Table

9, 10, 11A, 11C, 12A

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| ABIES ALBA | | | | | | | | | |
| FEMA 3634 | 52 | CKD-BR-RST | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| | 61 | MINT-MENTH | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| ACETONE | | | | | | | | | |
| FEMA 3588 | 53 | FERMENTED | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| | 60 | MILK-DAIRY | 4 | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| 2-ACETYL-3-ETHYLPYRAZINE | | | | | | | | | |
| FEMA 3589 | 52 | CKD-BR-RST | * | 100.0 | .0 | .0 | .0 | .0 | 100.0 |
| 2-ACETYL PYRIDINE | | | | | | | | | |
| FEMA 3585 | 52 | CKD-BR-RST | 4 | .0 | .0 | 100.0 | .0 | 100.0 | .0 |
| | 59 | MEAT | * | | | | .0 | 100.0 | .0 |
| | 62 | NUT | 4 | 100.0 | .0 | .0 | .0 | .0 | 100.0 |
| BETA-ALANINE | | | | | | | | | |
| FEMA 3574 | 58 | FRUT-PULPY | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| | 59 | MEAT | * | 100.0 | .0 | .0 | 66.7 | 33.3 | .0 |
| ALBUMEN | | | | | | | | | |
| NAS 0413 | 23 | PROPL AGRT | * | 100.0 | .0 | .0 | 66.7 | 33.3 | .0 |
| | 27 | SURFACTANT | * | 66.7 | .0 | 33.3 | | | |
| ALLYL CAPROATE | | | | | | | | | |
| FEMA 3543 | 58 | FRUT-PULPY | * | 100.0 | .0 | .0 | .0 | 100.0 | .0 |
| | 68 | FRUIT-MISC | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| ALLYL METHYL TRISULFIDE | | | | | | | | | |
| FEMA 3590 | 64 | SEASONINGS | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| ALMONDS | | | | | | | | | |
| NAS 0522 | 11 | FLAV AGNT | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| AMMONIUM CHLORIDE | | | | | | | | | |
| NAS 0344 | 05 | DOGH CONDR | * | 100.0 | .0 | .0 | .0 | .0 | 100.0 |
| | 10 | FLAV ENHNC | * | .0 | .0 | 100.0 | | | |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| AMYLASE, BACTERIAL NAS 0450 | 08 | ENZYME | * | .0 | 100.0 | .0 | | | |
| FUNGAL AMYLASE NAS 0452 | 08 | ENZYME | * | .0 | 66.7 | 33.3 | | | |
| ANISIC ALDEHYDE FEMA 3421 | 66 | VANILLA | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| APPLE ESSENCE, NATURAL FEMA 3544 | 58 | FRUT-PULPY | * | .0 | 50.0 | 50.0 | .0 | 100.0 | .0 |
| APPLE JUICE, CONC. FEMA 3477 | 73 | HARD CANDY | * | .0 | 50.0 | 50.0 | .0 | 100.0 | .0 |
| APPLESAUCE NAS 0525 | 10 | FLAV ENHNC | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| L-ARABINOSE/PECTIN/SUGAR FEMA 3575 | 59 | MEAT | * | 100.0 | .0 | .0 | .0 | 100.0 | .0 |
| ARROWROOT STARCH NAS 0364 | 30 | TEXTURIZER | * | 100.0 | .0 | .0 | .0 | 100.0 | .0 |
| AZODICARBONAMIDE NAS 0496 | 12 | FLOR TREAT | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| BACT P&A/BACIL SUBTILIS NAS 0961 | 22 | PROCES AID | 36 | 56.2 | 40.0 | 1.8 | .0 | 100.0 | .0 |
| BANANAS, MASHED NAS 0500 | 10 | FLAV ENHNC | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| BANANA, PURE, CONC. FEMA 3676 | 73 | HARD CANDY | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| BARLEY FLOUR NAS 0527 | 11 | FLAV AGNT | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| BARLEY GRITS NAS 0526 | 10 | FLAV ENHNC | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| BAY LEAF FEMA 3531 | 64 | SEASONINGS | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| BEEF EXTRACT NAS 0366 | 11 | FLAV AGNT | * | .0 | .0 | 100.0 | .0 | 100.0 | .0 |
| BEET POWDER FEMA 3554 | 64 | SEASONINGS | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| BENZYL ISOTHIOCYANATE FEMA 3591 | 67 | VEGETABLE | * | 100.0 | .0 | .0 | .0 | .0 | 100.0 |
| BIRCH TAR OIL FEMA 3592 | 63 | ROOTS | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| BLACKBERRY, FRUIT, EXT. FEMA 3680 | 73 | HARD CANDY | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| BONITO, DRIED NAS 0489 | 11 | FLAV AGNT | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| BROMELAIN NAS 0368 | 08 | ENZYME | 5 | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| | 22 | PROCES AID | * | 50.0 | 50.0 | .0 | | | |
| BROWN SUGAR NAS 0369 | 03 | COLOR | 4 | 100.0 | .0 | .0 | | | |
| | 10 | FLAV ENHNC | * | 33.3 | 66.7 | .0 | | | |
| | 11 | FLAV AGNT | 11 | 72.7 | 18.2 | 9.1 | | | |
| BUTTER NAS 0523 FEMA 3681 | 10 | FLAV ENHNC | * | .0 | 100.0 | .0 | | | |
| | 28 | SURF FINSH | * | 100.0 | .0 | .0 | | | |
| | 73 | HARD CANDY | * | | | | | | |
| BUTTERMILK POWDER NAS 0519 FEMA 3682 | 19 | NUTR SUPPL | * | 100.0 | .0 | .0 | | | |
| | 73 | HARD CANDY | * | | | | | | |
| BUTYLENE GLYCOL NAS 0531 FEMA 3516 | 25 | SOLV VEHIC | 10 | .0 | 30.0 | 70.0 | 66.7 | 33.3 | .0 |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| AGKETO BUTYRIC ACID FEMA 3593 | 55 | FRUT-BERRY | 4 | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| N-BUTYL SALICYLATE FEMA 3558 | 68 | FRUIT-MISC | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| CADE/JUNIPER, OIL FEMA 3522 | 52 | CKD-BR-RST | * | .0 | 100.0 | .0 | 100.0 | .0 | .0 |
| CALCIUM CARRAGEENAN NAS 0408 | 26 | STBLZ THKR | * | 33.3 | .0 | 66.7 | 100.0 | .0 | .0 |
| CALCIUM CASEINATE NAS 0556 | 19 | NUTR SUPPL | * | .0 | 100.0 | .0 | 100.0 | .0 | .0 |
| CALCIUM DISODIUM EDTA NAS 0532 FEMA 3510 | 21 | PRESERVATV | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| | 24 | SEQUESTRNT | 4 | 50.0 | .0 | 50.0 | | | |
| CALCIUM STEAROYL-2-LACTY NAS 0538 | 05 | DOGH CONDH | * | .0 | 100.0 | .0 | | | |
| CARAMEL LIQUID NAS 0441 | 03 | COLOR | * | .0 | 100.0 | .0 | | | |
| CARBOWAX NAS 0533 | 28 | SURF FINSH | * | .0 | 100.0 | .0 | | | |
| CARDAMOM, OLEORESIN FEMA 3501 | 21 | PRESERVATV | * | .0 | 100.0 | .0 | | | |
| | 64 | SEASONINGS | * | .0 | .0 | 100.0 | .0 | 100.0 | .0 |
| CASEIN NAS 0422 | 19 | NUTR SUPPL | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| CELERY JUICE FEMA 3566 | 64 | SEASONINGS | * | 100.0 | .0 | .0 | 100.0 | .0 | .0 |
| CELERY SEED, OLEORESIN FEMA 3502 | 64 | SEASONINGS | * | 50.0 | 50.0 | .0 | .0 | 100.0 | .0 |
| | 67 | VEGETABLE | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | TECHNICAL EFFECT NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| CELLULOSE,MICROCRYSTALINE FEMA 3505 | 13 | FORMUL AID | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| CEREAL SOLIDS, HYDROLYZED NAS 0423 | 28 | SURF FINSH | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| | 30 | TEXTURIZER | * | .0 | 100.0 | .0 | | | |
| CHEDDAR CHEESE NAS 0517 FEMA 3527 | 11 | FLAV AGNT | * | .0 | 100.0 | .0 | | | |
| | 60 | MILK-DAIRY | * | 100.0 | .0 | .0 | 100.0 | .0 | .0 |
| CHERRY JUICE, CONC. FEMA 3683 | 73 | HARD CANDY | 5 | 100.0 | .0 | .0 | 100.0 | .0 | .0 |
| CHILI CAPSICUM FEMA 3532 | 64 | SEASONINGS | 4 | 25.0 | 75.0 | .0 | 50.0 | 50.0 | .0 |
| CHILI SWEET FEMA 3533 | 64 | SEASONINGS | * | 100.0 | .0 | .0 | 100.0 | .0 | .0 |
| GROUND CHILIES FEMA 3570 | 64 | SEASONINGS | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| CHIVES FEMA 3578 | 64 | SEASONINGS | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| CHLORINE NAS 0424 | 12 | FLOR TREAT | * | 33.3 | 33.3 | 33.3 | .0 | 100.0 | .0 |
| | 20 | PH CONTROL | * | 50.0 | 50.0 | .0 | | | |
| | 21 | PRESERVATV | * | 100.0 | .0 | .0 | | | |
| CHLORINE DIOXIDE NAS 0425 | 12 | FLOR TREAT | * | .0 | 33.3 | 66.7 | | | |
| CHOCOLATE CHIPS NAS 0516 | 11 | FLAV AGNT | * | .0 | 100.0 | .0 | | | |
| CHOCOLATE LIQUOR NAS 0370 | 11 | FLAV AGNT | * | .0 | 100.0 | .0 | | | |
| | 13 | FORMUL AID | * | 100.0 | .0 | .0 | | | |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | TECHNICAL EFFECT NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| CINNAMON OLEORESIN FEMA 3484 | 73 | HARD CANDY | 8 | 100.0 | .0 | .0 | | | |
| COCCA NAS 0371 FEMA 3518 | 10 | FLAV ENHNC | * | 100.0 | .0 | .0 | | | |
| | 11 | FLAV AGNT | 4 | 75.0 | 25.0 | .0 | | | |
| | 13 | FORMUL AID | * | 100.0 | .0 | .0 | | | |
| | 52 | CKD-BR-RST | * | 100.0 | .0 | .0 | 100.0 | .0 | .0 |
| COCOA BUTTER NAS 0372 | 13 | FORMUL AID | * | 100.0 | .0 | .0 | 100.0 | .0 | .0 |
| | 31 | MASTIC SUB | * | .0 | .0 | 100.0 | | | |
| COCONUT OIL NAS 0373 FEMA 3659 | 10 | FLAV ENHNC | * | 100.0 | .0 | .0 | | | |
| | 11 | FLAV AGNT | 4 | 25.0 | 75.0 | .0 | | | |
| | 13 | FORMUL AID | * | 50.0 | 50.0 | .0 | | | |
| | 19 | NUTR SUPPL | * | .0 | .0 | 100.0 | | | |
| | 22 | PROCES AID | * | 100.0 | .0 | .0 | | | |
| | 25 | SOLV VEHIC | * | .0 | 100.0 | .0 | | | |
| | 72 | CHEW GUM | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| COFFEE CONCENTRATE-PURE FEMA 3636 | 50 | BLENDS | * | 100.0 | .0 | .0 | 100.0 | .0 | .0 |
| | 52 | CKD-BR-RST | * | 100.0 | .0 | .0 | 100.0 | .0 | .0 |
| | 69 | FLAVR-MISC | 4 | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| SOLID EXTRACT COFFEE FEMA 3571 | 52 | CKD-BR-RST | 4 | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| | 73 | HARD CANDY | 4 | | | | | | |
| CONFECTIONERS GLAZE NAS 0426 | 28 | SURF FINSH | * | 50.0 | 50.0 | .0 | | | |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | TECHNICAL EFFECT NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| COPPER SULFATE NAS 0427 | 19 | NUTR SUPPL | 5 | 50.0 | 25.0 | 25.0 | | | |
| CORN GRITS NAS 0548 | 19 | NUTR SUPPL | * | 100.0 | .0 | .0 | | | |
| CORN MEAL NAS 0504 | 10 | FLAV ENHNC | * | 50.0 | .0 | 50.0 | | | |
| | 28 | SURF FINSH | * | .0 | .0 | 100.0 | | | |
| CORN OIL NAS 0374 FEMA 3675 | 17 | LUBRICANT | * | 100.0 | .0 | .0 | | | |
| | 25 | SOLV VEHIC | * | .0 | 100.0 | .0 | | | |
| | 27 | SURFACTANT | * | .0 | .0 | 100.0 | | | |
| | 28 | SURF FINSH | * | 100.0 | .0 | .0 | | | |
| | 72 | CHEW GUM | 15 | 53.3 | 6.7 | 40.0 | 60.0 | 26.7 | 13.3 |
| | 73 | HARD CANDY | 6 | | | | | | |
| CORN STARCH NAS 0411 | 01 | ANTICAKNG | 4 | .0 | 100.0 | .0 | | | |
| | 06 | DRYNG AGNT | * | .0 | 100.0 | .0 | | | |
| | 13 | FORMUL AID | 6 | .0 | 16.7 | 83.3 | | | |
| | 16 | LEAVENING | * | .0 | 100.0 | .0 | | | |
| | 17 | LUBRICANT | * | 33.3 | 66.7 | .0 | | | |
| | 26 | STBLZ THKR | 6 | 16.7 | 16.7 | 66.7 | | | |
| | 30 | TEXTURIZER | * | .0 | .0 | 100.0 | | | |
| CORN SYRUP SOLIDS NAS 0319 | 04 | CURING | * | .0 | .0 | 100.0 | | | |
| | 10 | FLAV ENHNC | * | 50.0 | .0 | 50.0 | | | |
| | 11 | FLAV AGNT | 7 | 14.3 | 42.9 | 42.9 | | | |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | | TECHNICAL EFFECT NO. | NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|---|
| CORN SYRUP SOLIDS NAS 0375 | | 13 | FORMUL AID | * | .0 | 50.0 | 50.0 | | | |
| | | 15 | HUMECTANT | * | .0 | 100.0 | .0 | | | |
| | | 19 | NUTR SUPPL | * | .0 | 100.0 | .0 | | | |
| | | 26 | STBLZ THKR | 6 | 33.3 | 66.7 | .0 | | | |
| | | 40 | NUTR SWEET | * | 50.0 | 50.0 | .0 | | | |
| COTTONSEED OIL NAS 0376 | FEMA 3660 | 11 | FLAV AGNT | * | 33.3 | 66.7 | .0 | | | |
| | | 72 | CHEW GUM | 15 | .0 | 20.0 | 80.0 | 13.3 | 6.7 | 80.0 |
| | | 73 | HARD CANDY | 12 | | | | | | |
| CURRANT JUICE, BLACK | FEMA 3661 | 72 | CHEW GUM | * | 100.0 | .0 | .0 | .0 | 100.0 | .0 |
| | | 73 | HARD CANDY | * | | | | | | |
| CYCLOHEXANOL | FEMA 3594 | 55 | FRUT-BERRY | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| 4-DECEN-AL | FEMA 3586 | 56 | FRUT-CIT | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| 4-DECENE-1-AL | FEMA 3626 | 59 | MEAT | * | .0 | .0 | 100.0 | .0 | 100.0 | .0 |
| | | 60 | MILK-DAIRY | * | .0 | .0 | 100.0 | .0 | 100.0 | .0 |
| DEXTRIN NAS 0338 | FEMA 3556 | 13 | FORMUL AID | 4 | .0 | 75.0 | 25.0 | .0 | 100.0 | .0 |
| | | 22 | PROCES AID | * | .0 | .0 | 100.0 | | | |
| | | 26 | STBLZ THKR | 8 | 37.5 | 25.0 | 37.5 | | | |
| | | 28 | SURF FINSH | * | .0 | .0 | 100.0 | | | |
| | | 72 | CHEW GUM | * | .0 | 33.3 | 66.7 | 33.3 | 66.7 | .0 |
| | | 73 | HARD CANDY | 12 | | | | | | |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | TECHNICAL EFFECT NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| DEXTROSE SYRUP NAS 0557 | 11 | FLAV AGNT | * | .0 | 100.0 | .0 | | | |
| DI-ALLYL-TRISULFIDE FEMA 3595 | 67 | VEGETABLE | * | 100.0 | .0 | .0 | .0 | .0 | 100.0 |
| DIASTASE NAS 0562 | 22 | PROCES AID | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| DIHYDRO CARVONE FEMA 3662 | 72 | CHEW GUM | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| 2,5 DIMETHYL PYRAZINE FEMA 3596 | 52 | CKD-BR-RST | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| | 53 | FERMENTED | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| 2,6 DIMETHYL PYRAZINE FEMA 3597 | 52 | CKD-BR-RST | * | 100.0 | .0 | .0 | .0 | 100.0 | .0 |
| | 62 | NUT | 4 | 100.0 | .0 | .0 | .0 | 100.0 | .0 |
| 2,5 DIMETHYL PYRROLE FEMA 3616 | 62 | NUT | * | 100.0 | .0 | .0 | .0 | 100.0 | .0 |
| DIMETHYL TRISULFIDE FEMA 3598 | 67 | VEGETABLE | * | 100.0 | .0 | .0 | .0 | .0 | 100.0 |
| DIPHENYL OXIDE FEMA 3599 | 58 | FRUT-PULPY | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| DURAM FLOUR NAS 0549 | 19 | NUTR SUPPL | * | 100.0 | .0 | .0 | .0 | .0 | 100.0 |
| DURAM GRANULAR NAS 0550 | 19 | NUTR SUPPL | * | 100.0 | .0 | .0 | .0 | .0 | 100.0 |
| EGG (WHOLE) NAS 0503 | 10 | FLAV ENHNC | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| EGGS, WHOLE, DRIED NAS 0518 | 19 | NUTR SUPPL | * | 50.0 | 50.0 | .0 | .0 | .0 | 100.0 |
| ETHYL CELLULOSE FEMA 3663 | 72 | CHEW GUM | 5 | 40.0 | 40.0 | 20.0 | .0 | 80.0 | 20.0 |

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| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | TECHNICAL EFFECT NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| ETHYL CELLULOSE FEMA 3663 | 73 | HARD CANDY | 10 | | | | | | |
| ETHYL OENANTHATE FEMA 3664 | 72 | CHEW GUM | 16 | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| ETHYL PELARGONATE FEMA 3650 | 55 | FRUT-BERRY | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| ETHYL PRALINE FEMA 3685 | 73 | HARD CANDY | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| 2-ETHYL PYRIZINE FEMA 3601 | 52 | CKD-BR-RST | * | 100.0 | .0 | .0 | .0 | 100.0 | .0 |
| | 62 | NUT | 4 | 100.0 | .0 | .0 | .0 | 100.0 | .0 |
| F D AND C BLUE DYE NO 1 NAS 0340 | 03 | COLOR | * | .0 | .0 | 100.0 | .0 | 100.0 | .0 |
| FERRIC AMMONIUM CITRATE NAS 0380 | 19 | NUTR SUPPL | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| FERRIC CHLORIDE NAS 0428 | 19 | NUTR SUPPL | * | 100.0 | .0 | .0 | .0 | 100.0 | .0 |
| FICIN NAS 0381 | 08 | ENZYME | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| FLOUR, PASTRY NAS 0501 | 09 | FIRMN AGNT | * | 100.0 | .0 | .0 | .0 | 100.0 | .0 |
| FLOUR (PATENT) NAS 0502 | 26 | STBLZ THKR | * | 100.0 | .0 | .0 | .0 | 100.0 | .0 |
| FOLIC ACID NAS 0410 | 19 | NUTR SUPPL | 4 | 100.0 | .0 | .0 | .0 | 100.0 | .0 |
| FUNGAL AMYLOGLUCOSIDASE NAS 0453 | 08 | ENZYME | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| FUNGAL ENZYME NAS 0345 | 05 | DOGH CONDR | * | 100.0 | .0 | .0 | .0 | 100.0 | .0 |
| FUNG PEA/ASPERGIL NIGER NAS 0560 | 22 | PROCES AID | 5 | 60.0 | 40.0 | .0 | .0 | 100.0 | .0 |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | TECHNICAL EFFECT NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| FUNG PGA/ASPERGIL ORYZAE NAS 0559 | 22 | PROCES AID | 19 | 54.5 | 36.4 | 9.1 | .0 | 100.0 | .0 |
| FURFURYL ISOVALERATE FEMA 3627 | 52 | CKD-BR-RST | 4 | .0 | .0 | 100.0 | .0 | 100.0 | .0 |
| GARLIC, ALLIUM SATIVUM FEMA 3508 | 64 | SEASONINGS | 10 | .0 | 88.9 | 11.1 | .0 | 77.8 | 22.2 |
| | 65 | SPICE-HERB | 4 | .0 | 100.0 | .0 | .0 | 75.0 | 25.0 |
| | 67 | VEGETABLE | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| GELATIN NAS 0350 | 09 | FIRMN AGNT | * | 50.0 | 50.0 | .0 | .0 | 100.0 | .0 |
| | 13 | FORMUL AID | 4 | .0 | .0 | 100.0 | | | |
| | 22 | PROCES AID | * | | | | | | |
| | 26 | STBLZ THKR | 19 | 16.7 | 25.0 | 58.3 | | | |
| | 27 | SURFACTANT | 6 | 50.0 | 50.0 | .0 | | | |
| | 28 | SURF FINSH | * | | | | | | |
| GERANIUM, ABSOLUTE FEMA 3605 | 72 | CHEW GUM | 8 | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| | 73 | HARD CANDY | 5 | | | | | | |
| FUNGAL GLUCOSE OXIDASE NAS 0455 | 08 | ENZYME | * | .0 | 100.0 | .0 | | | |
| GLYCINE HYDROCHLORIDE FEMA 3576 | 59 | MEAT | * | 100.0 | .0 | .0 | .0 | 100.0 | .0 |
| GRAPE ESSENCE, NATURAL FEMA 3538 | 68 | FRUIT-MISC | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| GRAPEFRUIT ESSENCE, NAT FEMA 3539 | 56 | FRUT-CIT | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| GRAPEFRUIT OIL CONC FEMA 3631 | 56 | FRUT-CIT | 5 | 100.0 | .0 | .0 | .0 | 100.0 | .0 |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | TECHNICAL EFFECT NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| GREEN PEPPER, GRANULES FEMA 3567 | 64 | SEASONINGS | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| FUNGAL HEMICELLULASE NAS 0456 | 08 | ENZYME | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| HELIOTROPIN FEMA 3622 | 66 | VANILLA | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| HEPTA-2,4 DIENE-1-OL FEMA 3628 | 59 | MEAT | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| | 60 | MILK-DAIRY | * | .0 | .0 | 100.0 | .0 | 100.0 | .0 |
| 2-HEPTANOL FEMA 3564 | 60 | MILK-DAIRY | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| HESPERIDIN NAS 0383 | 10 | FLAV ENHNC | * | .0 | .0 | 100.0 | .0 | 100.0 | .0 |
| CIS-3-HEXENAL PROPIONATE FEMA 3603 | 58 | FRUT-PULPY | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| TRANS-3-HEXENAL FEMA 3602 | 55 | FRUT-BERRY | * | 100.0 | .0 | .0 | .0 | .0 | 100.0 |
| CIS-3-HEXENYL VALERATE FEMA 3604 | 55 | FRUT-BERRY | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| HO LEAF OIL FEMA 3666 | 72 | CHEW GUM | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| HONEY NAS 0468 | 10 | FLAV ENHNC | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| HOREHOUND, SOLID, EXT. FEMA 3686 | 73 | HARD CANDY | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| HORSERADISH OIL FEMA 3507 | 65 | SPICE-HERB | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| HYDRATROPIC ALD PG ACETAL FEMA 3559 | 64 | SEASONINGS | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | TECHNICAL EFFECT NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| HYDROGEN SULF-ISOVALLERAL FEMA 3561 | 59 | MEAT | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| HYDROGEN SULF-PROPIONAL FEMA 3560 | 64 | SEASONINGS | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| HYDROXY PROPYL PHOS DI NAS 0384 | 27 | SURFACTANT | * | .0 | .0 | 100.0 | .0 | 100.0 | .0 |
| INVERT SUGAR NAS 0429 | 11 | FLAV AGNT | * | 66.7 | .0 | 33.3 | .0 | 100.0 | .0 |
| | 15 | HUMECTANT | * | .0 | 100.0 | .0 | | | |
| | 40 | NUTR SWEET | * | .0 | 50.0 | 50.0 | | | |
| INVERT SUGAR SYRUP NAS 0430 FEMA 3687 | 11 | FLAV AGNT | * | .0 | 100.0 | .0 | | | |
| | 13 | FORMUL AID | * | .0 | .0 | 100.0 | | | |
| | 73 | HARD CANDY | * | | | | | | |
| ISOCYCLO CITRAL FEMA 3563 | 67 | VEGETABLE | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| LACTALBUMIN NAS 0470 | 13 | FORMUL AID | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| LACTALBUMIN PHOSPHATE NAS 0385 | 05 | DOUGH CONDR | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| LACTOSE NAS 0406 FEMA 3667 | 10 | FLAV ENHNC | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| | 11 | FLAV AGNT | * | .0 | .0 | 100.0 | | | |
| | 13 | FORMUL AID | 5 | .0 | 20.0 | 80.0 | | | |
| | 19 | NUTR SUPPL | * | 100.0 | .0 | .0 | | | |
| | 22 | PROCES AID | * | .0 | 100.0 | .0 | | | |
| | 72 | CHEW GUM | * | .0 | .0 | 100.0 | .0 | 100.0 | .0 |
| | 73 | HARD CANDY | 8 | | | | | | |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | TECHNICAL EFFECT NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % ** DOM. | MOD. | TRAC |
|---|---|---|---|---|---|---|---|---|---|
| LARD,HYDROGENATED NAS 0566 | 31 | MASTIC SUB | * | 100.0 | .0 | .0 | | | |
| LEMON PEEL GRANULES FEMA 3573 | 56 | FRUT-CIT | * | 100.0 | .0 | .0 | 100.0 | .0 | |
| | 64 | SEASONINGS | * | .0 | 100.0 | .0 | .0 | 100.0 | |
| LIME JUICE, DEHYDRATED FEMA 3688 | 73 | HARD CANDY | * | .0 | 100.0 | .0 | .0 | 100.0 | |
| LIME, OIL, DIST. FEMA 3689 | 73 | HARD CANDY | 7 | .0 | 100.0 | .0 | .0 | 100.0 | |
| LIME, OIL, EXPRESSED FEMA 3690 | 73 | HARD CANDY | * | .0 | 100.0 | .0 | .0 | 100.0 | |
| LIME TERPENES FEMA 3668 | 72 | CHEW GUM | * | 50.0 | 50.0 | .0 | 50.0 | 50.0 | |
| 1-LIMONENE FEMA 3669 | 72 | CHEW GUM | * | .0 | 100.0 | .0 | .0 | 100.0 | |
| LIPASE NAS 0386 | 08 | ENZYME | * | 100.0 | .0 | .0 | .0 | 100.0 | |
| | 10 | FLAV ENHNC | * | .0 | 100.0 | .0 | | | |
| MAGNESIUM CHLORIDE NAS 0387 | 11 | FLAV AGNT | * | 100.0 | .0 | .0 | | | |
| | 19 | NUTR SUPPL | * | 66.7 | 33.3 | .0 | | | |
| MALTED MILK NAS 0551 | 10 | FLAV ENHNC | * | 100.0 | .0 | .0 | | | |
| MALT FLOUR NAS 0459 | 08 | ENZYME | * | .0 | 100.0 | .0 | | | |
| MALTO DEXTRIN NAS 0412 | 08 | ENZYME | * | .0 | 100.0 | .0 | | | |
| | 11 | FLAV AGNT | * | .0 | .0 | 100.0 | | | |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | TECHNICAL EFFECT NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| MARGARINE NAS 0515 | 10 | FLAV ENHNC | * | .0 | .0 | 100.0 | | | |
| MATE ABSOLUTE FEMA 3644 | 55 | FRUT-BERRY | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| | 66 | VANILLA | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| | 69 | FLAVR-MISC | 5 | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| MENADIOL SODIUM DIPHOSPHA NAS 0490 | 19 | NUTR SUPPL | * | 100.0 | .0 | .0 | .0 | .0 | 100.0 |
| DL-METHIONINE NAS 0359 FEMA 3344 | 19 | NUTR SUPPL | * | 100.0 | .0 | .0 | .0 | .0 | 100.0 |
| METHYL-2-DECENOATE FEMA 3605 | 58 | FRUT-PULPY | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| 2-METHYL HEXANOL-3 FEMA 3617 | 67 | VEGETABLE | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| 8G-METHYL OCTALACTONE FEMA 3606 | 53 | FERMENTED | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| | 57 | FRUT-PIT | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| METHYL-2-OCTENOATE FEMA 3607 | 58 | FRUT-PULPY | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| METHYL PROPYL TRISULFIDE FEMA 3608 | 67 | VEGETABLE | * | 100.0 | .0 | .0 | .0 | .0 | 100.0 |
| METHYL THIOFUROATE FEMA 3629 | 52 | CKD-BR-RST | 5 | .0 | .0 | 100.0 | .0 | 100.0 | .0 |
| | 59 | MEAT | * | .0 | .0 | 100.0 | .0 | 100.0 | .0 |
| 8G-METHYL UMBELLIFERON FEMA 3609 | 67 | VEGETABLE | 4 | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| MILK, SKIM NAS 0498 | 10 | FLAV ENHNC | * | 100.0 | .0 | .0 | .0 | 100.0 | .0 |
| | 19 | NUTR SUPPL | * | 100.0 | .0 | .0 | | | |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| MILK, SKIM, CONDENSED NAS 0545 | 19 | NUTR SUPPL | * | 100.0 | .0 | .0 | | | |
| MILK, SKIM, POWDERED NAS 0514 | 10 | FLAV ENHNC | * | 100.0 | .0 | .0 | | | |
| | 19 | NUTR SUPPL | * | 50.0 | 50.0 | .0 | | | |
| MILK, SKIM, SWEET, COND NAS 0524 | 11 | FLAV AGNT | * | .0 | .0 | 100.0 | | | |
| MILK, WHOLE, SWEET, COND NAS 0521 | 11 | FLAV AGNT | * | .0 | .0 | 100.0 | | | |
| MINERAL OIL NAS 0529 | 28 | SURF FINSH | * | 100.0 | .0 | .0 | | | |
| MOLASSES NAS 0188 FEMA 3679 | 03 | COLOR | * | 100.0 | .0 | .0 | | | |
| | 11 | FLAV AGNT | * | 50.0 | 50.0 | .0 | | | |
| | 19 | NUTR SUPPL | * | .0 | 100.0 | .0 | | | |
| | 26 | STBLZ THKR | * | 100.0 | .0 | .0 | | | |
| | 73 | HARD CANDY | 4 | | | | | | |
| MOLASSES, CONC. FEMA 3691 | 73 | HARD CANDY | * | | | | | | |
| MONOGLYCERIDES, ACETYLAT NAS 0530 | 17 | LUBRICANT | * | .0 | 100.0 | .0 | | | |
| MUSK KETONE FEMA 3610 | 54 | FLORAL | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| MUSTARD FLOUR FEMA 3577 | 64 | SEASONINGS | * | 100.0 | .0 | .0 | .0 | 100.0 | .0 |
| MUSTARD, ORIENTAL FEMA 3546 | 64 | SEASONINGS | * | 100.0 | .0 | .0 | 100.0 | .0 | .0 |
| 2-NONANOL FEMA 3565 | 60 | MILK-DAIRY | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | TECHNICAL EFFECT NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| NUTMEG, OLEORESIN FEMA 3529 | 64 | SEASONINGS | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| OATMEAL (ROLLED OATS) NAS 0510 | 19 | NUTR SUPPL | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| OENANTHIC ETHER FEMA 3649 | 55 | FRUT-BERRY | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| | 58 | FRUT-PULPY | * | .0 | 100.0 | .0 | 100.0 | .0 | .0 |
| ONION, MINCED, DEHYD FEMA 3581 | 64 | SEASONINGS | * | 100.0 | .0 | .0 | 100.0 | .0 | .0 |
| ONION GRANULES FEMA 3580 | 64 | SEASONINGS | * | .0 | 50.0 | 50.0 | .0 | 50.0 | 50.0 |
| ONION, ALLIUM CEPA FEMA 3509 | 64 | SEASONINGS | 9 | 12.5 | 75.0 | 12.5 | 12.5 | 87.5 | .0 |
| | 65 | SPICE-HERB | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| | 67 | VEGETABLE | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| OPOPANAX TINCTURE FEMA 3670 | 72 | CHEW GUM | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| ORANGE ESSENCE, NATURAL FEMA 3540 | 56 | FRUT-CIT | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| ORANGE ESSENCE, OIL NAT FEMA 3542 | 56 | FRUT-CIT | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| ORANGE OIL NAS 0493 FEMA 2821 | 10 | FLAV ENHNC | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| ORANGE PEEL FEMA 3526 | 56 | FRUT-CIT | 4 | 100.0 | .0 | .0 | 100.0 | .0 | .0 |
| | 64 | SEASONINGS | * | .0 | .0 | 100.0 | .0 | 100.0 | .0 |
| ORANGE TERPENES FEMA 3671 | 72 | CHEW GUM | * | 50.0 | 50.0 | .0 | 100.0 | .0 | .0 |
| PALM KERNEL OIL NAS 0389 | 13 | FORMUL AID | * | 100.0 | .0 | .0 | 100.0 | .0 | .0 |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | TECHNICAL EFFECT NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| PANCREATIC EXTRACT NAS 0390 | 08 | ENZYME | 4 | .0 | 100.0 | .0 | 100.0 | .0 | .0 |
| PARMESAN CHEESE NAS 0509 | 11 | FLAV AGNT | * | .0 | 100.0 | .0 | 100.0 | .0 | .0 |
| PEANUT OIL NAS 0391 | 11 | FLAV AGNT | * | 100.0 | .0 | .0 | 100.0 | .0 | .0 |
| | 13 | FORMUL AID | * | 100.0 | .0 | .0 | | | |
| | 17 | LUBRICANT | * | 100.0 | .0 | .0 | | | |
| | 28 | SURF FINSH | * | 100.0 | .0 | .0 | | | |
| PEPPER, RED, OLEORESIN FEMA 3530 | 64 | SEASONINGS | * | 100.0 | .0 | .0 | 100.0 | .0 | .0 |
| PECTIN NAS 0335 | 09 | FIRMN AGNT | * | 66.7 | .0 | 33.3 | 100.0 | .0 | .0 |
| | 26 | STBLZ THKR | 25 | 36.8 | 36.8 | 26.3 | | | |
| PECTIN, MODIFIED NAS 0432 | 26 | STBLZ THKR | * | .0 | 100.0 | .0 | | | |
| PECTINASE NAS 0392 | 08 | ENZYME | * | 100.0 | .0 | .0 | | | |
| PETROLATUM NAS 0528 | 28 | SURF FINSH | * | 100.0 | .0 | .0 | | | |
| PINEAPPLE, FLAVOR, IMIT. FEMA 3693 | 73 | HARD CANDY | * | 100.0 | .0 | .0 | | | |
| POLYSORBATE 65 NAS 0535 | 07 | EMULSIFIER | * | .0 | 100.0 | .0 | | | |
| POTASSIUM ACID PYROPHOS NAS 0395 | 20 | PH CONTROL | * | .0 | 100.0 | .0 | | | |
| POTASSIUM IODATE NAS 0346 | 05 | DOGH CONDR | * | 100.0 | .0 | .0 | | | |
| | 12 | FLOR TREAT | * | .0 | 100.0 | .0 | | | |

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| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| POTATO FLAKES NAS 0508 | 19 | NUTR SUPPL | * | 100.0 | .0 | .0 | | | |
| POTATO STARCH NAS 0396 | 26 | STBLZ THKR | * | .0 | 100.0 | .0 | | | |
| PREMOL FEMA 3611 | 55 | FRUT-BERRY | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| PROPYL MERCAPTAN FEMA 3568 | 59 | MEAT | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| PROTEASE, BACTERIAL NAS 0451 | 08 | ENZYME | 9 | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| FUNGAL PROTEASE NAS 0458 | 08 | ENZYME | 5 | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| PROTEIN HYDROLYZATE NAS 0398 | 10 | FLAV ENHNC | * | 33.3 | 33.3 | 33.3 | .0 | .0 | 100.0 |
| | 11 | FLAV AGNT | * | 100.0 | .0 | .0 | | | |
| PUMPERNICKLE MEAL NAS 0507 | 05 | DOGH CONDR | * | 100.0 | .0 | .0 | | | |
| RAISINS - BLANCHED NAS 0506 | 11 | FLAV AGNT | * | 100.0 | .0 | .0 | | | |
| RAISINS - DARK NAS 0505 | 11 | FLAV AGNT | * | 100.0 | .0 | .0 | | | |
| RAPE SEED OIL, HYDROGENAT NAS 0437 | 26 | STBLZ THKR | * | .0 | 100.0 | .0 | | | |
| RICE GEL NAS 0474 | 26 | STBLZ THKR | * | 100.0 | .0 | .0 | | | |
| RICE, MILLED NAS 0512 | 19 | NUTR SUPPL | * | 100.0 | .0 | .0 | | | |
| RICE STARCH NAS 0487 | 13 | FORMUL AID | * | .0 | .0 | 100.0 | | | |

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| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| SODIUM NITRATE NAS 0342 FEMA 3551 | 04 | CURING | 7 | .0 | 85.7 | 14.3 | .0 | 100.0 | .0 |
| | 21 | PRESERVATV | * | 50.0 | 50.0 | .0 | | | |
| SODIUM NITRITE NAS 0343 FEMA 3552 | 03 | COLOR | * | 100.0 | .0 | .0 | | | |
| | 04 | CURING | 8 | 75.0 | 25.0 | .0 | .0 | 100.0 | .0 |
| | 21 | PRESERVATV | 4 | 100.0 | .0 | .0 | | | |
| SOYBEAN FLOUR NAS 0486 | 11 | FLAV AGNT | * | .0 | 100.0 | .0 | | | |
| | 13 | FORMUL AID | * | .0 | .0 | 100.0 | | | |
| | 19 | NUTR SUPPL | * | 100.0 | .0 | .0 | | | |
| SOYBEAN OIL NAS 0407 FEMA 3695 | 05 | DOGH CONDR | * | 100.0 | .0 | .0 | | | |
| | 07 | EMULSIFIER | * | 66.7 | .0 | 33.3 | | | |
| | 13 | FORMUL AID | * | .0 | 100.0 | .0 | | | |
| | 19 | NUTR SUPPL | * | 50.0 | .0 | 50.0 | | | |
| | 30 | TEXTURIZER | * | .0 | 100.0 | .0 | | | |
| | 73 | HARD CANDY | * | | | | | | |
| SOY CONCENTRATE, ENZ ACT NAS 0434 | 05 | DOGH CONDR | * | .0 | .0 | 100.0 | | | |
| SOYA PROTEIN ISOLATE NAS 0446 | 07 | EMULSIFIER | * | .0 | .0 | 100.0 | | | |
| | 13 | FORMUL AID | 7 | .0 | 25.0 | 75.0 | | | |
| | 19 | NUTR SUPPL | 12 | 100.0 | .0 | .0 | | | |
| | 26 | STBLZ THKR | 4 | .0 | .0 | 100.0 | | | |
| | 30 | TEXTURIZER | * | .0 | .0 | 100.0 | | | |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | TECHNICAL EFFECT NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| STARCH NAS 0402 | 01 | ANTICAKNG | * | .0 | 100.0 | .0 | | | |
| | 07 | EMULSIFIER | * | 100.0 | .0 | .0 | | | |
| | 22 | PRCCES AID | * | .0 | 100.0 | .0 | | | |
| | 26 | STBLZ THKR | 9 | 33.3 | 33.3 | 33.3 | | | |
| | 30 | TEXTURIZER | * | 50.0 | 50.0 | .0 | | | |
| ST JOHNS BREAD SOLID,EXT. FEMA 3694 | 73 | HARD CANDY | 4 | 50.0 | 50.0 | .0 | | | |
| STRAWBERRY, JUICE FEMA 3696 | 73 | HARD CANDY | * | 50.0 | 50.0 | .0 | | | |
| STYRAX, OIL FEMA 3697 | 73 | HARD CANDY | * | 50.0 | 50.0 | .0 | | | |
| SUCROSE-INVERT SUGAR BLND NAS 0492 | 19 | NUTR SUPPL | * | 100.0 | .0 | .0 | | | |
| SUCROSE LIQUID NAS 0480 | 11 | FLAV AGNT | * | .0 | 100.0 | .0 | | | |
| SUGAR, SOLID, EXT. FEMA 3698 | 73 | HARD CANDY | 4 | .0 | 100.0 | .0 | | | |
| TALC NAS 0567 | 17 | LUBRICANT | * | .0 | 100.0 | .0 | | | |
| | 28 | SURF FINSH | * | 50.0 | .0 | 50.0 | | | |
| TALLOW, HYDROGENATED NAS 0568 | 31 | MASTIC SUB | * | 100.0 | .0 | .0 | | | |
| TAMARINDS FEMA 3645 | 58 | FRUT-PULPY | * | 100.0 | .0 | .0 | 100.0 | .0 | .0 |
| TANGERINE ESSENCE, NAT FEMA 3541 | 56 | FRUT-CIT | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| TAPIOCA STARCH NAS 0444 | 19 | NUTR SUPPL | * | 100.0 | .0 | .0 | .0 | 100.0 | .0 |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | TECHNICAL EFFECT NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| TAPIOCA STARCH NAS 0444 | 26 | STBLZ THKR | 5 | .0 | 80.0 | 20.0 | | | |
| | 28 | SURF FINSH | * | .0 | 100.0 | .0 | | | |
| TITANIUM DIOXIDE NAS 0488 | 03 | COLOR | * | .0 | 66.7 | 33.3 | | | |
| G&-TERPINENE FEMA 3673 | 72 | CHEW GUM | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| TETRAHYDROFURFURYLCINAMAT FEMA 3587 | 52 | CKD-BR-RST | * | .0 | .0 | 100.0 | .0 | 100.0 | .0 |
| | 54 | FLORAL | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| THIAMINE FEMA 3612 | 59 | MEAT | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| THIOGUAIOCAL FEMA 3613 | 52 | CKD-BR-RST | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| THYME, CLECRESIN FEMA 3504 | 64 | SEASONINGS | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| G&-TOCOPHEROL FEMA 3674 | 72 | CHEW GUM | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| TOLVALDEHYDES,PARA FEMA 3633 | 57 | FRUT-PIT | 6 | 100.0 | .0 | .0 | .0 | 100.0 | .0 |
| TIGLIC ACID FEMA 3614 | 57 | FRUT-PIT | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| TRICHLOROETHYLENE NAS 0542 | 25 | SOLV VEHIC | * | .0 | 100.0 | .0 | .0 | 100.0 | .0 |
| 3,5,5 TRIMETHYLHEXAN-1-OL FEMA 3630 | 54 | FLORAL | * | .0 | .0 | 100.0 | .0 | 100.0 | .0 |
| TURPENTINE, RECTIFIED FEMA 3700 | 73 | HARD CANDY | * | .0 | .0 | 100.0 | .0 | 100.0 | .0 |
| UNDECENAL FEMA 3615 | 58 | FRUT-PULPY | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| VALERIAN ROOT, EXT. FEMA 3701 | 73 | HARD CANDY | 5 | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| VEGETABLE OIL NAS 0436 FEMA 3702 | 02 | ANTIOXIDNT | * | 100.0 | .0 | .0 | .0 | .0 | 100.0 |
| | 13 | FORMUL AID | * | .0 | .0 | 100.0 | | | |
| | 17 | LUBRICANT | * | .0 | .0 | 100.0 | | | |
| | 19 | NUTR SUPPL | * | .0 | 100.0 | .0 | | | |
| | 22 | PROCES AID | * | 100.0 | .0 | .0 | | | |
| | 30 | TEXTURIZER | * | 100.0 | .0 | .0 | | | |
| | 73 | HARD CANDY | 18 | | | | | | |
| VEGETABLE OIL, HYDROGENAT NAS 0438 | 13 | FORMUL AID | * | .0 | 100.0 | .0 | | | |
| | 26 | STBLZ THKR | * | 100.0 | .0 | .0 | | | |
| | 29 | SYNERGIST | * | 100.0 | .0 | .0 | | | |
| | 30 | TEXTURIZER | * | .0 | .0 | 100.0 | | | |
| | 31 | MASTIC SUB | * | .0 | 100.0 | .0 | | | |
| VETIVER, OIL FEMA 3676 | 72 | CHEW GUM | * | .0 | 100.0 | .0 | .0 | .0 | 100.0 |
| VINEGAR NAS 0403 | 10 | FLAV ENHNC | * | .0 | .0 | 100.0 | .0 | .0 | 100.0 |
| | 11 | FLAV AGNT | * | 100.0 | .0 | .0 | | | |
| | 20 | PH CONTROL | 7 | 42.9 | 28.6 | 28.6 | | | |
| | 21 | PRESERVATV | * | 100.0 | .0 | .0 | | | |
| VITAMIN K NAS 0447 | 19 | NUTR SUPPL | * | 100.0 | .0 | .0 | | | |
| WAX, EDIBLE NAS 0546 | 28 | SURF FINSH | * | .0 | 100.0 | .0 | | | |

TABLE 9 -- TECHNICAL EFFECTS/FLAVOR USES AND IMPORTANCE RATINGS FOR ADDITIONAL NAS & FEMA SUBSTANCES (GROUP IV)

| SUBSTANCE NAME (SURVEY NO.) | TECHNICAL EFFECT NO. | TECHNICAL EFFECT NAME | NO. TIMES EFFECT REPORTED | IMPORTANCE RATINGS, % A | B | C | *** FLAVOR ROLE, % *** DOM. | MOD. | TRACE |
|---|---|---|---|---|---|---|---|---|---|
| WAXY MAISE STARCH NAS 0445 | 26 | STBLZ THKR | * | .0 | 100.0 | .0 | | | |
| WHEAT BRAN NAS 0552 | 11 | FLAV AGNT | * | 100.0 | .0 | .0 | | | |
| WHEAT GERM NAS 0462 | 05 | DOGH CONDR | * | .0 | 100.0 | .0 | | | |
| | 11 | FLAV AGNT | * | .0 | 100.0 | .0 | | | |
| WHEAT GLUTEN, VITAL NAS 0465 | 05 | DCGH CCNDR | 12 | .0 | 100.0 | .0 | | | |
| WHEAT, RED, MILLED NAS 0513 | 19 | NUTR SUPPL | * | 100.0 | .0 | .0 | | | |
| WHEAT STARCH NAS 0404 | 13 | FORMUL AID | * | .0 | 33.3 | 66.7 | | | |
| | 26 | STBLZ THKR | * | .0 | 66.7 | 33.3 | | | |
| WHEY, DRIED NAS 0463 | 10 | FLAV ENHNC | * | 100.0 | .0 | .0 | | | |
| | 13 | FORMUL AID | * | .0 | .0 | 100.0 | | | |
| | 19 | NUTR SUPPL | * | .0 | 100.0 | .0 | | | |
| WHEY, ELECTRODIALYZED NAS 0491 | 19 | NUTR SUPPL | * | 100.0 | .0 | .0 | | | |
| WORT NAS 0464 | 11 | FLAV AGNT | * | .0 | 100.0 | .0 | | | |
| XANTHAN GUM NAS 0544 | 13 | FORMUL AID | * | .0 | 100.0 | .0 | | | |
| | 26 | STBLZ THKR | * | .0 | 100.0 | .0 | | | |
| YEAST EXTRACT NAS 0481 FEMA 3521 | 10 | FLAV ENHNC | * | .0 | 100.0 | .0 | | | |
| | 11 | FLAV AGNT | * | .0 | 100.0 | .0 | | | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 01 | ANTICAKNG | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CALCIUM SILICATE | NAS 0055 | |
| | | | | CALCIUM SULFATE | NAS 0057 | |
| | | | | POTASSIUM ACID TARTRATE | NAS 0146 | |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SILICA AEROGEL | NAS 0174 | FEMA 3506 |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| | | | | CORN STARCH | NAS 0411 | |
| 01 | BAKED GOODS(R) | 02 | ANTIOXIDNT | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | ERYTHORBIC ACID | NAS 0078 | FEMA 2410 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| | | | | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| 01 | BAKED GOODS(R) | 03 | COLOR | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROTENE | NAS 0063 | FEMA 3548 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | CARBON | NAS 0262 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | MALT SYRUP | NAS 0291 | FEMA 3579 |
| 01 | BAKED GOODS(R) | 05 | DOGH CONDR | ALUMINUM SODIUM SULFATE | NAS 0010 | |
| | | | | AMMONIUM BICARBONATE | NAS 0013 | |
| | | | | AMMONIUM PHOSPHATE DI | NAS 0016 | |
| | | | | AMMONIUM PHOSPHATE MONO | NAS 0017 | |
| | | | | AMMONIUM SULFATE | NAS 0019 | |
| | | | | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM PHOSPHATE DI | NAS 0048 | FEMA 3656 |
| | | | | CALCIUM PHOSPHATE MONO | NAS 0049 | |
| | | | | CALCIUM SULFATE | NAS 0057 | |
| | | | | L-CYSTEINE | NAS 0071 | FEMA 3285 |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM BISULFITE | NAS 0183 | |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM METABISULFITE | NAS 0193 | |

TABLE 10 -- SUBSTANCES (GROUP 1-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 05 | DOGH CONDR | SODIUM SULFITE | NAS 0206 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | ENZYMES, PROTEOLYTIC | NAS 0274 | |
| | | | | LECITHIN, MOD W/HYD PER | NAS 0287 | |
| | | | | MALT SYRUP | NAS 0291 | FEMA 3579 |
| | | | | POTASSIUM BROMATE | NAS 0299 | |
| | | | | YEASTS | NAS 0333 | |
| | | | | AMMONIUM CHLORIDE | NAS 0344 | |
| | | | | CALCIUM STEAROYL-2-LACTY | NAS 0538 | |
| | | | | FUNGAL ENZYME | NAS 0345 | |
| | | | | LACTALBUMIN PHOSPHATE | NAS 0385 | |
| | | | | POTASSIUM IODATE | NAS 0346 | |
| | | | | PUMPERNICKLE MEAL | NAS 0507 | |
| | | | | SOYBEAN OIL | NAS 0407 | FEMA 3695 |
| | | | | SOY CONCENTRATE, ENZ ACT | NAS 0434 | |
| | | | | WHEAT GERM | NAS 0462 | |
| | | | | WHEAT GLUTEN, VITAL | NAS 0465 | |
| | | | | YEAST, INACTIVE (DRY) | NAS 0460 | |
| 01 | BAKED GOODS(R) | 06 | DRYNG AGNT | AGAR-AGAR | NAS 0004 | FEMA 2012 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| 01 | BAKED GOODS(R) | 07 | EMULSIFIER | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | DIACETYL TAR MONODIGLY | NAS 0076 | |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | SODIUM ACID PYROPHOS | NAS 0176 | |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM ALUMINUM PHOS | NAS 0179 | FEMA 3657 |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM PHOSPHATE TRI | NAS 0199 | |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | CALCIUM STEARATE | NAS 0260 | FEMA 3572 |
| | | | | GLYCEROL LACTOPALMITATE | NAS 0281 | |
| | | | | LECITHIN, MOD W/HYD PER | NAS 0287 | |
| | | | | PROPYLENE GLYCOL MSTEARAT | NAS 0309 | FEMA 2942 |
| | | | | POLYSORBATE 20 | | FEMA 2915 |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | SORBITAN MONOSTEARATE | NAS 0401 | FEMA 3028 |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 08 | ENZYME | PAPAIN | NAS 0142 | |
| | | | | ENZYMES, BACTERIAL | NAS 0273 | |
| | | | | ENZYMES, PROTEOLYTIC | NAS 0274 | |
| | | | | MALT SYRUP | NAS 0291 | FEMA 3579 |
| | | | | AMYLASE, BACTERIAL | NAS 0450 | |
| | | | | BROMELAIN | NAS 0368 | |
| | | | | MALTO DEXTRIN | NAS 0412 | |
| | | | | PROTEASE, BACTERIAL | NAS 0451 | |
| | | | | FUNGAL PROTEASE | NAS 0458 | |
| 01 | BAKED GOODS(R) | 09 | FIRMN AGNT | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | FLOUR, PASTRY | NAS 0501 | |
| | | | | RYE FLOUR, WHITE | NAS 0554 | |
| 01 | BAKED GOODS(R) | 10 | FLAV ENHNC | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | MALT SYRUP | NAS 0291 | FEMA 3579 |
| | | | | MILK POWDR WHOLE, ENZ MOD | NAS 0293 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | YEASTS | NAS 0333 | |
| | | | | CARAWAY | NAS 0421 | FEMA 2236 |
| | | | | VANILLA, OLEORESIN | | FEMA 3106 |
| | | | | VANILLIN | NAS 0336 | FEMA 3107 |
| | | | | GLYCINE | NAS 0356 | FEMA 3310 |
| | | | | APPLESAUCE | NAS 0525 | |
| | | | | BANANAS, MASHED | NAS 0500 | |
| | | | | BARLEY GRITS | NAS 0526 | |
| | | | | BROWN SUGAR | NAS 0369 | |
| | | | | BUTTER | NAS 0523 | FEMA 3681 |
| | | | | CORN MEAL | NAS 0504 | |
| | | | | EGG (WHOLE) | NAS 0503 | |
| | | | | HONEY | NAS 0468 | |
| | | | | LIPASE | NAS 0386 | |
| | | | | MARGARINE | NAS 0515 | |
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | AGAR-AGAR | NAS 0004 | FEMA 2012 |
| | | | | DL-ALANINE | NAS 0005 | FEMA 3251 |
| | | | | BEESWAX, BLEACHED | NAS 0027 | FEMA 2126 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | BENZOIC ACID | NAS 0029 | FEMA 2131 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | CAFFEINE | NAS 0034 | FEMA 2224 |
| | | | | CALCIUM PHOSPHATE MONO | NAS 0049 | |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CALCIUM SACCHARIN | NAS 0054 | FEMA 3528 |
| | | | | CAPRYLIC ACID | NAS 0058 | FEMA 2799 |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | L-CYSTEINE | NAS 0071 | FEMA 3285 |
| | | | | DL-CYSTINE | NAS 0072 | FEMA 3286 |
| | | | | ETHYL FORMATE | NAS 0079 | FEMA 2434 |
| | | | | GLUTAMIC ACID | NAS 0087 | FEMA 3307 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | DL-ISOLEUCINE | NAS 0101 | FEMA 3330 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | DL-LEUCINE | NAS 0105 | FEMA 3329 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | METHYLCELLULOSE | NAS 0127 | FEMA 2696 |
| | | | | METHYLPARABEN | NAS 0128 | FEMA 2710 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | DL-PHENYLALANINE | NAS 0143 | FEMA 3372 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | PROPIONIC ACID | NAS 0163 | FEMA 2924 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM BENZOATE | NAS 0161 | FEMA 3025 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | TRIACETIN | NAS 0233 | FEMA 2007 |
| | | | | TRIETHYL CITRATE | NAS 0234 | FEMA 3083 |
| | | | | BRANDY | NAS 0257 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | MALT SYRUP | NAS 0291 | FEMA 3579 |
| | | | | POTASSIUM BROMATE | NAS 0299 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | TANNIC ACID | NAS 0330 | FEMA 3042 |
| | | | | YEASTS | NAS 0333 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | ALFALFA, EXTRACT | | FEMA 2013 |
| | | | | ALLSPICE | | FEMA 2017 |
| | | | | ALLSPICE, OIL | | FEMA 2018 |
| | | | | ALLSPICE, OLEORESIN | | FEMA 2019 |
| | | | | ALMOND OIL, BITTER, FFPA | | FEMA 2046 |
| | | | | AMBRETTE, ABSOLUTE, OIL | | FEMA 2050 |
| | | | | AMBRETTE SEED, OIL | | FEMA 2051 |
| | | | | AMBRETTE, TINCTURE | | FEMA 2052 |
| | | | | ANGELICA ROOT, EXTRACT | | FEMA 2087 |
| | | | | ANGELICA ROOT, OIL | | FEMA 2088 |
| | | | | ANGELICA SEED, EXTRACT | | FEMA 2089 |
| | | | | ANGELICA SEED, OIL | | FEMA 2090 |
| | | | | ANGELICA STEM, OIL | | FEMA 2091 |
| | | | | ANGOSTURA, EXTRACT | | FEMA 2092 |
| | | | | ANISE | | FEMA 2093 |
| | | | | ANISE, OIL | | FEMA 2094 |
| | | | | ANISE, STAR | | FEMA 2095 |
| | | | | ANISE, STAR, OIL | | FEMA 2096 |
| | | | | ASAFETIDA, FLUID EXTRACT | | FEMA 2106 |
| | | | | ASAFETIDA, GUM | | FEMA 2107 |
| | | | | ASAFETIDA, OIL | | FEMA 2108 |
| | | | | ASH BARK, PRICKLY, EXT | | FEMA 2110 |
| | | | | BALM LEAVES, EXTRACT | | FEMA 2112 |
| | | | | BALM, OIL | | FEMA 2113 |
| | | | | BALSAM, PERU | | FEMA 2116 |
| | | | | BALSAM, PERU, OIL | | FEMA 2117 |
| | | | | BASIL | | FEMA 2118 |
| | | | | BASIL, OIL | | FEMA 2119 |
| | | | | BASIL, OLEORESIN | | FEMA 2120 |
| | | | | BAY LEAVES, W IND, OIL | | FEMA 2122 |
| | | | | BAY LEAVES, W IND, RESIN | | FEMA 2123 |
| | | | | BAY, SWEET | | FEMA 2124 |
| | | | | BAY, SWEET, OIL | | FEMA 2125 |
| | | | | BERGAMOT, OIL | | FEMA 2153 |
| | | | | CANANGA, OIL | | FEMA 2232 |
| | | | | CAPSICUM, EXTRACT | | FEMA 2233 |
| | | | | CAPSICUM, OLEORESIN | | FEMA 2234 |
| | | | | CARAWAY | NAS 0421 | FEMA 2236 |
| | | | | CARAWAY, OIL | | FEMA 2238 |
| | | | | CARDAMOM | | FEMA 2240 |
| | | | | CARDAMOM SEED, OIL | | FEMA 2241 |
| | | | | CARROT, OIL | | FEMA 2244 |
| | | | | CASCARILLA BARK, OIL | | FEMA 2255 |
| | | | | CASSIA | | FEMA 2256 |
| | | | | CASSIA BARK, EXTRACT | | FEMA 2257 |
| | | | | CASSIA BARK, OIL | | FEMA 2258 |
| | | | | CASTOREUM, EXTRACT | | FEMA 2261 |

BLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | CASTOREUM, LIQUID | FEMA 2262 |
| | | | | CAYENNE | FEMA 2266 |
| | | | | CELERY SEED | FEMA 2268 |
| | | | | CELERY SEED, EXTRACT | FEMA 2269 |
| | | | | CELERY SEED, EXT SOLID | FEMA 2270 |
| | | | | CELERY SEED, OIL | FEMA 2271 |
| | | | | CHAMOMILE FLOWER OIL, ENG | FEMA 2272 |
| | | | | CHAMOMILE FLOWER OIL, HUN | FEMA 2273 |
| | | | | CHAMOMILE FLOWER EXT, ROM | FEMA 2274 |
| | | | | CHAMOMILE FLOWER OIL, ROM | FEMA 2275 |
| | | | | CHERRY BARK, WILD, EXT | FEMA 2276 |
| | | | | CHERVIL | FEMA 2279 |
| | | | | CHICORY, EXTRACT | FEMA 2280 |
| | | | | CINNAMON | FEMA 2289 |
| | | | | CINNAMON BARK, EXT | FEMA 2290 |
| | | | | CINNAMON BARK, OIL | FEMA 2291 |
| | | | | CINNAMON LEAF, OIL | FEMA 2292 |
| | | | | CITRONELLA, OIL | FEMA 2308 |
| | | | | CIVET, ABSOLUTE | FEMA 2319 |
| | | | | CLARY, OIL | FEMA 2321 |
| | | | | CLOVE BUD, EXTRACT | FEMA 2322 |
| | | | | CLOVE BUD, OIL | FEMA 2323 |
| | | | | CLOVE BUD, OLEORESIN | FEMA 2324 |
| | | | | CLOVE LEAF, OIL | FEMA 2325 |
| | | | | CLOVER TOP RED, EXT SOLID | FEMA 2326 |
| | | | | CLOVES | FEMA 2327 |
| | | | | CLOVE STEM, OIL | FEMA 2328 |
| | | | | COGNAC, GREEN, OIL | FEMA 2331 |
| | | | | COGNAC, WHITE, OIL | FEMA 2332 |
| | | | | CORIANDER | FEMA 2333 |
| | | | | CORIANDER, OIL | FEMA 2334 |
| | | | | CORN SILK | FEMA 2335 |
| | | | | CUMIN | FEMA 2340 |
| | | | | CUMIN, OIL | FEMA 2343 |
| | | | | CURACO PEEL, EXT | FEMA 2344 |
| | | | | CURACAO PEEL, OIL | FEMA 2345 |
| | | | | DANDELION, FLUID EXT | FEMA 2357 |
| | | | | DANDELION ROOT, EXT SOLID | FEMA 2358 |
| | | | | DILL | FEMA 2382 |
| | | | | DILL, OIL | FEMA 2383 |
| | | | | DOGGRASS, EXTRACT | FEMA 2403 |
| | | | | ELDER FLOWERS | FEMA 2406 |
| | | | | ESTRAGON, OIL | FEMA 2412 |
| | | | | FENNEL, COMMON | FEMA 2481 |
| | | | | FENNEL, SWEET | FEMA 2482 |
| | | | | FENNEL, SWEET, OIL | FEMA 2483 |
| | | | | FENUGREEK | FEMA 2484 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | FENUGREEK, EXTRACT | | FEMA 2485 |
| | | | | FENUGREEK, OLEORESIN | | FEMA 2486 |
| | | | | GALANGAL ROOT, EXTRCT | | FEMA 2499 |
| | | | | GALANGAL ROOT, OIL | | FEMA 2500 |
| | | | | GARLIC, OIL | | FEMA 2503 |
| | | | | GERANIUM, ROSE, OIL | | FEMA 2508 |
| | | | | GINGER | | FEMA 2520 |
| | | | | GINGER, EXTRACT | | FEMA 2521 |
| | | | | GINGER, OIL | | FEMA 2522 |
| | | | | GINGER, OLEORESIN | | FEMA 2523 |
| | | | | GLYCYRRHIZIN, AMMONIATED | | FEMA 2528 |
| | | | | GRAPEFRUIT, OIL | | FEMA 2530 |
| | | | | HOPS, EXTRACT | | FEMA 2578 |
| | | | | HOPS, EXTRACT SOLID | | FEMA 2579 |
| | | | | HOPS, OIL | | FEMA 2580 |
| | | | | HOREHOUND, EXTRACT | | FEMA 2581 |
| | | | | HYSSOP, OIL | | FEMA 2591 |
| | | | | IMMORTELLE, EXTRACT | | FEMA 2592 |
| | | | | JASMINE, ABSOLUTE | | FEMA 2598 |
| | | | | JASMINE, CONCRETE | | FEMA 2599 |
| | | | | JASMINE, OIL | | FEMA 2600 |
| | | | | JASMINE, SPIRITUS | | FEMA 2601 |
| | | | | JUNIPER, EXTRACT | | FEMA 2603 |
| | | | | JUNIPER, OIL | | FEMA 2604 |
| | | | | KOLA NUT, EXTRACT | | FEMA 2607 |
| | | | | LAVANDIN, OIL | | FEMA 2618 |
| | | | | LAVENDER, ABSOLUTE | | FEMA 2620 |
| | | | | LAVENDER, CONCRETE | | FEMA 2621 |
| | | | | LAVENDER, OIL | | FEMA 2622 |
| | | | | LEMON, EXTRACT | | FEMA 2623 |
| | | | | LEMON-GRASS, OIL | | FEMA 2624 |
| | | | | LEMON, OIL | | FEMA 2625 |
| | | | | LEMON OIL, TERP/LESS | | FEMA 2626 |
| | | | | LICORICE, EXTRACT | | FEMA 2628 |
| | | | | LICORICE, EXT POWDER | | FEMA 2629 |
| | | | | LICORICE ROOT | NAS 0564 | FEMA 2630 |
| | | | | LIME, OIL | | FEMA 2631 |
| | | | | LIME OIL, TERPENELESS | | FEMA 2632 |
| | | | | MACE | | FEMA 2652 |
| | | | | MACE, OIL | | FEMA 2653 |
| | | | | MACE, OLEORESIN | | FEMA 2654 |
| | | | | MANDARIN, OIL | | FEMA 2657 |
| | | | | MARIGOLD, POT | | FEMA 2658 |
| | | | | MARJORAM, OLEORESIN | | FEMA 2659 |
| | | | | MARJORAM, SWEET | | FEMA 2662 |
| | | | | MARJORAM, SWEET, OIL | | FEMA 2663 |
| | | | | MENTHOL | | FEMA 2665 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | MENTHYL ACETATE | | FEMA 2668 |
| | | | | MUSK TONQUIN | | FEMA 2759 |
| | | | | MUSTARD, BROWN | | FEMA 2760 |
| | | | | MUSTARD, YELLOW | | FEMA 2761 |
| | | | | NEROLI BIGARDE, OIL | | FEMA 2771 |
| | | | | NUTMEG | NAS 0431 | FEMA 2792 |
| | | | | NUTMEG, OIL | | FEMA 2793 |
| | | | | ONION, OIL | | FEMA 2817 |
| | | | | ORANGE BLOSSOMS, ABS | | FEMA 2818 |
| | | | | ORANGE FLOWERS | | FEMA 2819 |
| | | | | ORANGE LEAF, ABSOLUTE | | FEMA 2820 |
| | | | | ORANGE OIL | NAS 0493 | FEMA 2821 |
| | | | | ORANGE, OIL, TERPENELESS | | FEMA 2822 |
| | | | | ORANGE PEEL, BITTER, OIL | | FEMA 2823 |
| | | | | ORANGE PEEL, SWEET, OIL | | FEMA 2825 |
| | | | | ORNGPL OIL SWEET TERP/LES | | FEMA 2826 |
| | | | | OREGANO | | FEMA 2827 |
| | | | | ORIGANUM, OIL | | FEMA 2828 |
| | | | | PALMAROSA, OIL | | FEMA 2831 |
| | | | | PAPRIKA | | FEMA 2833 |
| | | | | PAPRIKA, OLEORESIN | | FEMA 2834 |
| | | | | PARSLEY | | FEMA 2835 |
| | | | | PARSLEY, OIL | | FEMA 2836 |
| | | | | PARSLEY, OLEORESIN | | FEMA 2837 |
| | | | | PEPPER, BLACK | | FEMA 2844 |
| | | | | PEPPER, BLACK, OIL | | FEMA 2845 |
| | | | | PEPPER, BLACK, OLEORES | | FEMA 2846 |
| | | | | PEPPERMINT, OIL | | FEMA 2848 |
| | | | | PEPPER, RED | | FEMA 2849 |
| | | | | PEPPER, WHITE | | FEMA 2850 |
| | | | | PEPPER, WHITE, OIL | | FEMA 2851 |
| | | | | PEPPER, WHITE, OLEORES | | FEMA 2852 |
| | | | | PETITGRAIN, LEMON, OIL | | FEMA 2853 |
| | | | | PETITGRAIN, MAND, OIL | | FEMA 2854 |
| | | | | PETITGRAIN, OIL | | FEMA 2855 |
| | | | | PIMENTA LEAF, OIL | | FEMA 2901 |
| | | | | PIPSISSEWA LEAVES, EXT | | FEMA 2914 |
| | | | | POPPY SEED | | FEMA 2919 |
| | | | | ROSE, ABSOLUTE | | FEMA 2988 |
| | | | | ROSE BULG/TRUE OTTO, OIL | | FEMA 2989 |
| | | | | ROSEMARY | | FEMA 2991 |
| | | | | ROSEMARY, OIL | | FEMA 2992 |
| | | | | ROSE WATER, STRONGER | | FEMA 2993 |
| | | | | RUE | | FEMA 2994 |
| | | | | RUE, OIL | | FEMA 2995 |
| | | | | SAFFRON | | FEMA 2998 |
| | | | | SAFFRON, EXTRACT | | FEMA 2999 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | SAGE | | FEMA 3000 |
| | | | | SAGE, OIL | | FEMA 3001 |
| | | | | SAGE, OLEORESIN | | FEMA 3002 |
| | | | | SAGE, SPANISH, OIL | | FEMA 3003 |
| | | | | SAVORY, SUMMER | | FEMA 3012 |
| | | | | SAVORY, SUMMER, OIL | | FEMA 3013 |
| | | | | SAVORY, SUMMER, OLEORE | | FEMA 3014 |
| | | | | SAVORY, WINTER, OIL | | FEMA 3016 |
| | | | | SAVORY, WINTER, OLEORE | | FEMA 3017 |
| | | | | SCHINUS MOLLE, OIL | | FEMA 3018 |
| | | | | SLOE BERRIES, EXTRACT | | FEMA 3021 |
| | | | | SLOE BERRIES, EXT SOLID | | FEMA 3022 |
| | | | | SPEARMINT | | FEMA 3030 |
| | | | | SPEARMINT, OIL | | FEMA 3032 |
| | | | | SPIKE LAVENDER, OIL | | FEMA 3033 |
| | | | | TANGERINE, OIL | | FEMA 3041 |
| | | | | THYME | | FEMA 3063 |
| | | | | THYME, OIL | | FEMA 3064 |
| | | | | THYME, WHITE, OIL | | FEMA 3065 |
| | | | | TUBEROSE, OIL | | FEMA 3084 |
| | | | | TURMERIC | | FEMA 3085 |
| | | | | TURMERIC, OLEORESIN | | FEMA 3087 |
| | | | | VANILLA | NAS 0433 | FEMA 3104 |
| | | | | VANILLA EXTRACT | NAS 0482 | FEMA 3105 |
| | | | | VANILLA, OLEORESIN | | FEMA 3106 |
| | | | | VIOLET LEAVES, ABSOL | | FEMA 3110 |
| | | | | YLANG YLANG, OIL | | FEMA 3119 |
| | | | | COCOA EXTRACT | | FEMA 3278 |
| | | | | COFFEE, EXTRACT | | FEMA 3279 |
| | | | | HICKORY, SMOKE, DIST | | FEMA 3320 |
| | | | | LUPULIN | | FEMA 3332 |
| | | | | MALT, EXTRACT | | FEMA 3334 |
| | | | | MATE LEAVES | | FEMA 3336 |
| | | | | TAMARIND, EXTRACT | | FEMA 3395 |
| | | | | TEA, EXTRACT | | FEMA 3397 |
| | | | | ACETALDEHYDE | NAS 0448 | FEMA 2003 |
| | | | | ACETOIN | NAS 0363 | FEMA 2008 |
| | | | | ACONITIC ACID | | FEMA 2010 |
| | | | | ANETHOLE | | FEMA 2086 |
| | | | | BENZALDEHYDE | NAS 0367 | FEMA 2127 |
| | | | | N-BUTYRIC ACID | NAS 0337 | FEMA 2221 |
| | | | | TRIBUTYRIN | | FEMA 2223 |
| | | | | CARVONE | | FEMA 2249 |
| | | | | CINNAMALDEHYDE | | FEMA 2286 |
| | | | | CINNAMALDE ETHYLENE GLYOL | | FEMA 2287 |
| | | | | CITRAL | | FEMA 2303 |
| | | | | DECANAL | | FEMA 2362 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | DIACETYL | | FEMA 2370 |
| | | | | ETHYL ACETATE | NAS 0449 | FEMA 2414 |
| | | | | ETHYL BUTYRATE | | FEMA 2427 |
| | | | | ETHYL METHYLPHENYLGLYCIDA | | FEMA 2444 |
| | | | | ETHYL VANILLIN | | FEMA 2464 |
| | | | | EUGENOL | | FEMA 2467 |
| | | | | GERANIOL | | FEMA 2507 |
| | | | | GERANYL ACETATE | | FEMA 2509 |
| | | | | /G/-LIMONENE | | FEMA 2633 |
| | | | | LINALOOL | | FEMA 2635 |
| | | | | LINALYL ACETATE | | FEMA 2636 |
| | | | | METHYL ANTHRANILATE | NAS 0563 | FEMA 2682 |
| | | | | PIPERONAL | | FEMA 2911 |
| | | | | GLYCEROL TRIBUTYRATE | | FEMA 3308 |
| | | | | ALTHEA ROOT | | FEMA 2048 |
| | | | | BALSAM FIR, OIL | | FEMA 2114 |
| | | | | BALSAM FIR, OLEORESIN | | FEMA 2115 |
| | | | | BENZOIN, RESIN | | FEMA 2133 |
| | | | | BLACKBERRY BARK, EXT | | FEMA 2155 |
| | | | | BORONIA, ABSOLUTE | | FEMA 2167 |
| | | | | BUCHU LEAVES, OIL | | FEMA 2169 |
| | | | | CAJEPUT, OIL | | FEMA 2225 |
| | | | | CAMPHOR, JAP, WHITE, OIL | | FEMA 2231 |
| | | | | CASCARA BITTERLESS, EXT | | FEMA 2253 |
| | | | | CASSIE, ABSOLUTE | | FEMA 2260 |
| | | | | CASTOR, OIL | | FEMA 2263 |
| | | | | CATECHU, EXTRACT | | FEMA 2264 |
| | | | | CATECHU, POWDER | | FEMA 2265 |
| | | | | CEDAR LEAF, OIL | | FEMA 2267 |
| | | | | CHERRY LAUREL OIL, FFPA | | FEMA 2277 |
| | | | | CHERRY PITS, EXTRACT | | FEMA 2278 |
| | | | | CINCHONA BARK, RED, EXT | | FEMA 2282 |
| | | | | COSTUS ROOT, OIL | | FEMA 2336 |
| | | | | CUBEBS, OIL | | FEMA 2339 |
| | | | | CURRANT BUDS, BLACK, ABS | | FEMA 2346 |
| | | | | DAVANA, OIL | | FEMA 2359 |
| | | | | DILL SEED, INDIAN | | FEMA 2384 |
| | | | | ELEMI, GUM | | FEMA 2407 |
| | | | | ELEMI, OIL | | FEMA 2408 |
| | | | | EUCALYPTUS, OIL | | FEMA 2466 |
| | | | | GALBANUM, OIL | | FEMA 2501 |
| | | | | GALBANUM, RESIN | | FEMA 2502 |
| | | | | GENET, ABSOLUTE | | FEMA 2504 |
| | | | | GENET, EXTRACT | | FEMA 2505 |
| | | | | GENTIAN ROOT, EXTRACT | | FEMA 2506 |
| | | | | GUAIAC WOOD, EXTRACT | | FEMA 2533 |
| | | | | GUAIAC WOOD, OIL | | FEMA 2534 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | LABDANUM, ABSOLUTE | | FEMA 2608 |
| | | | | LABDANUM, OIL | | FEMA 2609 |
| | | | | LABDANUM, OLEORESIN | | FEMA 2610 |
| | | | | LINALOE WOOD, OIL | | FEMA 2634 |
| | | | | LOVAGE | | FEMA 2649 |
| | | | | LOVAGE, EXTRACT | | FEMA 2650 |
| | | | | LOVAGE, OIL | | FEMA 2651 |
| | | | | MIMOSA, ABSOLUTE | | FEMA 2755 |
| | | | | MT MAPLE, EXT SOLID | | FEMA 2757 |
| | | | | MYRRH, OIL | | FEMA 2766 |
| | | | | OAK CHIPS, EXTRACT | | FEMA 2794 |
| | | | | OAK MOSS, ABSOLUTE | | FEMA 2795 |
| | | | | OLIBANUM, OIL | | FEMA 2816 |
| | | | | ORRIS, CONCRETE, LIQ/OIL | | FEMA 2829 |
| | | | | ORRIS ROOT EXTRACT | | FEMA 2830 |
| | | | | PATCHOULY, OIL | | FEMA 2838 |
| | | | | PENNYROYAL, OIL | | FEMA 2839 |
| | | | | PINE NEED, DWARF, OIL | | FEMA 2904 |
| | | | | PINE, SCOTCH, OIL | | FEMA 2906 |
| | | | | QUASSIA, EXTRACT | | FEMA 2971 |
| | | | | QUEBRACHO BARK, EXTRACT | | FEMA 2972 |
| | | | | QUILLAJA | NAS 0399 | FEMA 2973 |
| | | | | RHATANY, EXTRACT | | FEMA 2979 |
| | | | | SANDALWOOD, YELLOW, OIL | | FEMA 3005 |
| | | | | SARSAPARILLA, EXTRACT | | FEMA 3009 |
| | | | | SNAKEROOT, CANADIAN, OIL | | FEMA 3023 |
| | | | | SPRUCE, OIL | | FEMA 3034 |
| | | | | STORAX | | FEMA 3036 |
| | | | | STYRAX, EXTRACT | | FEMA 3037 |
| | | | | TAGETES, OIL | | FEMA 3040 |
| | | | | TOLU, BALSAM, EXTRACT | | FEMA 3069 |
| | | | | TOLU, BALSAM, GUM | | FEMA 3070 |
| | | | | TURPENTINE, STEAM DIS | | FEMA 3089 |
| | | | | VALERIAN ROOT, EXTR | | FEMA 3099 |
| | | | | VALERIAN ROOT, OIL | | FEMA 3100 |
| | | | | WALNUT HULL, EXTRACT | | FEMA 3111 |
| | | | | WORMWOOD, EXTRACT | | FEMA 3115 |
| | | | | WORMWOOD, OIL | | FEMA 3116 |
| | | | | YERBA SANTA, FLD EXTR | | FEMA 3118 |
| | | | | AMYRIS | | FEMA 3254 |
| | | | | ARNICA, FLOWERS | | FEMA 3256 |
| | | | | COPAIBA | | FEMA 3280 |
| | | | | DAMIANA, LEAVES | | FEMA 3288 |
| | | | | ELECAMPANE, RIZIZ/ROOT | | FEMA 3294 |
| | | | | GENTIAN, STEMLESS | | FEMA 3304 |
| | | | | LEMON, VERBENA | | FEMA 3327 |
| | | | | LUNGMOSS (LUNGWORT) | | FEMA 3331 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | OPOPANAX | FEMA 3365 |
| | | | | RHUBARB, ROOT | FEMA 3382 |
| | | | | ROSELLE | FEMA 3383 |
| | | | | ST. JOHNSWORT | FEMA 3385 |
| | | | | SERPENTARIA | FEMA 3389 |
| | | | | SIMARUBA, BARK | FEMA 3390 |
| | | | | VETIVER | FEMA 3406 |
| | | | | VIOLET, SWISS | FEMA 3407 |
| | | | | WOODRUFF, SWEET | FEMA 3408 |
| | | | | ACETAL | FEMA 2002 |
| | | | | ACETALDEHYDE PHENETHYL PR | FEMA 2004 |
| | | | | ACETANISOLE | FEMA 2005 |
| | | | | ACETOPHENONE | FEMA 2009 |
| | | | | ALLYL ANTHRANILATE | FEMA 2020 |
| | | | | ALLYL BUTYRATE | FEMA 2021 |
| | | | | ALLYL CINNAMATE | FEMA 2022 |
| | | | | ALLYL CYCLOHEXANEACETATE | FEMA 2023 |
| | | | | ALLYL CYCLOHEXANEBUTYRATE | FEMA 2024 |
| | | | | ALLYL CYCLOHEXANEHEXANOAT | FEMA 2025 |
| | | | | ALLYL CYCLOHEXANEPROPIONA | FEMA 2026 |
| | | | | ALLYL CYCLOHEXANEVALERATE | FEMA 2027 |
| | | | | DIALLYL DISULFIDE | FEMA 2028 |
| | | | | ALLYL 2-ETHYLBUTYRATE | FEMA 2029 |
| | | | | ALLYL HEXANOATE | FEMA 2032 |
| | | | | ALLYL A&-IONONE | FEMA 2033 |
| | | | | ALLYL ISOTHIOCYANATE | FEMA 2034 |
| | | | | ALLYL MERCAPTAN | FEMA 2035 |
| | | | | ALLYL NONANOATE | FEMA 2036 |
| | | | | ALLYL OCTANOATE | FEMA 2037 |
| | | | | ALLYL PHENOXYACETATE | FEMA 2038 |
| | | | | ALLYL PHENYLACETATE | FEMA 2039 |
| | | | | ALLYL PROPIONATE | FEMA 2040 |
| | | | | ALLYL SORBATE | FEMA 2041 |
| | | | | DIALLYL SULFIDE | FEMA 2042 |
| | | | | ALLYL TIGLATE | FEMA 2043 |
| | | | | ALLYL 1-UNDECENOATE | FEMA 2044 |
| | | | | ALLYL ISOVALERATE | FEMA 2045 |
| | | | | AMMONIUM SULFIDE | FEMA 2053 |
| | | | | AMMONIUM ISOVALERATE | FEMA 2054 |
| | | | | ISOAMYL ACETATE | FEMA 2055 |
| | | | | AMYL ALCOHOL | FEMA 2056 |
| | | | | ISOAMYL ALCOHOL | FEMA 2057 |
| | | | | ISOAMYL BENZOATE | FEMA 2058 |
| | | | | AMYL BUTYRATE | FEMA 2059 |
| | | | | ISOAMYL BUTYRATE | FEMA 2060 |
| | | | | A&-AMYLCINNAMALDEHYDE | FEMA 2061 |
| | | | | A&-AMYLCINNAMALDEHYD DIME | FEMA 2062 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | ISOAMYL CINNAMATE | FEMA 2063 |
| | | | | A&-AMYLCINNAMYL ACETATE | FEMA 2064 |
| | | | | A&-AMYLCINNAMYL ALCOHOL | FEMA 2065 |
| | | | | A&-AMYLCINNAMYL FORMATE | FEMA 2066 |
| | | | | A&-AMYLCINNAMYL ISOVALER | FEMA 2067 |
| | | | | AMYL FORMATE | FEMA 2068 |
| | | | | ISOAMYL FORMATE | FEMA 2069 |
| | | | | ISOAMYL 2-FURANBUTYRATE | FEMA 2070 |
| | | | | ISOAMYL 2-FURANPROPIONATE | FEMA 2071 |
| | | | | AMYL HEPTANOATE | FEMA 2073 |
| | | | | AMYL HEXANOATE | FEMA 2074 |
| | | | | ISOAMYL HEXANOATE | FEMA 2075 |
| | | | | ISOAMYL LAURATE | FEMA 2077 |
| | | | | ISOAMYL NONANOATE | FEMA 2078 |
| | | | | AMYL OCTANOATE | FEMA 2079 |
| | | | | ISOAMYL OCTANOATE | FEMA 2080 |
| | | | | ISOAMYL PHENYLACETATE | FEMA 2081 |
| | | | | ISOAMYL PROPIONATE | FEMA 2082 |
| | | | | ISOAMYL PYRUVATE | FEMA 2083 |
| | | | | ISOAMYL SALICYLATE | FEMA 2084 |
| | | | | ISOAMYL ISOVALERATE | FEMA 2085 |
| | | | | ANISOLE | FEMA 2097 |
| | | | | ANISYL ACETATE | FEMA 2098 |
| | | | | ANISYL ALCOHOL | FEMA 2099 |
| | | | | ANISYL BUTYRATE | FEMA 2100 |
| | | | | ANISYL FORMATE | FEMA 2101 |
| | | | | ANISYL PROPIONATE | FEMA 2102 |
| | | | | BENZALDEHYDE DIME ACETAL | FEMA 2128 |
| | | | | BENZALD. GLYCERYL ACETAL | FEMA 2129 |
| | | | | BENZALD PROPYLENE GLYC | FEMA 2130 |
| | | | | BENZOIN | FEMA 2132 |
| | | | | BENZOPHENONE | FEMA 2134 |
| | | | | BENZYL ACETATE | FEMA 2135 |
| | | | | BENZYL ACETOACETATE | FEMA 2136 |
| | | | | BENZYL ALCOHOL | FEMA 2137 |
| | | | | BENZYL BENZOATE | FEMA 2138 |
| | | | | BENZYL BUTYL ETHER | FEMA 2139 |
| | | | | BENZYL BUTYRATE | FEMA 2140 |
| | | | | BENZYL ISOBUTYRATE | FEMA 2141 |
| | | | | BENZYL CINNAMATE | FEMA 2142 |
| | | | | BENZYL 2,3-DIMETHYLCROTON | FEMA 2143 |
| | | | | BENZYL ETHYL ETHER | FEMA 2144 |
| | | | | BENZYL FORMATE | FEMA 2145 |
| | | | | 3-BENZYL-4-HEPTANONE | FEMA 2146 |
| | | | | BENZYL MERCAPTAN | FEMA 2147 |
| | | | | BENZYL METHOXYETHYL ACETA | FEMA 2148 |
| | | | | BENZYL PHENYLACETATE | FEMA 2149 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | BENZYL PROPIONATE | FEMA 2150 |
| | | | | BENZYL SALICYLATE | FEMA 2151 |
| | | | | BENZYL ISOVALERATE | FEMA 2152 |
| | | | | BOIS DE ROSE, OIL | FEMA 2156 |
| | | | | BORNEOL | FEMA 2157 |
| | | | | ISOBORNEOL | FEMA 2158 |
| | | | | BORNYL ACETATE | FEMA 2159 |
| | | | | ISOBORNYL ACETATE | FEMA 2160 |
| | | | | BORNYL FORMATE | FEMA 2161 |
| | | | | ISOBORNYL FORMATE | FEMA 2162 |
| | | | | ISOBORNYL PROPIONATE | FEMA 2163 |
| | | | | BORNYL ISOVALERATE | FEMA 2165 |
| | | | | ISOBORNYL ISOVALERATE | FEMA 2166 |
| | | | | 2-BUTANONE | FEMA 2170 |
| | | | | BUTTER ACIDS | FEMA 2171 |
| | | | | BUTTER ESTERS | FEMA 2172 |
| | | | | BUTTER STARTER DIST | FEMA 2173 |
| | | | | BUTYL ACETATE | FEMA 2174 |
| | | | | ISOBUTYL ACETATE | FEMA 2175 |
| | | | | BUTYL ACETOACETATE | FEMA 2176 |
| | | | | ISOBUTYL ACETOACETATE | FEMA 2177 |
| | | | | BUTYL ALCOHOL | FEMA 2178 |
| | | | | ISOBUTYL ALCOHOL | FEMA 2179 |
| | | | | ISOBUTYL ANGELATE | FEMA 2180 |
| | | | | BUTYL ANTHRANILATE | FEMA 2181 |
| | | | | ISOBUTYL ANTHRANILATE | FEMA 2182 |
| | | | | ISOBUTYL BENZOATE | FEMA 2185 |
| | | | | BUTYL BUTYRATE | FEMA 2186 |
| | | | | ISOBUTYL BUTYRATE | FEMA 2187 |
| | | | | BUTYL ISOBUTYRATE | FEMA 2188 |
| | | | | ISOBUTYL ISOBUTYRATE | FEMA 2189 |
| | | | | BUTYL BUTYRYLLACTATE | FEMA 2190 |
| | | | | A&-BUTYLCINNAMALDEHYDE | FEMA 2191 |
| | | | | BUTYL CINNAMATE | FEMA 2192 |
| | | | | ISOBUTYL CINNAMATE | FEMA 2193 |
| | | | | BUTYL 2-DECENOATE | FEMA 2194 |
| | | | | BUTYL ETHYL MALONATE | FEMA 2195 |
| | | | | BUTYL FORMATE | FEMA 2196 |
| | | | | ISOBUTYL FORMATE | FEMA 2197 |
| | | | | ISOBUTYL 2-FURANPROPIONAT | FEMA 2198 |
| | | | | BUTYL HEPTANOATE | FEMA 2199 |
| | | | | ISOBUTYL HEPTANOATE | FEMA 2200 |
| | | | | BUTYL HEXANOATE | FEMA 2201 |
| | | | | ISOBUTYL HEXANOATE | FEMA 2202 |
| | | | | BUTYL LACTATE | FEMA 2205 |
| | | | | BUTYL LAURATE | FEMA 2206 |
| | | | | BUTYL LEVULINATE | FEMA 2207 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | A&-ISOBUTYLPHENETHYL ALCO | FEMA 2208 |
| | | | | BUTYL PHENYLACETATE | FEMA 2209 |
| | | | | ISOBUTYL PHENYLACETATE | FEMA 2210 |
| | | | | BUTYL PROPIONATE | FEMA 2211 |
| | | | | ISOBUTYL PROPIONATE | FEMA 2212 |
| | | | | ISOBUTYL SALICYLATE | FEMA 2213 |
| | | | | BUTYL STEARATE | FEMA 2214 |
| | | | | DIBUTYL SULFIDE | FEMA 2215 |
| | | | | BUTYL 10-UNDECENOATE | FEMA 2216 |
| | | | | BUTYL VALERATE | FEMA 2217 |
| | | | | BUTYL ISOVALERATE | FEMA 2218 |
| | | | | BUTYRALDEHYDE | FEMA 2219 |
| | | | | ISOBUTYRALDEHYDE | FEMA 2220 |
| | | | | ISOBUTYRIC ACID | FEMA 2222 |
| | | | | CAMPHENE | FEMA 2229 |
| | | | | /&/-CAMPHOR | FEMA 2230 |
| | | | | CARVACROL | FEMA 2245 |
| | | | | CARVACRYL ETHYL ETHER | FEMA 2246 |
| | | | | CARVEOL | FEMA 2247 |
| | | | | 4-CARVOMENTHENOL | FEMA 2248 |
| | | | | CARVYL ACETATE | FEMA 2250 |
| | | | | CARVYL PROPIONATE | FEMA 2251 |
| | | | | B&-CARYOPHYLLENE | FEMA 2252 |
| | | | | CINNAMIC ACID | FEMA 2288 |
| | | | | CINNAMYL ACETATE | FEMA 2293 |
| | | | | CINNAMYL ALCOHOL | FEMA 2294 |
| | | | | CINNAMYL ANTHRANILATE | FEMA 2295 |
| | | | | CINNAMYL BUTYRATE | FEMA 2296 |
| | | | | CINNAMYL ISOBUTYRATE | FEMA 2297 |
| | | | | CINNAMYL CINNAMATE | FEMA 2298 |
| | | | | CINNAMYL FORMATE | FEMA 2299 |
| | | | | CINNAMYL PHENYLACETATE | FEMA 2300 |
| | | | | CINNAMYL PROPIONATE | FEMA 2301 |
| | | | | CINNAMYL ISOVALERATE | FEMA 2302 |
| | | | | CITRAL DIETHYL ACETAL | FEMA 2304 |
| | | | | CITRAL DIMETHYL ACETAL | FEMA 2305 |
| | | | | CITRONELLAL | FEMA 2307 |
| | | | | DL-CITRONELLOL | FEMA 2309 |
| | | | | CITRONELLOXYACETALDEHYDE | FEMA 2310 |
| | | | | CITRONELLYL ACETATE | FEMA 2311 |
| | | | | CITRONELLYL BUTYRATE | FEMA 2312 |
| | | | | CITRONELLYL ISOBUTYRATE | FEMA 2313 |
| | | | | CITRONELLYL FORMATE | FEMA 2314 |
| | | | | CITRONELLYL PHENYLACETATE | FEMA 2315 |
| | | | | CITRONELLYL PROPRIONATE | FEMA 2316 |
| | | | | CITRONELLYL VALERATE | FEMA 2317 |
| | | | | P&-CRESOL | FEMA 2337 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | CUMINALDEHYDE | FEMA 2341 |
| | | | | CYCLOHEXANEACETIC ACID | FEMA 2347 |
| | | | | CYCLOHEXANE-ETHYL ACETATE | FEMA 2348 |
| | | | | CYCLOHEXYL ACETATE | FEMA 2349 |
| | | | | CYCLOHEXYL ANTHRANILATE | FEMA 2350 |
| | | | | CYCLOHEXYL BUTYRATE | FEMA 2351 |
| | | | | CYCLOHEXYL CINNAMATE | FEMA 2352 |
| | | | | CYCLOHEXYL FORMATE | FEMA 2353 |
| | | | | CYCLOHEXYL PROPIONATE | FEMA 2354 |
| | | | | CYCLOHEXYL ISOVALERATE | FEMA 2355 |
| | | | | P@-CYMENE | FEMA 2356 |
| | | | | G&-DECALACTONE | FEMA 2360 |
| | | | | D&-DECALACTONE | FEMA 2361 |
| | | | | DECANAL DIMETHYL ACETAL | FEMA 2363 |
| | | | | 1-DECANOL | FEMA 2365 |
| | | | | 2-DECENAL | FEMA 2366 |
| | | | | DECYL ACETATE | FEMA 2367 |
| | | | | DECYL BUTYRATE | FEMA 2368 |
| | | | | DECYL PROPIONATE | FEMA 2369 |
| | | | | DIBENZYL ETHER | FEMA 2371 |
| | | | | 4,4-DIBUTYL-G&-BUTYROLACT | FEMA 2372 |
| | | | | DIBUTYL SEBACATE | FEMA 2373 |
| | | | | DIETHYL MALATE | FEMA 2374 |
| | | | | DIETHYL MALONATE | FEMA 2375 |
| | | | | DIETHYL SEBACATE | FEMA 2376 |
| | | | | DIETHYL SUCCINATE | FEMA 2377 |
| | | | | DIHYDROCARVEOL | FEMA 2379 |
| | | | | DIHYDROCARVYL ACETATE | FEMA 2380 |
| | | | | M@-DIMETHOXYBENZENE | FEMA 2385 |
| | | | | P@-DIMETHOXYBENZENE | FEMA 2386 |
| | | | | 2,4-DIMETHYLACETOPHENONE | FEMA 2387 |
| | | | | A&-DIMETHYLBENZYL ISOBUTY | FEMA 2388 |
| | | | | 2,6-DIMETHYL-5-HEPTENAL | FEMA 2389 |
| | | | | 2,6-DIMETHYLOCTANAL | FEMA 2390 |
| | | | | 3,7-DIMETHYL OCTANOL-1 | FEMA 2391 |
| | | | | A&-DIMETHYLPHENETHYL ACET | FEMA 2392 |
| | | | | A&-DIMETHYLPHENETHYL ALCO | FEMA 2393 |
| | | | | A&-DIMETHYLPHENETHYL BUTY | FEMA 2394 |
| | | | | A&-DIMETHYLPHENETHYL FORM | FEMA 2395 |
| | | | | DIMETHYL SUCCINATE | FEMA 2396 |
| | | | | 1,3-DIPHENYL PROPANONE-2 | FEMA 2397 |
| | | | | G&-DODECALACTONE | FEMA 2400 |
| | | | | D&-DODECALACTONE | FEMA 2401 |
| | | | | 2-DODECENAL | FEMA 2402 |
| | | | | ESTRAGOLE | FEMA 2411 |
| | | | | P@-ETHOXYBENZALDEHYDE | FEMA 2413 |
| | | | | ETHYL ACETOACETATE | FEMA 2415 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | ETHYL 2-ACETYL-3-PHENYLPR | FEMA 2416 |
| | | | | ETHYL ACONITATE | FEMA 2417 |
| | | | | ETHYL ACRYLATE | FEMA 2418 |
| | | | | ETHYL P@-ANISATE | FEMA 2420 |
| | | | | ETHYL ANTHRANILATE | FEMA 2421 |
| | | | | ETHYL BENZOATE | FEMA 2422 |
| | | | | ETHYL BENZOYLACETATE | FEMA 2423 |
| | | | | A&-ETHYLBENZYL BUTYRATE | FEMA 2424 |
| | | | | 2-ETHYLBUTYL ACETATE | FEMA 2425 |
| | | | | 2-ETHYLBUTYRALDEHYDE | FEMA 2426 |
| | | | | ETHYL ISOBUTYRATE | FEMA 2428 |
| | | | | 2-ETHYLBUTYRIC ACID | FEMA 2429 |
| | | | | ETHYL CINNAMATE | FEMA 2430 |
| | | | | ETHYL CYCLOHEXANEPROPIONA | FEMA 2431 |
| | | | | ETHYL DECANOATE | FEMA 2432 |
| | | | | ETHYL 2-FURANPROPIONATE | FEMA 2435 |
| | | | | 4-ETHYLGUAIACOL | FEMA 2436 |
| | | | | ETHYL HEPTANOATE | FEMA 2437 |
| | | | | 2-ETHYL-2-HEPTENAL | FEMA 2438 |
| | | | | ETHYL HEXANOATE | FEMA 2439 |
| | | | | ETHYL LACTATE | FEMA 2440 |
| | | | | ETHYL LAURATE | FEMA 2441 |
| | | | | ETHYL LEVULINATE | FEMA 2442 |
| | | | | ETHYL 2-METHYLBUTYRATE | FEMA 2443 |
| | | | | ETHYL MYRISTATE | FEMA 2445 |
| | | | | ETHYL NITRITE | FEMA 2446 |
| | | | | ETHYL NONANOATE | FEMA 2447 |
| | | | | ETHYL 2-NONYNOATE | FEMA 2448 |
| | | | | ETHYL OCTANOATE | FEMA 2449 |
| | | | | ETHYL OLEATE | FEMA 2450 |
| | | | | ETHYL PHENYLACETATE | FEMA 2452 |
| | | | | ETHYL 4-PHENYLBUTYRATE | FEMA 2453 |
| | | | | ETHYL 3-PHENYLGLYCIDATE | FEMA 2454 |
| | | | | ETHYL 3-PHENYLPROPIONATE | FEMA 2455 |
| | | | | ETHYL PROPIONATE | FEMA 2456 |
| | | | | ETHYL PYRUVATE | FEMA 2457 |
| | | | | ETHYL SALICYLATE | FEMA 2458 |
| | | | | ETHYL TIGLATE | FEMA 2460 |
| | | | | ETHYL 10-UNDECENOATE | FEMA 2461 |
| | | | | ETHYL VALERATE | FEMA 2462 |
| | | | | ETHYL ISOVALERATE | FEMA 2463 |
| | | | | EUCALYPTOL | FEMA 2465 |
| | | | | ISOEUGENOL | FEMA 2468 |
| | | | | EUGENYL ACETATE | FEMA 2469 |
| | | | | ISOEUGENYL ACETATE | FEMA 2470 |
| | | | | EUGENYL BENZOATE | FEMA 2471 |
| | | | | ISOEUGENYL ETHYL ETHER | FEMA 2472 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 01 | BAKED GOODS(A) | 11 | FLAV AGNT | EUGENYL FORMATE | FEMA 2473 |
| | | | | ISOEUGENYL FORMATE | FEMA 2474 |
| | | | | EUGENYL METHYL ETHER | FEMA 2475 |
| | | | | ISOEUGENYL METHYL ETHER | FEMA 2476 |
| | | | | ISOEUGENYL PHENYLACETATE | FEMA 2477 |
| | | | | FARNESOL | FEMA 2478 |
| | | | | /G/-FENCHONE | FEMA 2479 |
| | | | | FENCHYL ALCOHOL | FEMA 2480 |
| | | | | FORMIC ACID | FEMA 2487 |
| | | | | /2-FURYL/-2-PROPANONE | FEMA 2496 |
| | | | | ISOAMYL FUSEL OIL | FEMA 2497 |
| | | | | GERANYL ACETOACETATE | FEMA 2510 |
| | | | | GERANYL BENZOATE | FEMA 2511 |
| | | | | GERANYL BUTYRATE | FEMA 2512 |
| | | | | GERANYL ISOBUTYRATE | FEMA 2513 |
| | | | | GERANYL FORMATE | FEMA 2514 |
| | | | | GERANYL HEXANOATE | FEMA 2515 |
| | | | | GERANYL PHENYLACETATE | FEMA 2516 |
| | | | | GERANYL PROPIONATE | FEMA 2517 |
| | | | | GERANYL ISOVALERATE | FEMA 2518 |
| | | | | GLYCERYL MONOOLEATE | FEMA 2526 |
| | | | | GUAIACOL | FEMA 2532 |
| | | | | GUAIACYL PHENYLACETATE | FEMA 2535 |
| | | | | G&-HEPTALACTONE | FEMA 2539 |
| | | | | HEPTANAL | FEMA 2540 |
| | | | | HEPTANAL DIMETHYL ACETAL | FEMA 2541 |
| | | | | HEPTANAL GLYCERYL ACETAL | FEMA 2542 |
| | | | | 2,3-HEPTANEDIONE | FEMA 2543 |
| | | | | 2-HEPTANONE | FEMA 2544 |
| | | | | 3-HEPTANONE | FEMA 2545 |
| | | | | 4-HEPTANONE | FEMA 2546 |
| | | | | HEPTYL ACETATE | FEMA 2547 |
| | | | | HEPTYL ALCOHOL | FEMA 2548 |
| | | | | HEPTYL BUTYRATE | FEMA 2549 |
| | | | | HEPTYL ISOBUTYRATE | FEMA 2550 |
| | | | | HEPTYL CINNAMATE | FEMA 2551 |
| | | | | HEPTYL FORMATE | FEMA 2552 |
| | | | | HEPTYL OCTANOATE | FEMA 2553 |
| | | | | W&-6-HEXADECENLACTONE | FEMA 2555 |
| | | | | G&-HEXALACTONE | FEMA 2556 |
| | | | | HEXANAL | FEMA 2557 |
| | | | | 2,3-HEXANEDIONE | FEMA 2558 |
| | | | | HEXANOIC ACID | FEMA 2559 |
| | | | | 2-HEXENAL | FEMA 2560 |
| | | | | 2-HEXENOL-1 | FEMA 2562 |
| | | | | 3-HEXENOL-1 | FEMA 2563 |
| | | | | 2-HEXENYL ACETATE | FEMA 2564 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | HEXYL ACETATE | FEMA 2565 |
| | | | | HEXYL ALCOHOL | FEMA 2567 |
| | | | | HEXYL BUTYRATE | FEMA 2568 |
| | | | | A&-HEXYLCINNAMALDEHYDE | FEMA 2569 |
| | | | | HEXYL FORMATE | FEMA 2570 |
| | | | | HEXYL HEXANOATE | FEMA 2572 |
| | | | | 2-HEXYLIDENECYCLOPENTANON | FEMA 2573 |
| | | | | HEXYL OCTANOATE | FEMA 2575 |
| | | | | HEXYL PROPIONATE | FEMA 2576 |
| | | | | HYDROXYCITRONELLAL | FEMA 2583 |
| | | | | HYDROXYCITRONELLAL DIETHY | FEMA 2584 |
| | | | | HYDROXYCITRONELLAL DIMETH | FEMA 2585 |
| | | | | HYDROXYCITRONELLOL | FEMA 2586 |
| | | | | 5-HYDROXY-4-OCTANONE | FEMA 2587 |
| | | | | 4-P-HYDROXYPHEN-BUTANONE | FEMA 2588 |
| | | | | INDOLE | FEMA 2593 |
| | | | | A&-IONONE | FEMA 2594 |
| | | | | B&-IONONE | FEMA 2595 |
| | | | | A&-IRONE | FEMA 2597 |
| | | | | LAURIC ALDEHYDE | FEMA 2615 |
| | | | | LAURYL ACETATE | FEMA 2616 |
| | | | | LAURYL ALCOHOL | FEMA 2617 |
| | | | | LEVULINIC ACID | FEMA 2627 |
| | | | | LINALYL ANTHRANILATE | FEMA 2637 |
| | | | | LINALYL BENZOATE | FEMA 2638 |
| | | | | LINALYL BUTYRATE | FEMA 2639 |
| | | | | LINALYL ISOBUTYRATE | FEMA 2640 |
| | | | | LINALYL CINNAMATE | FEMA 2641 |
| | | | | LINALYL FORMATE | FEMA 2642 |
| | | | | LINALYL HEXANOATE | FEMA 2643 |
| | | | | LINALYL OCTANOATE | FEMA 2644 |
| | | | | LINALYL PROPIONATE | FEMA 2645 |
| | | | | LINALYL ISOVALERATE | FEMA 2646 |
| | | | | MALTOL | FEMA 2656 |
| | | | | P@-MENTHA-1,8-DIENOL-7 | FEMA 2664 |
| | | | | /&/-NEOMENTHOL | FEMA 2666 |
| | | | | MENTHONE | FEMA 2667 |
| | | | | MENTHYL ISOVALERATE | FEMA 2669 |
| | | | | P@-METHOXYBENZALDEHYDE | FEMA 2670 |
| | | | | 2-METHOXY-4-METHYLPHENOL | FEMA 2671 |
| | | | | 4-P-METHOXYPHENY-BUTANONE | FEMA 2672 |
| | | | | 1-P-METHOXYPHEN-1-PENTEND | FEMA 2673 |
| | | | | 1-P-METHOXYPHEN-PROPANONE | FEMA 2674 |
| | | | | 2-METHOXY-4-VINYLPHENOL | FEMA 2675 |
| | | | | METHYL ACETATE | FEMA 2676 |
| | | | | P@-METHYL ACETOPHENONE | FEMA 2677 |
| | | | | 2-METHYLALLYL BUTYRATE | FEMA 2678 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | METHYL ANISATE | FEMA 2679 |
| | | | | OA-METHYLANISOLE | FEMA 2680 |
| | | | | PA-METHYLANISOLE | FEMA 2681 |
| | | | | METHYL BENZOATE | FEMA 2683 |
| | | | | AA-METHYLBENZYL ACETATE | FEMA 2684 |
| | | | | AA-METHYLBENZYL ALCOHOL | FEMA 2685 |
| | | | | AA-METHYLBENZYL BUTYRATE | FEMA 2686 |
| | | | | AA-METHYLBENZYL ISOBUTYRA | FEMA 2687 |
| | | | | AA-METHYLBENZYL FORMATE | FEMA 2688 |
| | | | | AA-METHYLBENZYL PROPIONAT | FEMA 2689 |
| | | | | METHYL PA-TERT-BUTYLPHENY | FEMA 2690 |
| | | | | 2-METHYLBUTYRALDEHYDE | FEMA 2691 |
| | | | | 3-METHYLBUTYRALDEHYDE | FEMA 2692 |
| | | | | METHYL BUTYRATE | FEMA 2693 |
| | | | | METHYL ISOBUTYRATE | FEMA 2694 |
| | | | | 2-METHYLBUTYRIC ACID | FEMA 2695 |
| | | | | AA-METHYLCINNAMALDEHYDE | FEMA 2697 |
| | | | | METHYL CINNAMATE | FEMA 2698 |
| | | | | METHYLCYCLOPENTENOLONE | FEMA 2700 |
| | | | | METHYL HEPTANOATE | FEMA 2705 |
| | | | | 2-METHYLHEPTANOIC ACID | FEMA 2706 |
| | | | | 6-METHYL-5-HEPTENONE-2 | FEMA 2707 |
| | | | | METHYL HEXANOATE | FEMA 2708 |
| | | | | METHYL 2-HEXENOATE | FEMA 2709 |
| | | | | METHYL-AA-IONONE | FEMA 2711 |
| | | | | METHYL-BA-IONONE | FEMA 2712 |
| | | | | METHYL-DA-IONONE | FEMA 2713 |
| | | | | ISOMETHYLIONONE, AA- | FEMA 2714 |
| | | | | METHYL LAURATE | FEMA 2715 |
| | | | | METHYL MERCAPTAN | FEMA 2716 |
| | | | | METHYL OA-METHOXYBENZOATE | FEMA 2717 |
| | | | | METHYL N-METHYLANTHRANILA | FEMA 2718 |
| | | | | METHYL 2-METHYLBUTYRATE | FEMA 2719 |
| | | | | METHYL 3-METHYLTHIOPROPIO | FEMA 2720 |
| | | | | METHYL 4-METHYLVALERATE | FEMA 2721 |
| | | | | METHYL MYRISTATE | FEMA 2722 |
| | | | | METHYL BA-NAPHTHYL KETONE | FEMA 2723 |
| | | | | METHYL NONANOATE | FEMA 2724 |
| | | | | METHYL 2-NONENOATE | FEMA 2725 |
| | | | | METHYL 2-NONYNOATE | FEMA 2726 |
| | | | | 2-METHYLOCTANAL | FEMA 2727 |
| | | | | METHYL OCTANOATE | FEMA 2728 |
| | | | | METHYL 2-OCTYNOATE | FEMA 2729 |
| | | | | 4-METHYL-2,3-PENTANEDIONE | FEMA 2730 |
| | | | | 4-METHYL-2-PENTANONE | FEMA 2731 |
| | | | | BA-METHYLPHENETHYL ALCOHO | FEMA 2732 |
| | | | | METHYL PHENYLACETATE | FEMA 2733 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | 3-METHYL-4-PHENYL-3-BUTEN | FEMA 2734 |
| | | | | 2-METHYL-4-PHENYL-2-BUTYL | FEMA 2735 |
| | | | | 2-METHYL-4-PHENYL-2-BUTYL | FEMA 2736 |
| | | | | 3-METHYL-2-PHENYLBUTYRALD | FEMA 2738 |
| | | | | METHYL 4-PHENYLBUTYRATE | FEMA 2739 |
| | | | | 4-METHYL-1-PHENYLPENTANON | FEMA 2740 |
| | | | | METHYL 3-PHENYLPROPIONATE | FEMA 2741 |
| | | | | METHYL PROPIONATE | FEMA 2742 |
| | | | | VIOLET ALPINE | FEMA 2743 |
| | | | | 6-METHYLQUINOLINE | FEMA 2744 |
| | | | | DIMETHYL SULFIDE | FEMA 2746 |
| | | | | 2-METHYLTHIOPROPIONALDEHY | FEMA 2747 |
| | | | | 2-METHYL-3-TOLYL PROPIONA | FEMA 2748 |
| | | | | 2-METHYLUNDECANAL | FEMA 2749 |
| | | | | METHYL 9-UNDECENOATE | FEMA 2750 |
| | | | | METHYL 2-UNDECYNOATE | FEMA 2751 |
| | | | | METHYL VALERATE | FEMA 2752 |
| | | | | METHYL ISOVALERATE | FEMA 2753 |
| | | | | 2-METHYLVALERIC ACID | FEMA 2754 |
| | | | | MYRCENE | FEMA 2762 |
| | | | | MYRISTALDEHYDE | FEMA 2763 |
| | | | | NEROL | FEMA 2770 |
| | | | | NEROLIDOL | FEMA 2772 |
| | | | | NERYL ACETATE | FEMA 2773 |
| | | | | NERYL BUTYRATE | FEMA 2774 |
| | | | | NERYL ISOBUTYRATE | FEMA 2775 |
| | | | | NERYL FORMATE | FEMA 2776 |
| | | | | NERYL PROPIONATE | FEMA 2777 |
| | | | | NERYL ISOVALERATE | FEMA 2778 |
| | | | | 2,6-NONADIENOL-1 | FEMA 2780 |
| | | | | G&-NONALACTONE | FEMA 2781 |
| | | | | NONANAL | FEMA 2782 |
| | | | | 1,3-NONANEDIOL ACETATE | FEMA 2783 |
| | | | | NONANOIC ACID | FEMA 2784 |
| | | | | 2-NONANONE | FEMA 2785 |
| | | | | N-/4-HYDROXY-3-METHOXYBEN | FEMA 2787 |
| | | | | NONYL ACETATE | FEMA 2788 |
| | | | | NONYL ALCOHOL | FEMA 2789 |
| | | | | NONYL OCTANOATE | FEMA 2790 |
| | | | | NONYL ISOVALERATE | FEMA 2791 |
| | | | | G&-OCTALACTONE | FEMA 2796 |
| | | | | OCTANAL | FEMA 2797 |
| | | | | OCTANAL DIMETHYL ACETAL | FEMA 2798 |
| | | | | 1-OCTANOL | FEMA 2800 |
| | | | | 2-OCTANOL | FEMA 2801 |
| | | | | 2-OCTANONE | FEMA 2802 |
| | | | | 3-OCTANONE | FEMA 2803 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | 3-OCTANONOL-1 | FEMA 2804 |
| | | | | 1-OCTENOL-3 | FEMA 2805 |
| | | | | OCTYL ACETATE | FEMA 2806 |
| | | | | OCTYL BUTYRATE | FEMA 2807 |
| | | | | OCTYL ISOBUTYRATE | FEMA 2808 |
| | | | | OCTYL FORMATE | FEMA 2809 |
| | | | | OCTYL HEPTANOATE | FEMA 2810 |
| | | | | OCTYL OCTANOATE | FEMA 2811 |
| | | | | OCTYL PHENYLACETATE | FEMA 2812 |
| | | | | OCTYL PROPIONATE | FEMA 2813 |
| | | | | OCTYL ISOVALERATE | FEMA 2814 |
| | | | | W6-PENTADECALACTONE | FEMA 2840 |
| | | | | 2,3-PENTANEDIONE | FEMA 2841 |
| | | | | 2-PENTANONE | FEMA 2842 |
| | | | | 4-PENTENOIC ACID | FEMA 2843 |
| | | | | A6-PHELLANDRENE | FEMA 2856 |
| | | | | PHENETHYL ACETATE | FEMA 2857 |
| | | | | PHENETHYL ALCOHOL | FEMA 2858 |
| | | | | PHENETHYL ANTHRANILATE | FEMA 2859 |
| | | | | PHENETHYL BENZOATE | FEMA 2860 |
| | | | | PHENETHYL BUTYRATE | FEMA 2861 |
| | | | | PHENETHYL ISOBUTYRATE | FEMA 2862 |
| | | | | PHENETHYL CINNAMATE | FEMA 2863 |
| | | | | PHENETHYL FORMATE | FEMA 2864 |
| | | | | PHENETHYL PHENYLACETATE | FEMA 2866 |
| | | | | PHENETHYL PROPIONATE | FEMA 2867 |
| | | | | PHENETHYL SALICYLATE | FEMA 2868 |
| | | | | PHENETHYL SENECIOATE | FEMA 2869 |
| | | | | PHENETHYL TIGLATE | FEMA 2870 |
| | | | | PHENETHYL ISOVALERATE | FEMA 2871 |
| | | | | PHENOXYACETIC ACID | FEMA 2872 |
| | | | | 2-PHENOXYETHYL ISOBUTYRAT | FEMA 2873 |
| | | | | PHENYLACETALDEHYDE | FEMA 2874 |
| | | | | PHENYLACETALDEHYDE 2,3-BU | FEMA 2875 |
| | | | | PHENYLACETALDEHYDE DIMETH | FEMA 2876 |
| | | | | PH-ACETALD. GLYCERYL ACET | FEMA 2877 |
| | | | | PHENYLACETIC ACID | FEMA 2878 |
| | | | | 4-PHENYLBUTANOL-2 | FEMA 2879 |
| | | | | 4-PHENYL-3-BUTENOL-2 | FEMA 2880 |
| | | | | 4-PHENYL-3-BUTENONE-2 | FEMA 2881 |
| | | | | 4-PHENYLBUTYL-2 ACETATE | FEMA 2882 |
| | | | | 1-PHENYL-3-METHYLPENTANOL | FEMA 2883 |
| | | | | 1-PHENYLPROPANOL-1 | FEMA 2884 |
| | | | | 3-PHENYLPROPANOL-1 | FEMA 2885 |
| | | | | 2-PHENYLPROPIONALDEHYDE | FEMA 2886 |
| | | | | 3-PHENYLPROPIONALDEHYDE | FEMA 2887 |
| | | | | 2-PHENYLPROPIONALD DIMET | FEMA 2888 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | 3-PHENYLPROPIONIC ACID | | FEMA 2889 |
| | | | | 3-PHENYLPROPYL ACETATE | | FEMA 2890 |
| | | | | 2-PHENYLPROPYL BUTYRATE | | FEMA 2891 |
| | | | | 2-PHENYLPROPYL ISOBUTYRAT | | FEMA 2892 |
| | | | | 3-PHENYLPROPYL ISOBUTYRAT | | FEMA 2893 |
| | | | | 3-PHENYLPROPYL CINNAMATE | | FEMA 2894 |
| | | | | 3-PHENYLPROPYL FORMATE | | FEMA 2895 |
| | | | | 3-PHENYLPROPYL HEXANOATE | | FEMA 2896 |
| | | | | 3-PHENYLPROPYL PROPIONATE | | FEMA 2897 |
| | | | | 2-/3-PHENYLPROPYL/-TETRAH | | FEMA 2898 |
| | | | | 3-PHENYLPROPYL ISOVALERAT | | FEMA 2899 |
| | | | | AG-PINENE | | FEMA 2902 |
| | | | | NOPINENE | | FEMA 2903 |
| | | | | PINE TAR, OIL | | FEMA 2907 |
| | | | | PIPERIDINE | | FEMA 2908 |
| | | | | PIPERINE | | FEMA 2909 |
| | | | | /G/-PIPERITONE | | FEMA 2910 |
| | | | | PIPERONYL ACETATE | | FEMA 2912 |
| | | | | PIPERONYL ISOBUTYRATE | | FEMA 2913 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | PROPENYLGUAETHOL | | FEMA 2922 |
| | | | | PROPIONALDEHYDE | | FEMA 2923 |
| | | | | PROPYL ACETATE | | FEMA 2925 |
| | | | | ISOPROPYL ACETATE | | FEMA 2926 |
| | | | | PB-ISOPROPYLACETOPHENONE | | FEMA 2927 |
| | | | | PROPYL ALCOHOL | | FEMA 2928 |
| | | | | ISOPROPYL ALCOHOL | | FEMA 2929 |
| | | | | PB-PROPYL ANISOLE | | FEMA 2930 |
| | | | | PROPYL BENZOATE | | FEMA 2931 |
| | | | | ISOPROPYL BENZOATE | | FEMA 2932 |
| | | | | PB-ISOPROPYLBENZYL ALCOHO | | FEMA 2933 |
| | | | | PROPYL BUTYRATE | | FEMA 2934 |
| | | | | ISOPROPYL BUTYRATE | | FEMA 2935 |
| | | | | PROPYL ISOBUTYRATE | | FEMA 2936 |
| | | | | ISOPROPYL ISOBUTYRATE | | FEMA 2937 |
| | | | | PROPYL CINNAMATE | | FEMA 2938 |
| | | | | ISOPROPYL CINNAMATE | | FEMA 2939 |
| | | | | PROPYL FORMATE | | FEMA 2943 |
| | | | | ISOPROPYL FORMATE | | FEMA 2944 |
| | | | | PROPYL 2-FURANACRYLATE | | FEMA 2945 |
| | | | | PROPYL HEPTANOATE | | FEMA 2948 |
| | | | | PROPYL HEXANOATE | | FEMA 2949 |
| | | | | ISOPROPYL HEXANOATE | | FEMA 2950 |
| | | | | 3-PROPYLIDENEPHTHALIDE | | FEMA 2952 |
| | | | | AG-PROPYLPHENETHYL ALCOHO | | FEMA 2953 |
| | | | | PB-ISOPROPYLPHENYLACETALD | | FEMA 2954 |
| | | | | PROPYL PHENYLACETATE | | FEMA 2955 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | ISOPROPYL PHENYLACETATE | | FEMA 2956 |
| | | | | 3 P-ISOPROPYL-PHENYLPROPI | | FEMA 2957 |
| | | | | PROPYL PROPIONATE | | FEMA 2958 |
| | | | | ISOPROPYL PROPIONATE | | FEMA 2959 |
| | | | | PROPYL ISOVALERATE | | FEMA 2960 |
| | | | | ISOPROPYL ISOVALERATE | | FEMA 2961 |
| | | | | ISOPULEGOL | | FEMA 2962 |
| | | | | PULEGONE | | FEMA 2963 |
| | | | | ISOPULEGONE | | FEMA 2964 |
| | | | | ISOPULEGYL ACETATE | | FEMA 2965 |
| | | | | PYRIDINE | | FEMA 2966 |
| | | | | PYROLIGNEOUS ACID, EXT | | FEMA 2968 |
| | | | | PYROVALDEHYDE | | FEMA 2969 |
| | | | | PYRUVIC ACID | | FEMA 2970 |
| | | | | ISOQUINOLINE | | FEMA 2978 |
| | | | | RHODINOL | | FEMA 2980 |
| | | | | RHODINYL ACETATE | | FEMA 2981 |
| | | | | RHODINYL BUTYRATE | | FEMA 2982 |
| | | | | RHODINYL ISOBUTYRATE | | FEMA 2983 |
| | | | | RHODINYL FORMATE | | FEMA 2984 |
| | | | | RHODINYL PHENYLACETATE | | FEMA 2985 |
| | | | | RHODINYL PROPIONATE | | FEMA 2986 |
| | | | | RHODINYL ISOVALERATE | | FEMA 2987 |
| | | | | ETHYL OXYHYDRATE | NAS 0379 | FEMA 2996 |
| | | | | SALICYLALDEHYDE | | FEMA 3004 |
| | | | | SANTALOL | | FEMA 3006 |
| | | | | SANTALYL ACETATE | | FEMA 3007 |
| | | | | SANTALYL PHENYL-ACE | | FEMA 3008 |
| | | | | SKATOLE | | FEMA 3019 |
| | | | | SUCROSE OCTAACETATE | | FEMA 3038 |
| | | | | AE-TERPINEOL | | FEMA 3045 |
| | | | | TERPINOLENE | | FEMA 3046 |
| | | | | TERPINYL ACETATE | | FEMA 3047 |
| | | | | TERPINYL ANTHRANILATE | | FEMA 3048 |
| | | | | TERPINYL BUTYRATE | | FEMA 3049 |
| | | | | TERPINYL ISOBUTYRATE | | FEMA 3050 |
| | | | | TERPINYL CINNAMATE | | FEMA 3051 |
| | | | | TERPINYL FORMATE | | FEMA 3052 |
| | | | | TERPINYL PROPIONATE | | FEMA 3053 |
| | | | | TERPINYL ISOVALERATE | | FEMA 3054 |
| | | | | TETRAHYDROFURFURYL ACETAT | | FEMA 3055 |
| | | | | TETRAHYDROFURFURYL ALCOHO | | FEMA 3056 |
| | | | | TETRAHYDROFURFURYL BUTYRA | | FEMA 3057 |
| | | | | TETRAHYDROFURFURYL PROPIO | | FEMA 3058 |
| | | | | TETRAHYDROPSEUDOIONONE | | FEMA 3059 |
| | | | | TETRAHYDROLINALOOL | | FEMA 3060 |
| | | | | TETRAMETHYL-ET-CYCLOHEXEN | | FEMA 3061 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | 2-THIENYL MERCAPTAN | FEMA 3062 |
| | | | | THYMOL | FEMA 3066 |
| | | | | TOLUALD. GLYCERYL ACETAL | FEMA 3067 |
| | | | | TOLUALDEHYDES | FEMA 3068 |
| | | | | P@-TOLYLACETALDEHYDE | FEMA 3071 |
| | | | | O@-TOLYL ACETATE | FEMA 3072 |
| | | | | P@-TOLYL ACETATE | FEMA 3073 |
| | | | | 4-P@-TOLYL BUTANONE-2 | FEMA 3074 |
| | | | | P@-TOLYL ISOBUTYRATE | FEMA 3075 |
| | | | | P@-TOLYL LAURATE | FEMA 3076 |
| | | | | P@-TOLYL PHENYLACETATE | FEMA 3077 |
| | | | | 2-P@-TOLYL PROPIONALDEHYD | FEMA 3078 |
| | | | | 2-TRIDECENAL | FEMA 3082 |
| | | | | 2,3-UNDECADIONE | FEMA 3090 |
| | | | | GE-UNDECALACTONE | FEMA 3091 |
| | | | | UNDECANAL | FEMA 3092 |
| | | | | 2-UNDECANONE | FEMA 3093 |
| | | | | 9-UNDECENAL | FEMA 3094 |
| | | | | 10-UNDECENAL | FEMA 3095 |
| | | | | 10-UNDECEN-1-YL ACETATE | FEMA 3096 |
| | | | | UNDECYL ALCOHOL | FEMA 3097 |
| | | | | VALERALDEHYDE | FEMA 3098 |
| | | | | VALERIC ACID | FEMA 3101 |
| | | | | ISOVALERIC ACID | FEMA 3102 |
| | | | | VANILLIN ACETATE | FEMA 3108 |
| | | | | VERATRALDEHYDE | FEMA 3109 |
| | | | | ZINGERONE | FEMA 3124 |
| | | | | H6-6-IPROPENL-4,4A-ME2-NA | FEMA 3166 |
| | | | | O@-METHOXYCINNAMALDEHYDE | FEMA 3181 |
| | | | | PROPYL DISULFIDE | FEMA 3228 |
| | | | | STYRENE | FEMA 3233 |
| | | | | ISO-AMYL ACETOACETATE | FEMA 3252 |
| | | | | ISO-AMYL ISO-BUTYRATE | FEMA 3253 |
| | | | | ANISYL PHENYLACETATE | FEMA 3255 |
| | | | | BEECHWOOD CREOSOTE | FEMA 3259 |
| | | | | THIOPHENOL | FEMA 3260 |
| | | | | BENZYL DISULFIDE | FEMA 3261 |
| | | | | CADINENE | FEMA 3263 |
| | | | | CARYOPHYLL ALC ACETATE | FEMA 3266 |
| | | | | BE-CARYOPHYLLENE ALCOHOL | FEMA 3267 |
| | | | | CARYOPHYLLENE ALCOHOL | FEMA 3268 |
| | | | | B-CARYOPHYLL ALC AC | FEMA 3269 |
| | | | | CEDARWOOD OILS, ALC/TERP | FEMA 3270 |
| | | | | CEDRYL ACETATE | FEMA 3271 |
| | | | | 1,4-CINEOLE | FEMA 3275 |
| | | | | CINNAMYL BENZOATE | FEMA 3276 |
| | | | | CITRAL PROP GLY ACETAL | FEMA 3277 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | 3-DECEN-2-ONE | FEMA 3289 |
| | | | | 2,5-DIETHYLTETRAHYDFURAN | FEMA 3290 |
| | | | | ETHYL CROTONATE | FEMA 3295 |
| | | | | ETGLY BRASSYLATE,EST | FEMA 3296 |
| | | | | 2-ETHYL FURAN | FEMA 3297 |
| | | | | ETHYL MALTOL | FEMA 3298 |
| | | | | ISO-EUGENYL BENZYLETHER | FEMA 3301 |
| | | | | 1-FURYL-2-PROPANONE | FEMA 3303 |
| | | | | GUAIACYL ACETATE | FEMA 3311 |
| | | | | GUAIENE | FEMA 3312 |
| | | | | GUAIOL ACETATE | FEMA 3313 |
| | | | | HEPTANAL-1,2-GLYACETAL | FEMA 3314 |
| | | | | 3-HEPTANOL | FEMA 3315 |
| | | | | 3-HEXENL-2-MEBUTYRATE | FEMA 3316 |
| | | | | 3-HEXYNEL ISO-VALERATE | FEMA 3317 |
| | | | | HEXYL, ISO-VALERATE | FEMA 3318 |
| | | | | HEXYL-2-METHYLBUTYRATE | FEMA 3319 |
| | | | | ISO-JASMONE | FEMA 3325 |
| | | | | LINALOOL OXIDE | FEMA 3328 |
| | | | | P-MENTH-8-EN-2-ONE | FEMA 3337 |
| | | | | PERILLALDEHYDE | FEMA 3340 |
| | | | | ALPHA-TERPINENE | FEMA 3341 |
| | | | | GAMMA-TERPINENE | FEMA 3342 |
| | | | | P-MENTH-3-ENE-1-OL | FEMA 3343 |
| | | | | METHOXYBENZALDEHYDE | FEMA 3345 |
| | | | | METHOXYSTY ISOPROP KET | FEMA 3346 |
| | | | | 2-MEBUTYL ISOVALERATE | FEMA 3347 |
| | | | | P-METHYLCINNAMALDEHYDE | FEMA 3348 |
| | | | | METHYL DISULFIDE | FEMA 3350 |
| | | | | 4-ME-5-PRO-2-CYCHEXENONE | FEMA 3354 |
| | | | | OCIMENE | FEMA 3359 |
| | | | | 3-OCTANOL | FEMA 3360 |
| | | | | 1-OCTEN-3-YL ACETATE | FEMA 3362 |
| | | | | 3-OCTYL ACETATE | FEMA 3363 |
| | | | | 1-PENTEN-3-OL | FEMA 3369 |
| | | | | PERILLYL ACETATE | FEMA 3370 |
| | | | | PHENYLALANINE | FEMA 3371 |
| | | | | PROPYL THIOL | FEMA 3380 |
| | | | | B-TERPINEOL | FEMA 3399 |
| | | | | 2-P-CARVOMENTHENOL | FEMA 3423 |
| | | | | ALLYL 2-FUROATE | FEMA 2030 |
| | | | | ALLYL HEPTANOATE | FEMA 2031 |
| | | | | AMYL 2-FUROATE | FEMA 2072 |
| | | | | 2-AMYL-5/6-KETO-1,4-DIOX | FEMA 2076 |
| | | | | ANNATTO, EXTRACT | FEMA 2103 |
| | | | | ANNATTO, SEED | FEMA 2104 |
| | | | | APRICOT KERNEL, OIL | FEMA 2105 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | BIRCH, SWEET, OIL | | FEMA 2154 |
| | | | | BORNYL VALERATE | | FEMA 2164 |
| | | | | BROMINATED VEG OILS | | FEMA 2168 |
| | | | | 2-BUTYL-5/6-KETODIOXANE | | FEMA 2204 |
| | | | | CITRUS PEELS, EXTRACT | | FEMA 2318 |
| | | | | DECANOIC ACID | | FEMA 2364 |
| | | | | DIHYDROCOUMARIN | | FEMA 2381 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| | | | | FURFURAL | | FEMA 2489 |
| | | | | FURFURYL ACETATE | | FEMA 2490 |
| | | | | FURFURYL ALCOHOL | | FEMA 2491 |
| | | | | 2-FURFURYLIDENEBUTYRALDEH | | FEMA 2492 |
| | | | | FURFURYL MERCAPTAN | | FEMA 2493 |
| | | | | FURYL ACROLEIN | | FEMA 2494 |
| | | | | 4-/2-FURYL/-3-BUTENONE-2 | | FEMA 2495 |
| | | | | CIS-3-HEXENAL | | FEMA 2561 |
| | | | | HEXYL 2-FUROATE | | FEMA 2571 |
| | | | | 2-HEXYL-5-KETO-1,4-DIOXAN | | FEMA 2574 |
| | | | | LAURIC ACID | | FEMA 2614 |
| | | | | 6-METHYLCOUMARIN | | FEMA 2699 |
| | | | | PIPERONYL-ACETONE | | FEMA 2701 |
| | | | | 5-METHYLFURFURAL | | FEMA 2702 |
| | | | | METHYL 2-FUROATE | | FEMA 2703 |
| | | | | 2-METHYL-3-FURYLACROLEIN | | FEMA 2704 |
| | | | | 2-METHYL-4-PHENYLBUTYRALD | | FEMA 2737 |
| | | | | METHYL SALICYLATE | | FEMA 2745 |
| | | | | MUSK AMBRETTE | | FEMA 2758 |
| | | | | MYRISTIC ACID | | FEMA 2764 |
| | | | | BE-NAPHTHYL ANTHRANILATE | | FEMA 2767 |
| | | | | BE-NAPHTHYL ETHYL ETHER | | FEMA 2768 |
| | | | | NARINGIN | NAS 0465 | FEMA 2769 |
| | | | | 3-NONANONOL-1 | | FEMA 2786 |
| | | | | OLEIC ACID | | FEMA 2815 |
| | | | | PALMITIC ACID | | FEMA 2832 |
| | | | | PHENETHYL 2-FUROATE | | FEMA 2865 |
| | | | | PINE NEEDLE, OIL | | FEMA 2905 |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | PROPYL FUROATE-2 | | FEMA 2946 |
| | | | | PYROLIGNEOUS ACID | | FEMA 2967 |
| | | | | QUININE BISULFATE | | FEMA 2975 |
| | | | | QUININE HYDROCHLORIDE | | FEMA 2976 |
| | | | | QUININE SULFATE | | FEMA 2977 |
| | | | | STEARIC ACID | NAS 0479 | FEMA 3035 |
| | | | | GE-VALEROLACTONE | | FEMA 3103 |
| | | | | VANILLIN | NAS 0336 | FEMA 3107 |
| | | | | WINTERGREEN, EXTRACT | | FEMA 3112 |
| | | | | WINTERGREEN, OIL | | FEMA 3113 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | 1-BUTOXY-1-PHENOXYETHANE | FEMA 3125 |
| | | | | ACETYLPYRAZINE | FEMA 3126 |
| | | | | ALLYL METHYL DISULFIDE | FEMA 3127 |
| | | | | 2-BENZOFURANCARBOXALDEHYD | FEMA 3128 |
| | | | | BIPHENYL | FEMA 3129 |
| | | | | BUTYLAMINE | FEMA 3130 |
| | | | | SEC-BUTYL ETHYL ETHER | FEMA 3131 |
| | | | | 2-ISOBUTYL-3-METHOXYPYRAZ | FEMA 3132 |
| | | | | 2-ISOBUTYL-3-METHYLPYRAZI | FEMA 3133 |
| | | | | 2-ISOBUTYLTHIAZOLE | FEMA 3134 |
| | | | | 2T,4T-DECADIENAL | FEMA 3135 |
| | | | | 2,3-DIETHYLPYRAZINE | FEMA 3136 |
| | | | | 2,6-DIMETHOXYPHENOL | FEMA 3137 |
| | | | | 3,4-DIMETHOXY-1-VINYLBENZ | FEMA 3138 |
| | | | | P&,A&-DIMETHYLBENZYL ALCO | FEMA 3139 |
| | | | | 2,6-DIMETHYL-4-HEPTANOL | FEMA 3140 |
| | | | | A&-SINENSAL | FEMA 3141 |
| | | | | CITRONELLIC ACID | FEMA 3142 |
| | | | | 2,4-DIMETHYL-2-PENTENOIC | FEMA 3143 |
| | | | | P&,A&-DIMETHYLSTYRENE | FEMA 3144 |
| | | | | 2,4-DIMETHYL-5-VINYLTHIAZ | FEMA 3145 |
| | | | | 2-FURFURYL DISULFIDE | FEMA 3146 |
| | | | | 1-ETHYL-2-ACETYLPYRROLE | FEMA 3147 |
| | | | | ETHYL T2-C4-DECADIENOATE | FEMA 3148 |
| | | | | 2-ETHYL-3,5-DIMETHYLPYRAZ | FEMA 3149 |
| | | | | 3-ETHYL-2,6-DIMETHYLPYRAZ | FEMA 3150 |
| | | | | 2-ETHYL-1-HEXANOL | FEMA 3151 |
| | | | | 3-ET-2-HO-2-CYC-PENTENONE | FEMA 3152 |
| | | | | 5-ET-3-HO-4-ME-2/5H/-FURA | FEMA 3153 |
| | | | | 2-ETHYL-5-METHYLPYRAZINE | FEMA 3154 |
| | | | | 3-ETHYL-2-METHYLPYRAZINE | FEMA 3155 |
| | | | | P&-ETHYLPHENOL | FEMA 3156 |
| | | | | ETHYL P&-TOLYLOXYACETATE | FEMA 3157 |
| | | | | 2-FURANMETHANETHIOL FORMA | FEMA 3158 |
| | | | | FURFURYL METHYL ETHER | FEMA 3159 |
| | | | | FURFURYL METHYL SULFIDE | FEMA 3160 |
| | | | | FURFURYL ISOPROPYL SULFID | FEMA 3161 |
| | | | | FURFURYL THIOACETATE | FEMA 3162 |
| | | | | 2-FURYL METHYL KETONE | FEMA 3163 |
| | | | | 2,4-HEPTADIENAL -TR,TR | FEMA 3164 |
| | | | | 2-HEPTENAL | FEMA 3165 |
| | | | | D&-HEXALACTONE | FEMA 3167 |
| | | | | 3,4-HEXANEDIONE | FEMA 3168 |
| | | | | T2-HEXENOIC ACID | FEMA 3169 |
| | | | | T3-HEXENOIC ACID | FEMA 3170 |
| | | | | C3-HEXEN-1-YL ACETATE | FEMA 3171 |
| | | | | HEXYL ISOBUTYRATE | FEMA 3172 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | 1-HYDROXY-2-BUTANONE | FEMA 3173 |
| | | | | 4-HU-2,5-ME2-3/2H/-FURANU | FEMA 3174 |
| | | | | IONONE -G& | FEMA 3175 |
| | | | | P@-MENTHAN-2-ONE | FEMA 3176 |
| | | | | P@-MENTHA-8-THIOL-3-ONE | FEMA 3177 |
| | | | | P@-MENTH-1-ENE-9-AL | FEMA 3178 |
| | | | | P@-MENTH-1-EN-3-OL | FEMA 3179 |
| | | | | 2-MERCAPTOPROPIONIC ACID | FEMA 3180 |
| | | | | P@-METHOXY-A&-METHYLCINNA | FEMA 3182 |
| | | | | 2-METHOXY-X-METHYLPYRAZIN | FEMA 3183 |
| | | | | 1-METHYL-2-ACETYLPYRROLE | FEMA 3184 |
| | | | | 3-METHYLCROTONIC ACID | FEMA 3187 |
| | | | | 2-METHYL-3-FURANTHIOL | FEMA 3188 |
| | | | | ME-X-FURFURYL-THIOPYRAZIN | FEMA 3189 |
| | | | | 5-METHYL-2,3-HEXANEDIONE | FEMA 3190 |
| | | | | 2-METHYLHEXANOIC ACID | FEMA 3191 |
| | | | | 2-METHYL-5-METHOXYTHIAZOL | FEMA 3192 |
| | | | | 2T-METHYL-2-PENTENAL | FEMA 3194 |
| | | | | 2T-METHYL-2-PENTENOIC ACI | FEMA 3195 |
| | | | | JASMONE | FEMA 3196 |
| | | | | A-METHYLPHENETHYLBUTYRATE | FEMA 3197 |
| | | | | METHYL PHENETHYL ETHER | FEMA 3198 |
| | | | | 5-METHYL-2-PHEN-2-HEXENAL | FEMA 3199 |
| | | | | 4-METHYL-2-PHEN-2-PENTENA | FEMA 3200 |
| | | | | METHYL PROPYL DISULFIDE | FEMA 3201 |
| | | | | METHYL 2-PYRROLYL KETONE | FEMA 3202 |
| | | | | 4-METHYL-5-THIAZOLEETHANO | FEMA 3204 |
| | | | | 4-ME-5-THIAZOLE-ET*OL- AC | FEMA 3205 |
| | | | | 2-METHYLTHIOACETALDEHYDE | FEMA 3206 |
| | | | | 1-/METHYLTHIO/-2-BUTANONE | FEMA 3207 |
| | | | | /METHYLTHIO/METHYLPYRAZIN | FEMA 3208 |
| | | | | O@-/METHYLTHIO/-PHENOL | FEMA 3210 |
| | | | | 2-METHYL-5-VINYLPYRAZINE | FEMA 3211 |
| | | | | 2,4-NONADIENAL | FEMA 3212 |
| | | | | 2-NONENAL | FEMA 3213 |
| | | | | O&-OCTALACTONE | FEMA 3214 |
| | | | | 2-OCTENAL | FEMA 3215 |
| | | | | 2,4-PENTADIENAL | FEMA 3217 |
| | | | | 2-PENTENAL | FEMA 3218 |
| | | | | ISOPENTYLAMINE | FEMA 3219 |
| | | | | PHENETHYLAMINE | FEMA 3220 |
| | | | | PHENETHYL HEXANOATE | FEMA 3221 |
| | | | | PHENETHYL OCTANOATE | FEMA 3222 |
| | | | | PHENOL | FEMA 3223 |
| | | | | 2-PHENYL-2-BUTENAL | FEMA 3224 |
| | | | | PHENYL DISULFIDE | FEMA 3225 |
| | | | | 1-PHENYL-1,2-PROPANEDIONE | FEMA 3226 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | PROPENYL PROPYL DISULFIDE | | FEMA 3227 |
| | | | | ISOPROPYL TIGLATE | | FEMA 3229 |
| | | | | PYRAZINE ETHANETHIOL | | FEMA 3230 |
| | | | | PYRAZINYL METHYL SULFIDE | | FEMA 3231 |
| | | | | MENTHOFURAN | | FEMA 3235 |
| | | | | ROSE OXIDE | | FEMA 3236 |
| | | | | TETRAMETHYLPYRAZINE | | FEMA 3237 |
| | | | | 2,2-THIODIMETHYLENE-DIFUR | | FEMA 3238 |
| | | | | 4-THUJANOL | | FEMA 3239 |
| | | | | O@-TOLUENETHIOL | | FEMA 3240 |
| | | | | TRIMETHYLAMINE | | FEMA 3241 |
| | | | | P@-CYMENOL-8 | | FEMA 3242 |
| | | | | ME3-CYCLOHEX-1-ENL BU-2EN | | FEMA 3243 |
| | | | | 2,3,5-TRIMETHYLPYRAZINE | | FEMA 3244 |
| | | | | UNDECANOIC ACID | | FEMA 3245 |
| | | | | 2-UNDECANOL | | FEMA 3246 |
| | | | | 10-UNDECENOIC ACID | | FEMA 3247 |
| | | | | O@-VINYLANISOLE | | FEMA 3248 |
| | | | | 2,6-XYLENOL | | FEMA 3249 |
| | | | | BUTYROLACTONE | | FEMA 3421 |
| | | | | 3,4-DIME CYCLOPENT DIONE | | FEMA 3427 |
| | | | | DI-N-PROPYL TRISULFIDE | | FEMA 3430 |
| | | | | 3-ET-2,5-DIME PYRAZINE | | FEMA 3434 |
| | | | | DIETHYL ANTHRANILATE | | FEMA 3436 |
| | | | | ETHYL HEXENOATE | | FEMA 3437 |
| | | | | ET ME HYDX-DIHYDFURANONE | | FEMA 3438 |
| | | | | ET ME-P-TOLYL GLYCIDATE | | FEMA 3439 |
| | | | | FURFURYL BUTYRATE | | FEMA 3440 |
| | | | | FURFURYL PYRROL | | FEMA 3441 |
| | | | | 2, 4-HEXADIENAL | | FEMA 3443 |
| | | | | HEXYL BENZOATE | | FEMA 3445 |
| | | | | HYDROGEN SULPHIDE | | FEMA 3446 |
| | | | | HYDROQUINON ET ETHR | | FEMA 3447 |
| | | | | 3-HYDROXY-PENTANONE-2 | | FEMA 3448 |
| | | | | LINALYL PHENYLACETATE | | FEMA 3449 |
| | | | | MALONIC ACID | | FEMA 3450 |
| | | | | ISO-MENTHONE | | FEMA 3451 |
| | | | | 3-MERCAP PROPANOIC ACID | | FEMA 3452 |
| | | | | 2-METHYL PYRAZINE | | FEMA 3461 |
| | | | | D-UNDECALACTONE | | FEMA 3482 |
| | | | | 4-HEPTENAL | | FEMA 3490 |
| | | | | 2,6-DIMETHYL-4-HEPTANONE | | FEMA 3291 |
| | | | | DISODIUM GUANYLATE | NAS 0541 | FEMA 3292 |
| | | | | DISODIUM INOSINATE | NAS 0540 | FEMA 3293 |
| | | | | GLYCINE | NAS 0356 | FEMA 3310 |
| | | | | LEEK, OIL | | FEMA 3326 |
| | | | | MASTIC GUM | | FEMA 3335 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | DL-METHIONINE | NAS 0359 | FEMA 3344 |
| | | | | METHYL 3-PYRIDYL KETONE | | FEMA 3355 |
| | | | | TEA TREE, OIL | | FEMA 3398 |
| | | | | P-TOLYL OCTANOATE | | FEMA 3401 |
| | | | | 2-UNDECEN-1-OL | | FEMA 3403 |
| | | | | YARA YARA | | FEMA 3409 |
| | | | | ACTL ME CARBINYL ACET | | FEMA 3410 |
| | | | | ALLYL CROTONATE | | FEMA 3411 |
| | | | | ALLYL HEXENOATE | | FEMA 3412 |
| | | | | AMYL DECANOATE | | FEMA 3414 |
| | | | | AMYL PHENYLACETATE | | FEMA 3415 |
| | | | | AMYL SALICYLATE | | FEMA 3416 |
| | | | | AMYL ISO VALERIANATE | | FEMA 3417 |
| | | | | ISO-AMYL VALERIANATE | | FEMA 3418 |
| | | | | BUTYL SALICYLATE | | FEMA 3419 |
| | | | | ISOBUT ME ANTHRANILATE | | FEMA 3420 |
| | | | | CARVOMENTHOL | | FEMA 3422 |
| | | | | M-CRESOL | | FEMA 3425 |
| | | | | O-CRESOL | | FEMA 3426 |
| | | | | FURFURYLIDEN-2-PROPANAL | | FEMA 3442 |
| | | | | METHALLYL CAPROATE | | FEMA 3453 |
| | | | | 3-METHYL-3-BUTENE-2-1 | | FEMA 3454 |
| | | | | METHYL FURFURACRYLAT | | FEMA 3455 |
| | | | | 2-ME-5-ISOPROP PYRAZINE | | FEMA 3458 |
| | | | | 4-ME-4-PENTEN-2-ONE | | FEMA 3459 |
| | | | | ME PROPENYL DISULFIDE | | FEMA 3460 |
| | | | | 2-ME TETRDHYDROFURANONE | | FEMA 3463 |
| | | | | B-NAPHTH ISOBUTYL ETHER | | FEMA 3464 |
| | | | | 2,6-NONADIENAL | | FEMA 3465 |
| | | | | NONADIENAL DIME ACETAL | | FEMA 3466 |
| | | | | NONANEDIOL-1,4-ACETATE | | FEMA 3467 |
| | | | | 6-NONENAL | | FEMA 3468 |
| | | | | 6-OCTENAL | | FEMA 3469 |
| | | | | 2-PENTEN-1-OL | | FEMA 3470 |
| | | | | 3-PENTEN-2-ONE | | FEMA 3471 |
| | | | | PHENYLETHYL VALERATE | | FEMA 3472 |
| | | | | 5-PHENYL PENTANOL | | FEMA 3473 |
| | | | | 1-PHEN-3/5-PROP PYRAZOL | | FEMA 3474 |
| | | | | ISO-PHORONE | | FEMA 3475 |
| | | | | PROPYL VALERIANATE | | FEMA 3476 |
| | | | | TIGLALDEHYDE | | FEMA 3478 |
| | | | | O-TOLYL ISO-BUTYRATE | | FEMA 3479 |
| | | | | 2,5-UNDECADIENAL | | FEMA 3481 |
| | | | | VALILLYL ALCOHOL | | FEMA 3483 |
| | | | | VANILLYLIDENE ACETON | | FEMA 3484 |
| | | | | VETIVERYL ACETATE | | FEMA 3485 |
| | | | | B-BOURBONENE | | FEMA 3486 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | CARYOPHYLLENE OXIDE | | FEMA 3488 |
| | | | | GERANYL ACETONE | | FEMA 3489 |
| | | | | 3-HEXENL PHENYLACETATE | | FEMA 3491 |
| | | | | HEXYL PHENYLACETATE | | FEMA 3492 |
| | | | | ISOAMYL 2-ME BUTYRATE | | FEMA 3493 |
| | | | | JASMONE | | FEMA 3494 |
| | | | | 1-P-MENTHEN-9-YL ACETATE | | FEMA 3495 |
| | | | | PINOCARVEOL | | FEMA 3496 |
| | | | | PIPERITENONE | | FEMA 3497 |
| | | | | PIPERITENONE OXIDE | | FEMA 3498 |
| | | | | VERBENOL | | FEMA 3499 |
| | | | | ABIES ALBA | | FEMA 3634 |
| | | | | ACETONE | | FEMA 3588 |
| | | | | 2-ACETYL PYRIDINE | | FEMA 3585 |
| | | | | BETA-ALANINE | | FEMA 3574 |
| | | | | ALLYL CAPROATE | | FEMA 3543 |
| | | | | ANISIC ALDEHYDE | | FEMA 3621 |
| | | | | APPLE ESSENCE, NATURAL | | FEMA 3544 |
| | | | | BARLEY FLOUR | NAS 0527 | |
| | | | | BROWN SUGAR | NAS 0369 | |
| | | | | A&KETO BUTYRIC ACID | | FEMA 3593 |
| | | | | CHOCOLATE CHIPS | NAS 0516 | |
| | | | | CHOCOLATE LIQUOR | NAS 0370 | |
| | | | | COCOA | NAS 0371 | FEMA 3518 |
| | | | | COCONUT OIL | NAS 0373 | FEMA 3659 |
| | | | | COFFEE CONCENTRATE-PURE | | FEMA 3636 |
| | | | | SOLID EXTRACT COFFEE | | FEMA 3571 |
| | | | | 4-DECENE-1-AL | | FEMA 3626 |
| | | | | 2,6 DIMETHYL PYRAZINE | | FEMA 3597 |
| | | | | 2-ETHYL PYRIZINE | | FEMA 3601 |
| | | | | GARLIC, ALLIUM SATIVUM | | FEMA 3508 |
| | | | | GRAPEFRUIT OIL CONC | | FEMA 3631 |
| | | | | HELIOTROPIN | | FEMA 3622 |
| | | | | HEPTA-2,4 DIENE-1-OL | | FEMA 3628 |
| | | | | INVERT SUGAR | NAS 0429 | |
| | | | | LACTOSE | NAS 0406 | FEMA 3667 |
| | | | | LEMON PEEL GRANULES | | FEMA 3573 |
| | | | | MATE ABSOLUTE | | FEMA 3644 |
| | | | | METHYL THIOFUROATE | | FEMA 3629 |
| | | | | MOLASSES | NAS 0368 | FEMA 3679 |
| | | | | ONION, ALLIUM CEPA | | FEMA 3509 |
| | | | | ORANGE PEEL | | FEMA 3526 |
| | | | | PARMESAN CHEESE | NAS 0509 | |
| | | | | PROPYL MERCAPTAN | | FEMA 3568 |
| | | | | RAISINS - BLANCHED | NAS 0506 | |
| | | | | RAISINS - DARK | NAS 0505 | |
| | | | | RYE SOUR | NAS 0476 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 11 | FLAV AGNT | SESAME SEED | | FEMA 3500 |
| | | | | SHERRY WINE | NAS 0477 | |
| | | | | TETRAHYDROFURFURYLCINAMAT | | FEMA 3587 |
| | | | | THIOGUAIOCAL | | FEMA 3613 |
| | | | | TOLVALDEHYDES,PARA | | FEMA 3633 |
| | | | | TIGLIC ACID | | FEMA 3614 |
| | | | | 3,5,5 TRIMETHYLHEXAN-1-OL | | FEMA 3630 |
| | | | | YEAST EXTRACT | NAS 0481 | FEMA 3521 |
| | | | | YEAST PASTES | NAS 0405 | |
| 01 | BAKED GOODS(R) | 12 | FLOR TREAT | SODIUM BISULFITE | NAS 0183 | |
| | | | | BENZOYL PEROXIDE | NAS 0254 | |
| | | | | POTASSIUM BROMATE | NAS 0299 | |
| | | | | CHLORINE | NAS 0424 | |
| | | | | CHLORINE DIOXIDE | NAS 0425 | |
| | | | | POTASSIUM IODATE | NAS 0346 | |
| 01 | BAKED GOODS(R) | 13 | FORMUL AID | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM PHOSPHATE DI | NAS 0048 | FEMA 3656 |
| | | | | CALCIUM PHOSPHATE MONO | NAS 0049 | |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CALCIUM SULFATE | NAS 0057 | |
| | | | | FERRIC PHOSPHATE | NAS 0080 | |
| | | | | FERRIC SODIUM PYROPHOS | NAS 0082 | |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | MAGNESIUM SILICATE | NAS 0115 | |
| | | | | MAGNESIUM STEARATE | NAS 0116 | |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SILICA AEROGEL | NAS 0174 | FEMA 3506 |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | CELLULOSE | NAS 0265 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | CORN STARCH | NAS 0411 | |
| | | | | LACTOSE | NAS 0406 | FEMA 3667 |
| | | | | WHEAT STARCH | NAS 0404 | |
| 01 | BAKED GOODS(R) | 15 | HUMECTANT | AMMONIUM ALGINATE | NAS 0012 | |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 15 | HUMECTANT | TRIACETIN | NAS 0233 | FEMA 2007 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |
| 01 | BAKED GOODS(R) | 16 | LEAVENING | ALUMINUM SODIUM SULFATE | NAS 0010 | |
| | | | | ALUMINUM SULFATE | NAS 0011 | FEMA 3547 |
| | | | | AMMONIUM BICARBONATE | NAS 0013 | |
| | | | | AMMONIUM CARBONATE | NAS 0014 | |
| | | | | AMMONIUM HYDROXIDE | NAS 0015 | |
| | | | | AMMONIUM PHOSPHATE DI | NAS 0016 | |
| | | | | CALCIUM LACTATE | NAS 0045 | FEMA 3535 |
| | | | | CALCIUM PHOSPHATE DI | NAS 0048 | FEMA 3656 |
| | | | | CALCIUM PHOSPHATE MONO | NAS 0049 | |
| | | | | CARBON DIOXIDE | NAS 0060 | |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | POTASSIUM ACID TARTRATE | NAS 0146 | |
| | | | | SODIUM ACID PYROPHOS | NAS 0176 | |
| | | | | SODIUM ALUMINUM PHOS | NAS 0179 | FEMA 3657 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM PHOSPHATE MONO | NAS 0198 | FEMA 3534 |
| | | | | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | GLUCONO-DELTA LACTONE | NAS 0278 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | YEASTS | NAS 0333 | |
| | | | | FUMARIC ACID | NAS 0382 | FEMA 2488 |
| | | | | SHORTENING, VEGETABLE | NAS 0553 | |
| 01 | BAKED GOODS(R) | 17 | LUBRICANT | BEESWAX | NAS 0026 | |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | CALCIUM STEARATE | NAS 0260 | FEMA 3572 |
| | | | | CORN STARCH | NAS 0411 | |
| 01 | BAKED GOODS(R) | 18 | NNTR SWEET | CALCIUM SACCHARIN | NAS 0054 | FEMA 3528 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | GLYCYRRHIZIN, AMMONIATED | | FEMA 2528 |
| 01 | BAKED GOODS(R) | 19 | NUTR SUPPL | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM PANTOTHENATE | NAS 0047 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 19 | NUTR SUPPL | CALCIUM PHOSPHATE DI | NAS 0048 | FEMA 3656 |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | FERRIC PHOSPHATE | NAS 0080 | |
| | | | | FERRIC SODIUM PYROPHOS | NAS 0082 | |
| | | | | FERROUS SULFATE | NAS 0085 | |
| | | | | IRON, REDUCED | NAS 0100 | |
| | | | | L-LYSINE | NAS 0109 | |
| | | | | MAGNESIUM CARBONATE | NAS 0110 | |
| | | | | MANGANESE SULFATE | NAS 0124 | |
| | | | | NIACIN | NAS 0136 | |
| | | | | NIACINAMIDE | NAS 0137 | |
| | | | | POTASSIUM CARBONATE | NAS 0150 | |
| | | | | POTASSIUM PHOSPHATE DI | NAS 0157 | |
| | | | | PYRIDOXINE HYDROCHLORIDE | NAS 0167 | |
| | | | | RIBOFLAVIN | NAS 0169 | |
| | | | | SODIUM ASCORBATE | NAS 0180 | FEMA 3525 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | THIAMINE MONONITRATE | NAS 0222 | |
| | | | | D-ALPHA TOCOPH ACID SUCC | NAS 0231 | |
| | | | | VITAMIN A PALMITATE | NAS 0243 | |
| | | | | VITAMIN D2 | NAS 0245 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | MILK POWDR WHOLE, ENZ MOD | NAS 0293 | |
| | | | | SUCROSE | NAS 0326 | |
| | | | | BUTTERMILK POWDER | NAS 0519 | FEMA 3682 |
| | | | | EGGS, WHOLE, DRIED | NAS 0518 | |
| | | | | MILK, SKIM, POWDERED | NAS 0514 | |
| | | | | MOLASSES | NAS 0388 | FEMA 3679 |
| | | | | OATMEAL (ROLLED OATS) | NAS 0510 | |
| | | | | RYE, MILLED | NAS 0511 | |
| | | | | SOYA PROTEIN ISOLATE | NAS 0446 | |
| 01 | BAKED GOODS(R) | 20 | PH CONTROL | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | ADIPIC ACID | NAS 0003 | FEMA 2011 |
| | | | | AMMONIUM PHOSPHATE DI | NAS 0016 | |
| | | | | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM PHOSPHATE DI | NAS 0048 | FEMA 3656 |
| | | | | CALCIUM PHOSPHATE MONO | NAS 0049 | |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CALCIUM SULFATE | NAS 0057 | |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | POTASSIUM ACID TARTRATE | NAS 0146 | |
| | | | | POTASSIUM CARBONATE | NAS 0150 | |
| | | | | POTASSIUM HYDROXIDE | NAS 0154 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 20 | PH CONTROL | POTASSIUM PHOSPHATE DI | NAS 0157 | |
| | | | | SODIUM ACID PYROPHOS | NAS 0176 | |
| | | | | SODIUM ALUMINUM PHOS | NAS 0179 | FEMA 3657 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CARBONATE | NAS 0185 | |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM PHOSPHATE TRI | NAS 0199 | |
| | | | | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | FUMARIC ACID | NAS 0382 | FEMA 2488 |
| | | | | VINEGAR | NAS 0403 | |
| 01 | BAKED GOODS(R) | 21 | PRESERVATV | BENZOIC ACID | NAS 0029 | FEMA 2131 |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CALCIUM PROPIONATE | NAS 0052 | |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | METHYLPARABEN | NAS 0128 | FEMA 2710 |
| | | | | POTASSIUM ACID TARTRATE | NAS 0146 | |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | PROPIONIC ACID | NAS 0163 | FEMA 2924 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| | | | | PROPYLPARABEN | NAS 0166 | FEMA 2951 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM DIACETATE | NAS 0190 | FEMA 3512 |
| | | | | SODIUM PROPIONATE | NAS 0201 | FEMA 3513 |
| | | | | SODIUM SULFITE | NAS 0206 | |
| | | | | SORBIC ACID | NAS 0211 | FEMA 3624 |
| | | | | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| 01 | BAKED GOODS(R) | 22 | PROCES AID | ALUMINUM SULFATE | NAS 0011 | FEMA 3547 |
| | | | | AMMONIUM SULFATE | NAS 0019 | |
| | | | | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CALCIUM SILICATE | NAS 0055 | |
| | | | | HYDROCHLORIC ACID | NAS 0097 | |
| | | | | HYDROGEN PEROXIDE | NAS 0098 | |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| 01 | BAKED GOODS(R) | 24 | SEQUESTRNT | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | SODIUM ACID PYROPHOS | NAS 0176 | |
| | | | | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 25 | SOLV VEHIC | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | TRIACETIN | NAS 0233 | FEMA 2007 |
| | | | | TRIETHYL CITRATE | NAS 0234 | FEMA 3083 |
| | | | | CASTOR, OIL | | FEMA 2263 |
| | | | | BENZYL ALCOHOL | | FEMA 2137 |
| | | | | BENZYL BENZOATE | | FEMA 2138 |
| | | | | BUTYL STEARATE | | FEMA 2214 |
| | | | | DIBUTYL SEBACATE | | FEMA 2373 |
| | | | | DIETHYL SEBACATE | | FEMA 2376 |
| | | | | DIETHYL SUCCINATE | | FEMA 2377 |
| | | | | DIETHYL TARTRATE | | FEMA 2378 |
| | | | | ETHYL MYRISTATE | | FEMA 2445 |
| | | | | LEVULINIC ACID | | FEMA 2627 |
| | | | | METHYL MYRISTATE | | FEMA 2722 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | METHYL DIHYDROABIETATE | | FEMA 3351 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| | | | | TRIPROPIONINE | | FEMA 3402 |
| | | | | ISO-PROPYL MYRISTATE | | FEMA 3378 |
| | | | | BUTYLENE GLYCOL | NAS 0531 | FEMA 3516 |
| 01 | BAKED GOODS(R) | 26 | STBLZ THKR | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | AGAR-AGAR | NAS 0004 | FEMA 2012 |
| | | | | CALCIUM ALGINATE | NAS 0036 | |
| | | | | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CALCIUM GLUCONATE | NAS 0041 | |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2648 |
| | | | | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | METHYLCELLULOSE | NAS 0127 | FEMA 2696 |
| | | | | POTASSIUM ACID TARTRATE | NAS 0146 | |
| | | | | POTASSIUM CHLORIDE | NAS 0151 | |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | CALCIUM STEARATE | NAS 0260 | FEMA 3572 |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 26 | STBLZ THKR | CELLULOSE | NAS 0265 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | DEXTRIN | NAS 0338 | FEMA 3556 |
| | | | | FLOUR (PATENT) | NAS 0502 | |
| | | | | PECTIN | NAS 0335 | |
| | | | | RICE GEL | NAS 0474 | |
| | | | | STARCH | NAS 0402 | |
| 01 | BAKED GOODS(R) | 27 | SURFACTANT | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | TRIETHYL CITRATE | NAS 0234 | FEMA 3083 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | GELATIN | NAS 0350 | |
| | | | | SODIUM LAURYL SULFATE | NAS 0347 | |
| 01 | BAKED GOODS(R) | 28 | SURF FINSH | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | CARNAUBA WAX | NAS 0061 | FEMA 3514 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | CEREAL SOLIDS, HYDROLYZED | NAS 0423 | |
| | | | | CORN MEAL | NAS 0504 | |
| | | | | GELATIN | NAS 0350 | |
| | | | | TAPIOCA STARCH | NAS 0444 | |
| 01 | BAKED GOODS(R) | 30 | TEXTURIZER | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM BISULFITE | NAS 0183 | |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | SOYA PROTEIN ISOLATE | NAS 0446 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(R) | 40 | NUTR SWEET | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |
| | | | | INVERT SUGAR | NAS 0429 | |
| 02 | BREAK CERLS(R) | 01 | ANTICAKNG | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | SILICA AEROGEL | NAS 0174 | FEMA 3506 |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| 02 | BREAK CERLS(R) | 02 | ANTIOXIDNT | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | MONOGLYCERIDE CITRATE | NAS 0131 | |
| | | | | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| | | | | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| | | | | SODIUM ERYTHORBATE | NAS 0317 | |
| 02 | BREAK CERLS(R) | 03 | COLOR | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | POTASSIUM HYDROXIDE | NAS 0154 | |
| 02 | BREAK CERLS(R) | 07 | EMULSIFIER | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| 02 | BREAK CERLS(R) | 08 | ENZYME | AMYLASE, BACTERIAL | NAS 0450 | |
| | | | | PANCREATIC EXTRACT | NAS 0390 | |
| 02 | BREAK CERLS(R) | 10 | FLAV ENHNC | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | GLYCINE | NAS 0356 | FEMA 3310 |
| 02 | BREAK CERLS(R) | 11 | FLAV AGNT | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | MALT SYRUP | NAS 0291 | FEMA 3579 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | BASIL | | FEMA 2118 |
| | | | | BAY, SWEET | | FEMA 2124 |
| | | | | CAYENNE | | FEMA 2266 |
| | | | | CINNAMON | | FEMA 2289 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 02 | BREAK CERLS(R) | 11 | FLAV AGNT | CITRONELLA, OIL | | FEMA 2308 |
| | | | | GINGER | | FEMA 2520 |
| | | | | LEMON, OIL | | FEMA 2625 |
| | | | | LEMON OIL, TERP/LESS | | FEMA 2626 |
| | | | | LIME, OIL | | FEMA 2631 |
| | | | | NUTMEG | NAS 0431 | FEMA 2792 |
| | | | | ORANGE, OIL, TERPENELESS | | FEMA 2822 |
| | | | | PAPRIKA | | FEMA 2833 |
| | | | | PEPPER, BLACK | | FEMA 2844 |
| | | | | VANILLA | NAS 0433 | FEMA 3104 |
| | | | | ETHYL VANILLIN | | FEMA 2464 |
| | | | | VALERIAN ROOT, EXTR | | FEMA 3099 |
| | | | | WALNUT HULL, EXTRACT | | FEMA 3111 |
| | | | | ISOBUTYL PHENYLACETATE | | FEMA 2210 |
| | | | | 2-HEPTANONE | | FEMA 2544 |
| | | | | METHYL ACETATE | | FEMA 2676 |
| | | | | METHYLCYCLOPENTENOLONE | | FEMA 2700 |
| | | | | 2,3-PENTANEDIONE | | FEMA 2841 |
| | | | | VANILLIN | NAS 0336 | FEMA 3107 |
| | | | | BROWN SUGAR | NAS 0369 | |
| | | | | COCONUT OIL | NAS 0373 | FEMA 3659 |
| | | | | ISOCYCLO CITRAL | | FEMA 3563 |
| | | | | WHEAT BRAN | NAS 0552 | |
| | | | | WHEAT GERM | NAS 0462 | |
| | | | | WORT | NAS 0464 | |
| 02 | BREAK CERLS(R) | 12 | FLOR TREAT | SODIUM BISULFITE | NAS 0183 | |
| | | | | CHLORINE DIOXIDE | NAS 0425 | |
| 02 | BREAK CERLS(R) | 13 | FORMUL AID | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | CALCIUM PHOSPHATE DI | NAS 0048 | FEMA 3656 |
| | | | | MANNITOL | NAS 0126 | FEMA 3520 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | CORN STARCH | NAS 0411 | |
| | | | | GELATIN | NAS 0350 | |
| | | | | WHEAT STARCH | NAS 0404 | |
| 02 | BREAK CERLS(R) | 16 | LEAVENING | CALCIUM CARBONATE | NAS 0038 | |
| | | | | YEASTS | NAS 0333 | |
| 02 | BREAK CERLS(R) | 17 | LUBRICANT | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| 02 | BREAK CERLS(R) | 19 | NUTR SUPPL | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | CALCIUM CARBONATE | NAS 0038 | |

TABLE 10 -- SUBSTANCES (GROUP 1-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 02 | BREAK CERLS(R) | 19 | NUTR SUPPL | CALCIUM PHOSPHATE DI | NAS 0048 | FEMA 3656 |
| | | | | CALCIUM PHOSPHATE MONO | NAS 0049 | |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | FERRIC PHOSPHATE | NAS 0080 | |
| | | | | FERRIC PYROPHOSPHATE | NAS 0081 | |
| | | | | FERRIC SODIUM PYROPHOS | NAS 0082 | |
| | | | | FERROUS SULFATE | NAS 0085 | |
| | | | | IRON, REDUCED | NAS 0100 | |
| | | | | L-LYSINE | NAS 0109 | |
| | | | | NIACIN | NAS 0136 | |
| | | | | NIACINAMIDE | NAS 0137 | |
| | | | | PYRIDOXINE HYDROCHLORIDE | NAS 0167 | |
| | | | | RIBOFLAVIN | NAS 0169 | |
| | | | | SODIUM ASCORBATE | NAS 0180 | FEMA 3525 |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | THIAMINE MONONITRATE | NAS 0222 | |
| | | | | DL-ALPHA TOCOPH ACET | NAS 0229 | |
| | | | | VITAMIN A ACETATE | NAS 0242 | |
| | | | | VITAMIN A PALMITATE | NAS 0243 | |
| | | | | VITAMIN B12 | NAS 0244 | |
| | | | | VITAMIN D2 | NAS 0245 | |
| | | | | CORN GRITS | NAS 0548 | |
| | | | | RICE, MILLED | NAS 0512 | |
| | | | | SOYA PROTEIN ISOLATE | NAS 0446 | |
| | | | | WHEAT, RED, MILLED | NAS 0513 | |
| 02 | BREAK CERLS(R) | 20 | PH CONTROL | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | SODIUM ACETATE | NAS 0175 | FEMA 3024 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM PHOSPHATE TRI | NAS 0199 | |
| | | | | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| 02 | BREAK CERLS(R) | 21 | PRESERVATV | SODIUM ASCORBATE | NAS 0180 | FEMA 3525 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| 02 | BREAK CERLS(R) | 22 | PROCES AID | CALCIUM CARBONATE | NAS 0038 | |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| 02 | BREAK CERLS(R) | 24 | SEQUESTRNT | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| 02 | BREAK CERLS(R) | 25 | SOLV VEHIC | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | CORN OIL | NAS 0374 | FEMA 3675 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 02 | BREAK CERLS(R) | 26 | STBLZ THKR | GUAR GUM | NAS 0092 | FEMA 2537 |
| 02 | BREAK CERLS(R) | 27 | SURFACTANT | LECITHIN | NAS 0104 | FEMA 3519 |
| 02 | BREAK CERLS(R) | 28 | SURF FINSH | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| 02 | BREAK CERLS(R) | 30 | TEXTURIZER | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM PHOSPHATE MONO | NAS 0198 | FEMA 3534 |
| 02 | BREAK CERLS(R) | 40 | NUTR SWEET | CORN SYRUP | NAS 0270 | |
| | | | | SUCROSE | NAS 0328 | |
| 03 | OTHER GRAIN(R) | 01 | ANTICAKNG | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CALCIUM SILICATE | NAS 0055 | |
| | | | | MAGNESIUM CARBONATE | NAS 0110 | |
| | | | | SILICA AEROGEL | NAS 0174 | FEMA 3506 |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| 03 | OTHER GRAIN(R) | 02 | ANTIOXIDNT | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| 03 | OTHER GRAIN(R) | 03 | COLOR | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROTENE | NAS 0063 | FEMA 3548 |
| | | | | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| | | | | BENZOYL PEROXIDE | NAS 0254 | |
| | | | | BUTTER FAT ENZ MOD W /0 A | NAS 0258 | |
| | | | | DEXTROSE | NAS 0271 | |
| 03 | OTHER GRAIN(R) | 04 | CURING | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| 03 | OTHER GRAIN(R) | 05 | DOUGH CONDR | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | POTASSIUM BROMATE | NAS 0299 | |
| | | | | YEASTS | NAS 0333 | |
| 03 | OTHER GRAIN(R) | 07 | EMULSIFIER | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SOYBEAN OIL | NAS 0407 | FEMA 3695 |
| 03 | OTHER GRAIN(R) | 08 | ENZYME | MALT FLOUR | NAS 0459 | |
| 03 | OTHER GRAIN(R) | 09 | FIRMN AGNT | CALCIUM OXIDE | NAS 0046 | |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 03 | OTHER GRAIN(R) | 10 | FLAV ENHNC | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| 03 | OTHER GRAIN(R) | 11 | FLAV AGNT | AMMONIUM SACCHARIN | NAS 0018 | |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | L-CYSTEINE | NAS 0071 | FEMA 3285 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | PROTEIN, ANIMAL, HYDROLYZ | NAS 0310 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | YEASTS | NAS 0333 | |
| | | | | BASIL | | FEMA 2118 |
| | | | | CAYENNE | | FEMA 2266 |
| | | | | CORIANDER | | FEMA 2333 |
| | | | | CUMIN | | FEMA 2340 |
| | | | | MARJORAM, SWEET | | FEMA 2662 |
| | | | | OREGANO | | FEMA 2827 |
| | | | | PAPRIKA | | FEMA 2833 |
| | | | | PAPRIKA, OLEORESIN | | FEMA 2834 |
| | | | | PARSLEY | | FEMA 2835 |
| | | | | PEPPER, WHITE | | FEMA 2850 |
| | | | | POPPY SEED | | FEMA 2919 |
| | | | | ROSEMARY | | FEMA 2991 |
| | | | | SAFFRON | | FEMA 2998 |
| | | | | TURMERIC | | FEMA 3085 |
| | | | | 2-ISOBUTYL-3-METHOXYPYRAZ | | FEMA 3132 |
| | | | | DISODIUM GUANYLATE | NAS 0541 | FEMA 3292 |
| | | | | DISODIUM INOSINATE | NAS 0540 | FEMA 3293 |
| | | | | BROWN SUGAR | NAS 0369 | |
| | | | | COCONUT OIL | NAS 0373 | FEMA 3659 |
| | | | | COTTONSEED OIL | NAS 0376 | FEMA 3660 |
| 03 | OTHER GRAIN(R) | 12 | FLOR TREAT | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | BENZOYL PEROXIDE | NAS 0254 | |
| | | | | POTASSIUM BROMATE | NAS 0299 | |
| | | | | AZODICARBONAMIDE | NAS 0496 | |
| | | | | CHLORINE | NAS 0424 | |
| | | | | CHLORINE DIOXIDE | NAS 0425 | |
| 03 | OTHER GRAIN(R) | 13 | FCNNUL AID | ACACIA | NAS 0001 | FEMA 2001 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 03 | OTHER GRAIN(R) | 13 | FORMUL AID | CALCIUM PHOSPHATE MONO | NAS 0049 | |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MAGNESIUM SILICATE | NAS 0115 | |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | CORN STARCH | NAS 0411 | |
| | | | | GELATIN | NAS 0350 | |
| | | | | RICE STARCH | NAS 0487 | |
| 03 | OTHER GRAIN(R) | 15 | HUMECTANT | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| 03 | OTHER GRAIN(R) | 16 | LEAVENING | CALCIUM LACTATE | NAS 0045 | FEMA 3535 |
| | | | | CALCIUM PHOSPHATE MONO | NAS 0049 | |
| | | | | SODIUM ACID PYROPHOS | NAS 0176 | |
| | | | | SODIUM ALUMINUM PHOS | NAS 0179 | FEMA 3657 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM SULFITE | NAS 0206 | |
| | | | | YEASTS | NAS 0333 | |
| 03 | OTHER GRAIN(R) | 17 | LUBRICANT | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| 03 | OTHER GRAIN(R) | 18 | NATR SWEET | CORN SYRUP | NAS 0270 | |
| 03 | OTHER GRAIN(R) | 19 | NUTR SUPPL | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM PHOSPHATE DI | NAS 0046 | FEMA 3656 |
| | | | | FERRIC PHOSPHATE | NAS 0080 | |
| | | | | FERRIC SODIUM PYROPHOS | NAS 0082 | |
| | | | | FERROUS SULFATE | NAS 0085 | |
| | | | | IRON, REDUCED | NAS 0100 | |
| | | | | L-LYSINE | NAS 0109 | |
| | | | | NIACIN | NAS 0136 | |
| | | | | NIACINAMIDE | NAS 0137 | |
| | | | | RIBOFLAVIN | NAS 0169 | |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | THIAMINE MONONITRATE | NAS 0222 | |
| | | | | VITAMIN A PALMITATE | NAS 0243 | |
| | | | | VITAMIN B12 | NAS 0244 | |
| | | | | VITAMIN D2 | NAS 0245 | |
| | | | | ZEIN, POWDER | NAS 0334 | |
| | | | | DURAM FLOUR | NAS 0549 | |
| | | | | DURAM GRANULAR | NAS 0550 | |
| | | | | EGGS, WHOLE, DRIED | NAS 0518 | |
| 03 | OTHER GRAIN(R) | 20 | PH CONTROL | AMMONIUM BICARBONATE | NAS 0013 | |
| | | | | CALCIUM HYDROXIDE | NAS 0044 | |
| | | | | CALCIUM PHOSPHATE MONO | NAS 0049 | |

TABLE 13 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 03 | OTHER GRAIN(R) | 20 | PH CONTROL | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | SODIUM ACETATE | NAS 0175 | FEMA 3024 |
| | | | | SODIUM BISULFITE | NAS 0183 | |
| | | | | SODIUM CARBONATE | NAS 0185 | |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| | | | | SODIUM PHOSPHATE TRI | NAS 0199 | |
| | | | | SULFURIC ACID | NAS 0218 | |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | CHLORINE | NAS 0424 | |
| 03 | OTHER GRAIN(R) | 21 | PRESERVATV | HYDROGEN PEROXIDE | NAS 0098 | |
| | | | | METHYLPARABEN | NAS 0128 | FEMA 2710 |
| | | | | PROPYLPARABEN | NAS 0166 | FEMA 2951 |
| | | | | SODIUM BISULFITE | NAS 0183 | |
| | | | | SODIUM CHLORITE | NAS 0316 | |
| 03 | OTHER GRAIN(R) | 22 | PROCES AID | HYDROGEN PEROXIDE | NAS 0098 | |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| | | | | SODIUM HYPOCHLORITE | NAS 0319 | |
| 03 | OTHER GRAIN(R) | 24 | SEQUESTRNT | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| 03 | OTHER GRAIN(R) | 25 | SOLV VEHIC | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| 03 | OTHER GRAIN(R) | 26 | STBLZ THKR | METHYLCELLULOSE | NAS 0127 | FEMA 2696 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| 03 | OTHER GRAIN(R) | 30 | TEXTURIZER | STARCH, MODIFIED | NAS 0325 | |
| 03 | OTHER GRAIN(R) | 40 | NUTR SWEET | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 04 | FATS OILS(R) | 01 | ANTICAKNG | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CALCIUM SILICATE | NAS 0055 | |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| | | | | CALCIUM STEARATE | NAS 0260 | FEMA 3572 |
| 04 | FATS OILS(R) | 02 | ANTIOXIDNT | ASCORBYL PALMITATE | NAS 0023 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 04 | FATS OILS(R) | 02 | ANTIOXIDNT | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | ERYTHORBIC ACID | NAS 0078 | FEMA 2410 |
| | | | | NITROGEN | NAS 0138 | |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| 04 | FATS OILS(R) | 03 | COLOR | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROTENE | NAS 0063 | FEMA 3548 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| 04 | FATS OILS(R) | 05 | DOGH CONDR | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| 04 | FATS OILS(R) | 07 | EMULSIFIER | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | GLYCEROL LACTOPALMITATE | NAS 0281 | |
| | | | | PROPYLENE GLYCOL MSTEARAT | NAS 0309 | FEMA 2942 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | SOYBEAN OIL | NAS 0407 | FEMA 3695 |
| | | | | STARCH | NAS 0402 | |
| 04 | FATS OILS(R) | 08 | ENZYME | PANCREATIC EXTRACT | NAS 0390 | |
| 04 | FATS OILS(R) | 10 | FLAV ENHNC | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| 04 | FATS OILS(R) | 11 | FLAV AGNT | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | BENZOIC ACID | NAS 0029 | FEMA 2131 |
| | | | | CAPRYLIC ACID | NAS 0058 | FEMA 2799 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | DIACETYL TAR MONODIGLY | NAS 0076 | |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | PROPIONIC ACID | NAS 0163 | FEMA 2924 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM ACETATE | NAS 0175 | FEMA 3024 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 04 | FATS OILS(R) | 11 | FLAV AGNT | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM DIACETATE | NAS 0190 | FEMA 3512 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | BUTTER FAT ENZ MOD W /8 A | NAS 0258 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | STARTER DISTILLATE | NAS 0326 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | YEASTS | NAS 0333 | |
| | | | | ALLSPICE | | FEMA 2017 |
| | | | | ANISE | | FEMA 2093 |
| | | | | ASAFETIDA, FLUID EXTRACT | | FEMA 2106 |
| | | | | BASIL | | FEMA 2118 |
| | | | | BASIL, OIL | | FEMA 2119 |
| | | | | BAY, SWEET | | FEMA 2124 |
| | | | | CAPSICUM, OLEORESIN | | FEMA 2234 |
| | | | | CARAWAY | NAS 0421 | FEMA 2236 |
| | | | | CARDAMOM | | FEMA 2240 |
| | | | | CASSIA BARK, OIL | | FEMA 2258 |
| | | | | CAYENNE | | FEMA 2266 |
| | | | | CELERY SEED | | FEMA 2268 |
| | | | | CELERY SEED, EXTRACT | | FEMA 2269 |
| | | | | CELERY SEED, EXT SOLID | | FEMA 2270 |
| | | | | CELERY SEED, OIL | | FEMA 2271 |
| | | | | CINNAMON | | FEMA 2289 |
| | | | | CLOVE BUD, OIL | | FEMA 2323 |
| | | | | CLOVES | | FEMA 2327 |
| | | | | COGNAC, WHITE, OIL | | FEMA 2332 |
| | | | | CORIANDER | | FEMA 2333 |
| | | | | CUMIN | | FEMA 2340 |
| | | | | DILL | | FEMA 2382 |
| | | | | DILL, OIL | | FEMA 2383 |
| | | | | ESTRAGON, OIL | | FEMA 2412 |
| | | | | FENNEL, COMMON | | FEMA 2481 |
| | | | | FENUGREEK | | FEMA 2484 |
| | | | | GARLIC, OIL | | FEMA 2503 |
| | | | | GINGER | | FEMA 2520 |
| | | | | GRAINS OF PARADISE | | FEMA 2529 |
| | | | | LEMON, EXTRACT | | FEMA 2623 |
| | | | | LEMON-GRASS, OIL | | FEMA 2624 |
| | | | | LEMON, OIL | | FEMA 2625 |
| | | | | LEMON OIL, TERP/LESS | | FEMA 2626 |
| | | | | MARJORAM, SWEET | | FEMA 2662 |
| | | | | MARJORAM, SWEET, OIL | | FEMA 2663 |
| | | | | MUSTARD, BROWN | | FEMA 2760 |
| | | | | MUSTARD, YELLOW | | FEMA 2761 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| G4 | FATS OILS(R) | 11 | FLAV AGNT | NUTMEG | NAS 0431 | FEMA 2792 |
| | | | | ONION, OIL | | FEMA 2817 |
| | | | | OREGANO | | FEMA 2827 |
| | | | | PAPRIKA | | FEMA 2833 |
| | | | | PAPRIKA, OLEORESIN | | FEMA 2834 |
| | | | | PARSLEY | | FEMA 2835 |
| | | | | PEPPER, BLACK | | FEMA 2844 |
| | | | | PEPPER, BLACK, OLEORES | | FEMA 2846 |
| | | | | PEPPER, RED | | FEMA 2849 |
| | | | | PEPPER, WHITE | | FEMA 2850 |
| | | | | PEPPER, WHITE, OIL | | FEMA 2851 |
| | | | | PIMENTA LEAF, OIL | | FEMA 2901 |
| | | | | POPPY SEED | | FEMA 2919 |
| | | | | SAGE | | FEMA 3000 |
| | | | | SAGE, OIL | | FEMA 3001 |
| | | | | TARRAGON | | FEMA 3043 |
| | | | | THYME | | FEMA 3063 |
| | | | | TURMERIC | | FEMA 3085 |
| | | | | TURMERIC, OLEORESIN | | FEMA 3087 |
| | | | | HICKORY, SMOKE, DIST | | FEMA 3320 |
| | | | | TAMARIND, EXTRACT | | FEMA 3395 |
| | | | | ACETALDEHYDE | NAS 0446 | FEMA 2003 |
| | | | | ACETOIN | NAS 0363 | FEMA 2008 |
| | | | | N-BUTYRIC ACID | NAS 0337 | FEMA 2221 |
| | | | | TRIBUTYRIN | | FEMA 2223 |
| | | | | DIACETYL | | FEMA 2370 |
| | | | | ETHYL BUTYRATE | | FEMA 2427 |
| | | | | ETHYL VANILLIN | | FEMA 2464 |
| | | | | DILL SEED, INDIAN | | FEMA 2384 |
| | | | | ACETAL | | FEMA 2002 |
| | | | | ALLYL ISOTHIOCYANATE | | FEMA 2034 |
| | | | | ISOAMYL 2-FURANPROPIONATE | | FEMA 2071 |
| | | | | ISOAMYL HEXANOATE | | FEMA 2075 |
| | | | | BENZYL PHENYLACETATE | | FEMA 2149 |
| | | | | 2-BUTANONE | | FEMA 2170 |
| | | | | BUTTER ESTERS | | FEMA 2172 |
| | | | | BUTTER STARTER DIST | | FEMA 2173 |
| | | | | ISOBUTYRIC ACID | | FEMA 2222 |
| | | | | DE-DECALACTONE | | FEMA 2361 |
| | | | | PA-DIMETHOXYBENZENE | | FEMA 2386 |
| | | | | GE-DODECALACTONE | | FEMA 2400 |
| | | | | DE-DODECALACTONE | | FEMA 2401 |
| | | | | ESTRAGOLE | | FEMA 2411 |
| | | | | ETHYL BENZOATE | | FEMA 2422 |
| | | | | 2-ETHYLBUTYRIC ACID | | FEMA 2429 |
| | | | | ETHYL PROPIONATE | | FEMA 2456 |
| | | | | 2-HEPTANONE | | FEMA 2544 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 04 | FATS OILS(R) | 11 | FLAV AGNT | HEXANOIC ACID | | FEMA 2559 |
| | | | | 3-HEXENOL-1 | | FEMA 2563 |
| | | | | MALTOL | | FEMA 2656 |
| | | | | METHYL P6-TERT-BUTYLPHENY | | FEMA 2690 |
| | | | | METHYL MERCAPTAN | | FEMA 2716 |
| | | | | DIMETHYL SULFIDE | | FEMA 2746 |
| | | | | 2-METHYLTHIOPROPIONALDEHY | | FEMA 2747 |
| | | | | NEROL | | FEMA 2770 |
| | | | | 2,6-NONADIENOL-1 | | FEMA 2780 |
| | | | | NONANOIC ACID | | FEMA 2784 |
| | | | | 3-OCTANONE | | FEMA 2803 |
| | | | | 2-PENTANONE | | FEMA 2842 |
| | | | | 4-PENTENOIC ACID | | FEMA 2843 |
| | | | | PHENETHYL ALCOHOL | | FEMA 2858 |
| | | | | 4-PHENYL-3-BUTENONE-2 | | FEMA 2881 |
| | | | | 3-PHENYLPROPIONIC ACID | | FEMA 2889 |
| | | | | VALERALDEHYDE | | FEMA 3098 |
| | | | | VERATRALDEHYDE | | FEMA 3109 |
| | | | | 2-AMYL-5/6-KETO-1,4-DIOX | | FEMA 2076 |
| | | | | ANNATTO, EXTRACT | | FEMA 2103 |
| | | | | 2-BUTYL-5/6-KETODIOXANE | | FEMA 2204 |
| | | | | DECANOIC ACID | | FEMA 2364 |
| | | | | 2-HEXYL-5-KETO-1,4-DIOXAN | | FEMA 2574 |
| | | | | LAURIC ACID | | FEMA 2614 |
| | | | | VANILLIN | NAS 0336 | FEMA 3107 |
| | | | | 2-ISOBUTYL-3-METHOXYPYRAZ | | FEMA 3132 |
| | | | | 2T,4T-DECADIENAL | | FEMA 3135 |
| | | | | P&-ETHYLPHENOL | | FEMA 3156 |
| | | | | T2-HEXENOIC ACID | | FEMA 3169 |
| | | | | D&-OCTALACTONE | | FEMA 3214 |
| | | | | D-UNDECALACTONE | | FEMA 3482 |
| | | | | 4-DECENE-1-AL | | FEMA 3626 |
| | | | | HEPTA-2,4 DIENE-1-OL | | FEMA 3628 |
| | | | | HYDROGEN SULF-ISOVALLERAL | | FEMA 3561 |
| | | | | VINEGAR | NAS 0403 | |
| 04 | FATS OILS(R) | 13 | FORMUL AID | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | VEGETABLE OIL | NAS 0436 | FEMA 3702 |
| 04 | FATS OILS(R) | 17 | LUBRICANT | LECITHIN | NAS 0104 | FEMA 3519 |
| 04 | FATS OILS(R) | 18 | NNTR SWEET | CALCIUM SACCHARIN | NAS 0054 | FEMA 3528 |
| | | | | CORN SYRUP | NAS 0270 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 04 | FATS OILS(R) | 19 | NUTR SUPPL | CAROTENE | NAS 0063 | FEMA 3548 |
| | | | | VITAMIN A | NAS 0241 | |
| | | | | VITAMIN A ACETATE | NAS 0242 | |
| | | | | VITAMIN A PALMITATE | NAS 0243 | |
| | | | | VITAMIN D2 | NAS 0245 | |
| | | | | VITAMIN D3 | NAS 0246 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | MILK, SKIM, POWDERED | NAS 0514 | |
| 04 | FATS OILS(R) | 20 | PH CONTROL | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | ADIPIC ACID | NAS 0003 | FEMA 2011 |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| | | | | SODIUM PHOSPHATE TRI | NAS 0199 | |
| | | | | VINEGAR | NAS 0403 | |
| 04 | FATS OILS(R) | 21 | PRESERVATV | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | PROPYLPARABEN | NAS 0166 | FEMA 2951 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SORBIC ACID | NAS 0211 | FEMA 3624 |
| 04 | FATS OILS(R) | 22 | PROCES AID | HYDROGEN PEROXIDE | NAS 0096 | |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | BENZOYL PEROXIDE | NAS 0254 | |
| 04 | FATS OILS(R) | 23 | PROPL AERT | NITROGEN | NAS 0138 | |
| 04 | FATS OILS(R) | 24 | SEQUESTRNT | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | MONOGLYCERIDE CITRATE | NAS 0131 | |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | ISOPROPYL CITRATE(S) | NAS 0285 | |
| | | | | CALCIUM DISODIUM EDTA | NAS 0532 | FEMA 3510 |
| 04 | FATS OILS(R) | 25 | SOLV VEHIC | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| 04 | FATS OILS(R) | 26 | STBLZ THKR | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | AMMONIUM ALGINATE | NAS 0012 | |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 04 | FATS OILS(R) | 26 | STBLZ THKR | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | METHYLCELLULOSE | NAS 0127 | FEMA 2696 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | CELLULOSE | NAS 0265 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | CORN STARCH | NAS 0411 | |
| | | | | PECTIN | NAS 0335 | |
| 04 | FATS OILS(R) | 27 | SURFACTANT | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | METHYLPOLYSILICONE | NAS 0292 | |
| 04 | FATS OILS(R) | 29 | SYNERGIST | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CITRIC ACID | NAS 0063 | FEMA 2306 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| 04 | FATS OILS(R) | 40 | NUTR SWEET | CORN SYRUP | NAS 0270 | |
| | | | | SUCROSE | NAS 0328 | |
| 05 | MILK PRODS(R) | 01 | ANTICAKNG | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | SILICA AEROGEL | NAS 0174 | FEMA 3506 |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| 05 | MILK PRODS(R) | 02 | ANTIOXIDNT | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | TOCOPHEROLS CONC MIXED | NAS 0227 | |
| | | | | SODIUM ERYTHORBATE | NAS 0317 | |
| 05 | MILK PRODS(R) | 03 | COLOR | CARAMEL | NAS 0059 | FEMA 2235 |
| 05 | MILK PRODS(R) | 06 | DRYNG AGNT | CALCIUM SULFATE | NAS 0057 | |
| 05 | MILK PRODS(R) | 07 | EMULSIFIER | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | LECITHIN, MOD W/HYD PER | NAS 0287 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 05 | MILK PRODS(R) | 07 | EMULSIFIER | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| 05 | MILK PRODS(R) | 08 | ENZYME | RENNET | NAS 0168 | |
| 05 | MILK PRODS(R) | 09 | FIRMN AGNT | SODIUM CASEINATE | NAS 0167 | FEMA 3550 |
| 05 | MILK PRODS(R) | 10 | FLAV ENHNC | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | SODIUM CHLORIDE | NAS 0168 | FEMA 3537 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | STARTER DISTILLATE | NAS 0326 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | COCONUT OIL | NAS 0373 | FEMA 3659 |
| | | | | HESPERIDIN | NAS 0383 | |
| | | | | LACTOSE | NAS 0406 | FEMA 3667 |
| 05 | MILK PRODS(R) | 11 | FLAV AGNT | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2648 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SORBIC ACID | NAS 0211 | FEMA 3624 |
| | | | | BUTTER FAT ENZ MOD W /B A | NAS 0258 | |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | MALT SYRUP | NAS 0291 | FEMA 3579 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | ALMOND OIL, BITTER, FFPA | | FEMA 2046 |
| | | | | CAYENNE | | FEMA 2266 |
| | | | | CINNAMON | | FEMA 2289 |
| | | | | GRAPEFRUIT, OIL | | FEMA 2530 |
| | | | | NUTMEG | NAS 0431 | FEMA 2792 |
| | | | | OREGANO | | FEMA 2827 |
| | | | | PAPRIKA | | FEMA 2833 |
| | | | | PEPPER, BLACK | | FEMA 2844 |
| | | | | PEPPER, RED | | FEMA 2849 |
| | | | | COFFEE, EXTRACT | | FEMA 3279 |
| | | | | MALT, EXTRACT | | FEMA 3334 |
| | | | | ACETOIN | NAS 0363 | FEMA 2008 |
| | | | | N-BUTYRIC ACID | NAS 0337 | FEMA 2221 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 05 | MILK PRODS(R) | 11 | FLAV AGNT | DIACETYL | | FEMA 2370 |
| | | | | ETHYL VANILLIN | | FEMA 2464 |
| | | | | ALLYL CYCLOHEXANEPROPIONA | | FEMA 2026 |
| | | | | BUTTER ACIDS | | FEMA 2171 |
| | | | | BUTTER ESTERS | | FEMA 2172 |
| | | | | BUTYL 2-DECENOATE | | FEMA 2194 |
| | | | | BUTYL LACTATE | | FEMA 2205 |
| | | | | BUTYL LAURATE | | FEMA 2206 |
| | | | | BUTYL LEVULINATE | | FEMA 2207 |
| | | | | BUTYL STEARATE | | FEMA 2214 |
| | | | | ISOBUTYRIC ACID | | FEMA 2222 |
| | | | | ETHYL HEXANOATE | | FEMA 2439 |
| | | | | ETHYL LACTATE | | FEMA 2440 |
| | | | | 2-METHYLTHIOPROPIONALDEHY | | FEMA 2747 |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | PYROLIGNEOUS ACID | | FEMA 2967 |
| | | | | VANILLIN | NAS 0336 | FEMA 3107 |
| | | | | 2,6-NONADIENAL | | FEMA 3465 |
| | | | | NONADIENAL DIME ACETAL | | FEMA 3466 |
| | | | | COCOA | NAS 0371 | FEMA 3518 |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |
| 05 | MILK PRODS(R) | 13 | FORMUL AID | MANNITOL | NAS 0126 | FEMA 3520 |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | DEXTRIN | NAS 0338 | FEMA 3556 |
| | | | | WHEY, DRIED | NAS 0463 | |
| 05 | MILK PRODS(R) | 18 | NNTR SWEET | SACCHARIN | NAS 0171 | FEMA 3672 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| 05 | MILK PRODS(R) | 19 | NUTR SUPPL | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | CALCIUM PANTOTHENATE | NAS 0047 | |
| | | | | CALCIUM PHOSPHATE DI | NAS 0048 | FEMA 3656 |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CHOLINE BITARTRATE | NAS 0065 | |
| | | | | COPPER GLUCONATE | NAS 0069 | |
| | | | | FERRIC PHOSPHATE | NAS 0080 | |
| | | | | FERRIC PYROPHOSPHATE | NAS 0081 | |
| | | | | FERRIC SODIUM PYROPHOS | NAS 0082 | |
| | | | | FERROUS SULFATE | NAS 0085 | |
| | | | | MAGNESIUM HYDROXIDE | NAS 0111 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 05 | MILK PRODS(R) | 19 | NUTR SUPPL | MANGANESE SULFATE | NAS 0124 | |
| | | | | NIACIN | NAS 0136 | |
| | | | | NIACINAMIDE | NAS 0137 | |
| | | | | POTASSIUM CITRATE | NAS 0152 | |
| | | | | POTASSIUM IODIDE | NAS 0155 | |
| | | | | PYRIDOXINE HYDROCHLORIDE | NAS 0167 | |
| | | | | RIBOFLAVIN | NAS 0169 | |
| | | | | RIBOFLAVIN 5-PHOSPHATE | NAS 0170 | |
| | | | | SODIUM ASCORBATE | NAS 0180 | FEMA 3525 |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | THIAMINE MONONITRATE | NAS 0222 | |
| | | | | D-ALPHA TOCOPH ACET | NAS 0228 | |
| | | | | DL-ALPHA TOCOPH ACET | NAS 0229 | |
| | | | | VITAMIN A | NAS 0241 | |
| | | | | VITAMIN A PALMITATE | NAS 0243 | |
| | | | | VITAMIN B12 | NAS 0244 | |
| | | | | VITAMIN D2 | NAS 0245 | |
| | | | | VITAMIN D3 | NAS 0246 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | CALCIUM CASEINATE | NAS 0556 | |
| | | | | CASEIN | NAS 0422 | |
| | | | | COPPER SULFATE | NAS 0427 | |
| | | | | FERRIC AMMONIUM CITRATE | NAS 0380 | |
| | | | | LACTOSE | NAS 0406 | FEMA 3667 |
| | | | | SOYA PROTEIN ISOLATE | NAS 0446 | |
| | | | | WHEY, DRIED | NAS 0463 | |
| 05 | MILK PRODS(R) | 20 | PH CONTROL | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | CALCIUM HYDROXIDE | NAS 0044 | |
| | | | | CALCIUM OXIDE | NAS 0046 | |
| | | | | CALCIUM PHOSPHATE DI | NAS 0048 | FEMA 3656 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | POTASSIUM PHOSPHATE DI | NAS 0157 | |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CARBONATE | NAS 0185 | |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | GLUCONO-DELTA LACTONE | NAS 0278 | |
| | | | | POTASSIUM ACID PYROPHOS | NAS 0395 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 05 | MILK PRODS(R) | 21 | PRESERVATV | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SODIUM SULFITE | NAS 0206 | |
| | | | | SORBIC ACID | NAS 0211 | FEMA 3624 |
| | | | | SUCROSE | NAS 0328 | |
| 05 | MILK PRODS(R) | 22 | PROCES AID | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | LACTOSE | NAS 0406 | FEMA 3667 |
| 05 | MILK PRODS(R) | 24 | SEQUESTRNT | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| 05 | MILK PRODS(R) | 25 | SOLV VEHIC | GLYCERIN | NAS 0069 | FEMA 2525 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | CORN OIL | NAS 0374 | FEMA 3675 |
| 05 | MILK PRODS(R) | 26 | STBLZ THKR | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | STERCULIA GUM | NAS 0215 | FEMA 2605 |
| | | | | CELLULOSE | NAS 0265 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| | | | | CALCIUM CARRAGEENAN | NAS 0408 | |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |
| | | | | GELATIN | NAS 0350 | |
| | | | | PECTIN | NAS 0335 | |
| | | | | STARCH | NAS 0402 | |
| 05 | MILK PRODS(R) | 27 | SURFACTANT | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | LECITHIN, MOD W/HYD PER | NAS 0287 | |
| | | | | HYDROXY PROPYL PHOS DI | NAS 0384 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 05 | MILK PRODS(R) | 29 | SYNERGIST | CALCIUM SULFATE | NAS 0057 | |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | SODIUM ACID PYROPHOS | NAS 0176 | |
| | | | | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| 05 | MILK PRODS(R) | 30 | TEXTURIZER | CALCIUM SULFATE | NAS 0057 | |
| 05 | MILK PRODS(R) | 40 | NUTR SWEET | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 06 | CHEESE(R) | 01 | ANTICAKNG | GLYCERIN | NAS 0069 | FEMA 2525 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | CELLULOSE | NAS 0265 | |
| | | | | FERROCYANIDE SALTS | NAS 0276 | |
| 06 | CHEESE(R) | 02 | ANTIOXIDNT | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | RENNET | NAS 0168 | |
| 06 | CHEESE(R) | 03 | COLOR | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | POTASSIUM HYDROXIDE | NAS 0154 | |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| 06 | CHEESE(R) | 07 | EMULSIFIER | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | SODIUM ALUMINUM PHOS | NAS 0179 | FEMA 3657 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM PHOSPHATE TRI | NAS 0199 | |
| | | | | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| | | | | PROPYLENE GLYCOL MSTEARAT | NAS 0309 | FEMA 2942 |
| 06 | CHEESE(R) | 08 | ENZYME | RENNET | NAS 0168 | |
| | | | | PEPSIN | NAS 0296 | |
| | | | | LIPASE | NAS 0386 | |
| | | | | PANCREATIC EXTRACT | NAS 0390 | |
| 06 | CHEESE(R) | 09 | FIRMN AGNT | CALCIUM ACETATE | NAS 0035 | FEMA 2228 |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | GELATIN | NAS 0350 | |
| 06 | CHEESE(R) | 10 | FLAV ENHNC | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM PROPIONATE | NAS 0201 | FEMA 3513 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 06 | CHEESE(R) | 10 | FLAV ENHNC | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| 06 | CHEESE(R) | 11 | FLAV AGNT | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | BENZOIC ACID | NAS 0029 | FEMA 2131 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | DL-LEUCINE | NAS 0105 | FEMA 3329 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | PROPIONIC ACID | NAS 0163 | FEMA 2924 |
| | | | | SODIUM CHLORIDE | NAS 0186 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | ALLSPICE | | FEMA 2017 |
| | | | | CARAWAY, OIL | | FEMA 2238 |
| | | | | CAYENNE | | FEMA 2266 |
| | | | | CELERY SEED | | FEMA 2268 |
| | | | | CINNAMON | | FEMA 2289 |
| | | | | CLOVER TOP RED, EXT SOLID | | FEMA 2326 |
| | | | | CLOVES | | FEMA 2327 |
| | | | | CORIANDER | | FEMA 2333 |
| | | | | DANDELION, FLUID EXT | | FEMA 2357 |
| | | | | DILL | | FEMA 2382 |
| | | | | DILL, OIL | | FEMA 2383 |
| | | | | GINGER | | FEMA 2520 |
| | | | | PAPRIKA | | FEMA 2833 |
| | | | | PAPRIKA, OLEORESIN | | FEMA 2834 |
| | | | | PEPPER, BLACK | | FEMA 2844 |
| | | | | PEPPER, WHITE | | FEMA 2850 |
| | | | | CARVONE | | FEMA 2249 |
| | | | | CITRAL | | FEMA 2303 |
| | | | | DIACETYL | | FEMA 2370 |
| | | | | LOVAGE, EXTRACT | | FEMA 2650 |
| | | | | STYRAX, EXTRACT | | FEMA 3037 |
| | | | | AMMONIUM ISOVALERATE | | FEMA 2054 |
| | | | | 2-BUTANONE | | FEMA 2170 |
| | | | | BUTYL ACETATE | | FEMA 2174 |
| | | | | ISOBUTYL ACETATE | | FEMA 2175 |
| | | | | ISOBUTYL ALCOHOL | | FEMA 2179 |
| | | | | BUTYL BUTYRYLLACTATE | | FEMA 2190 |
| | | | | G&-DECALACTONE | | FEMA 2360 |
| | | | | DIETHYL SEBACATE | | FEMA 2376 |
| | | | | G&-DODECALACTONE | | FEMA 2400 |
| | | | | ETHYL HEPTANOATE | | FEMA 2437 |
| | | | | ETHYL HEXANOATE | | FEMA 2439 |
| | | | | ETHYL 3-PHENYLPROPIONATE | | FEMA 2455 |
| | | | | GUAIACOL | | FEMA 2532 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 06 | CHEESE(R) | 11 | FLAV AGNT | HEXANOIC ACID | | FEMA 2559 |
| | | | | 2-METHYLBUTYRIC ACID | | FEMA 2695 |
| | | | | 2-NONANONE | | FEMA 2785 |
| | | | | NONYL ALCOHOL | | FEMA 2789 |
| | | | | 2-OCTANONE | | FEMA 2802 |
| | | | | 3-OCTANONE | | FEMA 2803 |
| | | | | 3-OCTANONOL-1 | | FEMA 2804 |
| | | | | PHENETHYL PHENYLACETATE | | FEMA 2866 |
| | | | | 3-PHENYLPROPYL ACETATE | | FEMA 2890 |
| | | | | RHODINYL BUTYRATE | | FEMA 2982 |
| | | | | P@-TOLYL PHENYLACETATE | | FEMA 3077 |
| | | | | ISOVALERIC ACID | | FEMA 3102 |
| | | | | DECANOIC ACID | | FEMA 2364 |
| | | | | FURFURYL ACETATE | | FEMA 2490 |
| | | | | LAURIC ACID | | FEMA 2614 |
| | | | | MYRISTIC ACID | | FEMA 2764 |
| | | | | STEARIC ACID | NAS 0479 | FEMA 3035 |
| | | | | 2-ISOBUTYL-3-METHOXYPYRAZ | | FEMA 3132 |
| | | | | GLYCINE | NAS 0356 | FEMA 3310 |
| 06 | CHEESE(R) | 13 | FORMUL AID | SUCROSE | NAS 0328 | |
| 06 | CHEESE(R) | 15 | HUMECTANT | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| 06 | CHEESE(R) | 19 | NUTR SUPPL | DEXTROSE | NAS 0271 | |
| 06 | CHEESE(R) | 20 | PH CONTROL | AMMONIUM HYDROXIDE | NAS 0015 | |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | HYDROCHLORIC ACID | NAS 0097 | |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MAGNESIUM OXIDE | NAS 0112 | |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | POTASSIUM HYDROXIDE | NAS 0154 | |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM PHOSPHATE MONO | NAS 0198 | FEMA 3534 |
| | | | | SODIUM PHOSPHATE TRI | NAS 0199 | |
| | | | | SULFURIC ACID | NAS 0218 | |
| | | | | GLUCONO-DELTA LACTONE | NAS 0278 | |
| 06 | CHEESE(R) | 21 | PRESERVATV | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | METHYLPARABEN | NAS 0128 | FEMA 2710 |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 06 | CHEESE(R) | 21 | PRESERVATV | PROPYLPARABEN | NAS 0166 | FEMA 2951 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3029 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM PROPIONATE | NAS 0201 | FEMA 3513 |
| | | | | SORBIC ACID | NAS 0211 | FEMA 3624 |
| 06 | CHEESE(R) | 22 | PROCES AID | CALCIUM ACETATE | NAS 0035 | FEMA 2228 |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CARBON DIOXIDE | NAS 0060 | |
| | | | | RENNET | NAS 0168 | |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| 06 | CHEESE(R) | 23 | PROPL AERT | CARBON DIOXIDE | NAS 0060 | |
| 06 | CHEESE(R) | 24 | SEQUESTRNT | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| | | | | CALCIUM DISODIUM EDTA | NAS 0532 | FEMA 3510 |
| 06 | CHEESE(R) | 25 | SOLV VEHIC | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| 06 | CHEESE(R) | 26 | STBLZ THKR | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | RENNET | NAS 0168 | |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | GELATIN | NAS 0350 | |
| 06 | CHEESE(R) | 27 | SURFACTANT | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | OX BILE EXTRACT | NAS 0140 | |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| 06 | CHEESE(R) | 30 | TEXTURIZER | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | STARCH | NAS 0402 | |
| 07 | FROZN DAIRY(R) | 01 | ANTICAKNG | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| 07 | FROZN DAIRY(R) | 02 | ANTIOXIDNT | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 03 | COLOR | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROTENE | NAS 0063 | FEMA 3548 |
| | | | | ANNATTO, EXTRACT | | FEMA 2103 |
| 07 | FROZN DAIRY(R) | 06 | DRYNG AGNT | CALCIUM SULFATE | NAS 0057 | |
| 07 | FROZN DAIRY(R) | 07 | EMULSIFIER | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | GHATTI GUM | NAS 0086 | FEMA 2519 |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | PROPYLENE GLYCOL MSTEARAT | NAS 0309 | FEMA 2942 |
| | | | | POLYSORBATE 20 | | FEMA 2915 |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | POLYSORBATE 65 | NAS 0535 | |
| 07 | FROZN DAIRY(R) | 08 | ENZYME | RENNET | NAS 0168 | |
| 07 | FROZN DAIRY(R) | 09 | FIRMN AGNT | CALCIUM SULFATE | NAS 0057 | |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| 07 | FROZN DAIRY(R) | 10 | FLAV ENHNC | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | MALT SYRUP | NAS 0291 | FEMA 3579 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | NUTMEG | NAS 0431 | FEMA 2792 |
| | | | | COCOA | NAS 0371 | FEMA 3518 |
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | AGAR-AGAR | NAS 0004 | FEMA 2012 |
| | | | | DL-ALANINE | NAS 0005 | FEMA 3251 |
| | | | | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | BEESWAX, BLEACHED | NAS 0027 | FEMA 2126 |
| | | | | BENZOIC ACID | NAS 0029 | FEMA 2131 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | CAFFEINE | NAS 0034 | FEMA 2224 |
| | | | | CAPRYLIC ACID | NAS 0058 | FEMA 2799 |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | CAROB BEAN GUM | NAS 0062 | FEMA 2648 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | L-CYSTEINE | NAS 0071 | FEMA 3285 |
| | | | | DL-CYSTINE | NAS 0072 | FEMA 3286 |
| | | | | ETHYL FORMATE | NAS 0079 | FEMA 2434 |
| | | | | GLUTAMIC ACID | NAS 0087 | FEMA 3307 |
| | | | | GLYCERIN | NAS 0069 | FEMA 2525 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | DL-ISOLEUCINE | NAS 0101 | FEMA 3330 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | DL-LEUCINE | NAS 0105 | FEMA 3329 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | DL-PHENYLALANINE | NAS 0143 | FEMA 3372 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | PROPIONIC ACID | NAS 0163 | FEMA 2924 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| | | | | SORBIC ACID | NAS 0211 | FEMA 3624 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | STERCULIA GUM | NAS 0215 | FEMA 2605 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | TRIACETIN | NAS 0233 | FEMA 2007 |
| | | | | TRIETHYL CITRATE | NAS 0234 | FEMA 3083 |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | MALT SYRUP | NAS 0291 | FEMA 3579 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | TANNIC ACID | NAS 0330 | FEMA 3042 |
| | | | | ALFALFA, EXTRACT | | FEMA 2013 |
| | | | | ALLSPICE | | FEMA 2017 |
| | | | | ALLSPICE, OIL | | FEMA 2018 |
| | | | | ALMOND OIL, BITTER, FFPA | | FEMA 2046 |
| | | | | AMBERGRIS, TINCTURE | | FEMA 2049 |
| | | | | AMBRETTE, ABSOLUTE, OIL | | FEMA 2050 |
| | | | | AMBRETTE SEED, OIL | | FEMA 2051 |
| | | | | AMBRETTE, TINCTURE | | FEMA 2052 |
| | | | | ANGELICA ROOT, EXTRACT | | FEMA 2087 |
| | | | | ANGELICA ROOT, OIL | | FEMA 2088 |
| | | | | ANGELICA SEED, EXTRACT | | FEMA 2089 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | ANGELICA SEED, OIL | FEMA 2090 |
| | | | | ANGELICA STEM, OIL | FEMA 2091 |
| | | | | ANGOSTURA, EXTRACT | FEMA 2092 |
| | | | | ANISE | FEMA 2093 |
| | | | | ANISE, OIL | FEMA 2094 |
| | | | | ANISE, STAR | FEMA 2095 |
| | | | | ANISE, STAR, OIL | FEMA 2096 |
| | | | | ASAFETIDA, FLUID EXTRACT | FEMA 2106 |
| | | | | ASAFETIDA, OIL | FEMA 2108 |
| | | | | ASH BARK, PRICKLY, EXT | FEMA 2110 |
| | | | | BALM LEAVES, EXTRACT | FEMA 2112 |
| | | | | BALM, OIL | FEMA 2113 |
| | | | | BALSAM, PERU | FEMA 2116 |
| | | | | BALSAM, PERU, OIL | FEMA 2117 |
| | | | | BASIL | FEMA 2118 |
| | | | | BASIL, OIL | FEMA 2119 |
| | | | | BASIL, OLEORESIN | FEMA 2120 |
| | | | | BAY LEAVES, W IND, OIL | FEMA 2122 |
| | | | | BAY LEAVES, W IND, RESIN | FEMA 2123 |
| | | | | BAY, SWEET | FEMA 2124 |
| | | | | BAY, SWEET, OIL | FEMA 2125 |
| | | | | BERGAMOT, OIL | FEMA 2153 |
| | | | | CANANGA, OIL | FEMA 2232 |
| | | | | CAPSICUM, EXTRACT | FEMA 2233 |
| | | | | CAPSICUM, OLEORESIN | FEMA 2234 |
| | | | | CARAWAY, OIL | FEMA 2238 |
| | | | | CARDAMOM | FEMA 2240 |
| | | | | CARDAMOM SEED, OIL | FEMA 2241 |
| | | | | CARROT, OIL | FEMA 2244 |
| | | | | CASCARILLA BARK, OIL | FEMA 2255 |
| | | | | CASSIA | FEMA 2256 |
| | | | | CASSIA BARK, EXTRACT | FEMA 2257 |
| | | | | CASSIA BARK, OIL | FEMA 2258 |
| | | | | CASTOREUM, EXTRACT | FEMA 2261 |
| | | | | CASTOREUM, LIQUID | FEMA 2262 |
| | | | | CAYENNE | FEMA 2266 |
| | | | | CELERY SEED, EXTRACT | FEMA 2269 |
| | | | | CELERY SEED, EXT SOLID | FEMA 2270 |
| | | | | CELERY SEED, OIL | FEMA 2271 |
| | | | | CHAMOMILE FLOWER OIL, ENG | FEMA 2272 |
| | | | | CHAMOMILE FLOWER OIL, HUN | FEMA 2273 |
| | | | | CHAMOMILE FLOWER EXT, ROM | FEMA 2274 |
| | | | | CHAMOMILE FLOWER OIL, ROM | FEMA 2275 |
| | | | | CHERRY BARK, WILD, EXT | FEMA 2276 |
| | | | | CHERVIL | FEMA 2279 |
| | | | | CHICORY, EXTRACT | FEMA 2280 |
| | | | | CINNAMON | FEMA 2289 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SUBSTANCE SURVEY NO. |
|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | CINNAMON BARK, EXT | FEMA 2290 |
| | | | | CINNAMON BARK, OIL | FEMA 2291 |
| | | | | CINNAMON LEAF, OIL | FEMA 2292 |
| | | | | CITRONELLA, OIL | FEMA 2308 |
| | | | | CIVET, ABSOLUTE | FEMA 2319 |
| | | | | CLARY, OIL | FEMA 2321 |
| | | | | CLOVE BUD, EXTRACT | FEMA 2322 |
| | | | | CLOVE BUD, OIL | FEMA 2323 |
| | | | | CLOVE BUD, OLEORESIN | FEMA 2324 |
| | | | | CLOVE LEAF, OIL | FEMA 2325 |
| | | | | CLOVER TOP RED, EXT SOLID | FEMA 2326 |
| | | | | CLOVES | FEMA 2327 |
| | | | | CLOVE STEM, OIL | FEMA 2328 |
| | | | | COCA LEAF, EXTRACT | FEMA 2329 |
| | | | | COGNAC, GREEN, OIL | FEMA 2331 |
| | | | | COGNAC, WHITE, OIL | FEMA 2332 |
| | | | | CORIANDER | FEMA 2333 |
| | | | | CORIANDER, OIL | FEMA 2334 |
| | | | | CORN SILK | FEMA 2335 |
| | | | | CUMIN, OIL | FEMA 2343 |
| | | | | CURACO PEEL, EXT | FEMA 2344 |
| | | | | CURACAO PEEL, OIL | FEMA 2345 |
| | | | | DANDELION, FLUID EXT | FEMA 2357 |
| | | | | DANDELION ROOT, EXT SOLID | FEMA 2358 |
| | | | | DILL, OIL | FEMA 2383 |
| | | | | DOGGRASS, EXTRACT | FEMA 2403 |
| | | | | ELDER FLOWERS | FEMA 2406 |
| | | | | ESTRAGON, OIL | FEMA 2412 |
| | | | | FENNEL, SWEET, OIL | FEMA 2483 |
| | | | | FENUGREEK | FEMA 2484 |
| | | | | FENUGREEK, EXTRACT | FEMA 2485 |
| | | | | FENUGREEK, OLEORESIN | FEMA 2486 |
| | | | | GALANGAL ROOT, EXTRCT | FEMA 2499 |
| | | | | GALANGAL ROOT, OIL | FEMA 2500 |
| | | | | GARLIC, OIL | FEMA 2503 |
| | | | | GERANIUM, ROSE, OIL | FEMA 2508 |
| | | | | GINGER, EXTRACT | FEMA 2521 |
| | | | | GINGER, OIL | FEMA 2522 |
| | | | | GINGER, OLEORESIN | FEMA 2523 |
| | | | | GLYCYRRHIZIN, AMMONIATED | FEMA 2528 |
| | | | | GRAPEFRUIT, OIL | FEMA 2530 |
| | | | | HICKORY BARK, EXTRCT | FEMA 2577 |
| | | | | HOPS, EXTRACT | FEMA 2578 |
| | | | | HOPS, EXTRACT SOLID | FEMA 2579 |
| | | | | HOPS, OIL | FEMA 2580 |
| | | | | HOREHOUND, EXTRACT | FEMA 2581 |
| | | | | IMMORTELLE, EXTRACT | FEMA 2592 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 67 | FROZN DAIRY(R) | 11 | FLAV AGNT | JASMINE, ABSOLUTE | | FEMA 2598 |
| | | | | JASMINE, CONCRETE | | FEMA 2599 |
| | | | | JASMINE, OIL | | FEMA 2600 |
| | | | | JASMINE, SPIRITUS | | FEMA 2601 |
| | | | | JUNIPER, EXTRACT | | FEMA 2603 |
| | | | | JUNIPER, OIL | | FEMA 2604 |
| | | | | KOLA NUT, EXTRACT | | FEMA 2607 |
| | | | | LAVANDIN, OIL | | FEMA 2618 |
| | | | | LAVENDER, ABSOLUTE | | FEMA 2620 |
| | | | | LAVENDER, CONCRETE | | FEMA 2621 |
| | | | | LAVENDER, OIL | | FEMA 2622 |
| | | | | LEMON, EXTRACT | | FEMA 2623 |
| | | | | LEMON-GRASS, OIL | | FEMA 2624 |
| | | | | LEMON, OIL | | FEMA 2625 |
| | | | | LEMON OIL, TERP/LESS | | FEMA 2626 |
| | | | | LICORICE, EXTRACT | | FEMA 2628 |
| | | | | LICORICE, EXT POWDER | | FEMA 2629 |
| | | | | LICORICE ROOT | NAS 0564 | FEMA 2630 |
| | | | | LIME, OIL | | FEMA 2631 |
| | | | | LIME OIL, TERPENELESS | | FEMA 2632 |
| | | | | MACE, OIL | | FEMA 2653 |
| | | | | MACE, OLEORESIN | | FEMA 2654 |
| | | | | MANDARIN, OIL | | FEMA 2657 |
| | | | | MARIGOLD, POT | | FEMA 2658 |
| | | | | MARJORAM, OLEORESIN | | FEMA 2659 |
| | | | | MARJORAM, SWEET, OIL | | FEMA 2663 |
| | | | | MENTHOL | | FEMA 2665 |
| | | | | MENTHYL ACETATE | | FEMA 2668 |
| | | | | MUSK TONQUIN | | FEMA 2759 |
| | | | | NEROLI BIGARDE, OIL | | FEMA 2771 |
| | | | | NUTMEG | NAS 0431 | FEMA 2792 |
| | | | | NUTMEG, OIL | | FEMA 2793 |
| | | | | ONION, OIL | | FEMA 2817 |
| | | | | ORANGE BLOSSOMS, ABS | | FEMA 2818 |
| | | | | ORANGE FLOWERS | | FEMA 2819 |
| | | | | ORANGE LEAF, ABSOLUTE | | FEMA 2820 |
| | | | | ORANGE OIL | NAS 0493 | FEMA 2821 |
| | | | | ORANGE, OIL, TERPENELESS | | FEMA 2822 |
| | | | | ORANGE PEEL, BITTER, OIL | | FEMA 2823 |
| | | | | ORANGE PEEL, SWEET, EXT | | FEMA 2824 |
| | | | | ORANGE PEEL, SWEET, OIL | | FEMA 2825 |
| | | | | ORNGPL OIL SWEET TERP/LES | | FEMA 2826 |
| | | | | ORIGANUM, OIL | | FEMA 2828 |
| | | | | PALMAROSA, OIL | | FEMA 2831 |
| | | | | PAPRIKA, OLEORESIN | | FEMA 2834 |
| | | | | PARSLEY, OIL | | FEMA 2836 |
| | | | | PARSLEY, OLEORESIN | | FEMA 2837 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | PEPPER, BLACK, OIL | | FEMA 2845 |
| | | | | PEPPER, BLACK, OLEORES | | FEMA 2846 |
| | | | | PEPPERMINT, OIL | | FEMA 2848 |
| | | | | PEPPER, WHITE, OIL | | FEMA 2851 |
| | | | | PEPPER, WHITE, OLEORES | | FEMA 2852 |
| | | | | PETITGRAIN, LEMON, OIL | | FEMA 2853 |
| | | | | PETITGRAIN, MAND, OIL | | FEMA 2854 |
| | | | | PETITGRAIN, OIL | | FEMA 2855 |
| | | | | PIMENTA LEAF, OIL | | FEMA 2901 |
| | | | | PIPSISSEWA LEAVES, EXT | | FEMA 2914 |
| | | | | ROSE, ABSOLUTE | | FEMA 2988 |
| | | | | ROSE BULG/TRUE OTTO, OIL | | FEMA 2989 |
| | | | | ROSEMARY, OIL | | FEMA 2992 |
| | | | | ROSE WATER, STRONGER | | FEMA 2993 |
| | | | | RUE | | FEMA 2994 |
| | | | | RUE, OIL | | FEMA 2995 |
| | | | | SAFFRON, EXTRACT | | FEMA 2999 |
| | | | | SAGE, OIL | | FEMA 3001 |
| | | | | SAGE, SPANISH, OIL | | FEMA 3003 |
| | | | | SCHINUS MOLLE, OIL | | FEMA 3018 |
| | | | | SLOE BERRIES, EXTRACT | | FEMA 3021 |
| | | | | SLOE BERRIES, EXT SOLID | | FEMA 3022 |
| | | | | SPEARMINT, OIL | | FEMA 3032 |
| | | | | SPIKE LAVENDER, OIL | | FEMA 3033 |
| | | | | TANGERINE, OIL | | FEMA 3041 |
| | | | | THYME, OIL | | FEMA 3064 |
| | | | | THYME, WHITE, OIL | | FEMA 3065 |
| | | | | TUBEROSE, OIL | | FEMA 3084 |
| | | | | VANILLA | NAS 0433 | FEMA 3104 |
| | | | | VANILLA EXTRACT | NAS 0482 | FEMA 3105 |
| | | | | VANILLA, OLEORESIN | | FEMA 3106 |
| | | | | VIOLET LEAVES, ABSOL | | FEMA 3110 |
| | | | | YLANG YLANG, OIL | | FEMA 3119 |
| | | | | COCOA EXTRACT | | FEMA 3278 |
| | | | | COFFEE, EXTRACT | | FEMA 3279 |
| | | | | HICKORY, SMOKE, DIST | | FEMA 3320 |
| | | | | LUPULIN | | FEMA 3332 |
| | | | | MALT, EXTRACT | | FEMA 3334 |
| | | | | MATE LEAVES | | FEMA 3336 |
| | | | | TAMARIND, EXTRACT | | FEMA 3395 |
| | | | | TEA, EXTRACT | | FEMA 3397 |
| | | | | ACETALDEHYDE | NAS 0448 | FEMA 2003 |
| | | | | ACETOIN | NAS 0363 | FEMA 2008 |
| | | | | ACONITIC ACID | | FEMA 2010 |
| | | | | ANETHOLE | | FEMA 2086 |
| | | | | BENZALDEHYDE | NAS 0367 | FEMA 2127 |
| | | | | N-BUTYRIC ACID | NAS 0337 | FEMA 2221 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | TRIBUTYRIN | | FEMA 2223 |
| | | | | CARVONE | | FEMA 2249 |
| | | | | CINNAMALDEHYDE | | FEMA 2286 |
| | | | | CINNAMALDE ETHYLENE GLYOL | | FEMA 2287 |
| | | | | CITRAL | | FEMA 2303 |
| | | | | DECANAL | | FEMA 2362 |
| | | | | DIACETYL | | FEMA 2370 |
| | | | | ETHYL ACETATE | NAS 0449 | FEMA 2414 |
| | | | | ETHYL BUTYRATE | | FEMA 2427 |
| | | | | ETHYL METHYLPHENYLGLYCIDA | | FEMA 2444 |
| | | | | ETHYL VANILLIN | | FEMA 2464 |
| | | | | EUGENOL | | FEMA 2467 |
| | | | | GERANIOL | | FEMA 2507 |
| | | | | GERANYL ACETATE | | FEMA 2509 |
| | | | | /&/-LIMONENE | | FEMA 2633 |
| | | | | LINALOOL | | FEMA 2635 |
| | | | | LINALYL ACETATE | | FEMA 2636 |
| | | | | METHYL ANTHRANILATE | NAS 0563 | FEMA 2682 |
| | | | | PIPERONAL | | FEMA 2911 |
| | | | | GLYCEROL TRIBUTYRATE | | FEMA 3308 |
| | | | | ALTHEA ROOT | | FEMA 2048 |
| | | | | BALSAM FIR, OIL | | FEMA 2114 |
| | | | | BALSAM FIR, OLEORESIN | | FEMA 2115 |
| | | | | BENZOIN, RESIN | | FEMA 2133 |
| | | | | BLACKBERRY BARK, EXT | | FEMA 2155 |
| | | | | BORONIA, ABSOLUTE | | FEMA 2167 |
| | | | | BUCHU LEAVES, OIL | | FEMA 2169 |
| | | | | CAJEPUT, OIL | | FEMA 2225 |
| | | | | CAMPHOR, JAP, WHITE, OIL | | FEMA 2231 |
| | | | | CASCARA BITTERLESS, EXT | | FEMA 2253 |
| | | | | CASSIE, ABSOLUTE | | FEMA 2260 |
| | | | | CASTOR, OIL | | FEMA 2263 |
| | | | | CATECHU, EXTRACT | | FEMA 2264 |
| | | | | CATECHU, POWDER | | FEMA 2265 |
| | | | | CEDAR LEAF, OIL | | FEMA 2267 |
| | | | | CHERRY LAUREL OIL, FFPA | | FEMA 2277 |
| | | | | CHERRY PITS, EXTRACT | | FEMA 2278 |
| | | | | CINCHONA BARK, RED, EXT | | FEMA 2282 |
| | | | | COSTUS ROOT, OIL | | FEMA 2336 |
| | | | | CUBEBS, OIL | | FEMA 2339 |
| | | | | CURRANT BUDS, BLACK, ABS | | FEMA 2346 |
| | | | | DAVANA, OIL | | FEMA 2359 |
| | | | | ELEMI, GUM | | FEMA 2407 |
| | | | | ELEMI, OIL | | FEMA 2408 |
| | | | | EUCALYPTUS, OIL | | FEMA 2466 |
| | | | | GALBANUM, OIL | | FEMA 2501 |
| | | | | GALBANUM, RESIN | | FEMA 2502 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | GENET, ABSOLUTE | | FEMA 2504 |
| | | | | GENET, EXTRACT | | FEMA 2505 |
| | | | | GENTIAN ROOT, EXTRACT | | FEMA 2506 |
| | | | | GUAIAC WOOD, EXTRACT | | FEMA 2533 |
| | | | | GUAIAC WOOD, OIL | | FEMA 2534 |
| | | | | LABDANUM, ABSOLUTE | | FEMA 2608 |
| | | | | LABDANUM, OIL | | FEMA 2609 |
| | | | | LABDANUM, OLEORESIN | | FEMA 2610 |
| | | | | LINALOE WOOD, OIL | | FEMA 2634 |
| | | | | LOVAGE | | FEMA 2649 |
| | | | | LOVAGE, EXTRACT | | FEMA 2650 |
| | | | | LOVAGE, OIL | | FEMA 2651 |
| | | | | MIMOSA, ABSOLUTE | | FEMA 2755 |
| | | | | MT MAPLE, EXT SOLID | | FEMA 2757 |
| | | | | MYRRH, OIL | | FEMA 2766 |
| | | | | OAK CHIPS, EXTRACT | | FEMA 2794 |
| | | | | OAK MOSS, ABSOLUTE | | FEMA 2795 |
| | | | | OLIBANUM, OIL | | FEMA 2816 |
| | | | | ORRIS, CONCRETE, LIQ/OIL | | FEMA 2829 |
| | | | | ORRIS ROOT EXTRACT | | FEMA 2830 |
| | | | | PATCHOULY, OIL | | FEMA 2838 |
| | | | | PENNYROYAL, OIL | | FEMA 2839 |
| | | | | PINE NEED, DWARF, OIL | | FEMA 2904 |
| | | | | PINE, SCOTCH, OIL | | FEMA 2906 |
| | | | | QUASSIA, EXTRACT | | FEMA 2971 |
| | | | | QUEBRACHO BARK, EXTRACT | | FEMA 2972 |
| | | | | QUILLAJA | NAS 0399 | FEMA 2973 |
| | | | | RHATANY, EXTRACT | | FEMA 2979 |
| | | | | SANDALWOOD, YELLOW, OIL | | FEMA 3005 |
| | | | | SARSAPARILLA, EXTRACT | | FEMA 3009 |
| | | | | SNAKEROOT, CANADIAN, OIL | | FEMA 3023 |
| | | | | SPRUCE, OIL | | FEMA 3034 |
| | | | | STORAX | | FEMA 3036 |
| | | | | STYRAX, EXTRACT | | FEMA 3037 |
| | | | | TAGETES, OIL | | FEMA 3040 |
| | | | | TOLU, BALSAM, EXTRACT | | FEMA 3069 |
| | | | | TOLU, BALSAM, GUM | | FEMA 3070 |
| | | | | TURPENTINE, STEAM DIS | | FEMA 3089 |
| | | | | VALERIAN ROOT, EXTR | | FEMA 3099 |
| | | | | VALERIAN ROOT, OIL | | FEMA 3100 |
| | | | | WALNUT HULL, EXTRACT | | FEMA 3111 |
| | | | | WORMWOOD, EXTRACT | | FEMA 3115 |
| | | | | WORMWOOD, OIL | | FEMA 3116 |
| | | | | YERBA SANTA, FLD EXTR | | FEMA 3118 |
| | | | | AMYRIS | | FEMA 3254 |
| | | | | ARNICA, FLOWERS | | FEMA 3256 |
| | | | | COPAIBA | | FEMA 3280 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | DAMIANA, LEAVES | FEMA 3288 |
| | | | | ELECAMPANE, RIGIZ/ROOT | FEMA 3294 |
| | | | | GENTIAN, STEMLESS | FEMA 3304 |
| | | | | LEMON, VERBENA | FEMA 3327 |
| | | | | LUNGMOSS (LUNGWORT) | FEMA 3331 |
| | | | | OPOPANAX | FEMA 3365 |
| | | | | PASSION FLOWER,HERB EXT | FEMA 3367 |
| | | | | RHUBARB, ROOT | FEMA 3382 |
| | | | | ROSELLE | FEMA 3383 |
| | | | | ST. JOHNSWORT | FEMA 3385 |
| | | | | SERPENTARIA | FEMA 3389 |
| | | | | SIMARUBA, BARK | FEMA 3390 |
| | | | | VETIVER | FEMA 3406 |
| | | | | VIOLET, SWISS | FEMA 3407 |
| | | | | WOODRUFF, SWEET | FEMA 3408 |
| | | | | ACETAL | FEMA 2002 |
| | | | | ACETALDEHYDE PHENETHYL PR | FEMA 2004 |
| | | | | ACETANISOLE | FEMA 2005 |
| | | | | ACETOPHENONE | FEMA 2009 |
| | | | | ALLYL ANTHRANILATE | FEMA 2020 |
| | | | | ALLYL BUTYRATE | FEMA 2021 |
| | | | | ALLYL CINNAMATE | FEMA 2022 |
| | | | | ALLYL CYCLOHEXANEACETATE | FEMA 2023 |
| | | | | ALLYL CYCLOHEXANEBUTYRATE | FEMA 2024 |
| | | | | ALLYL CYCLOHEXANEHEXANOAT | FEMA 2025 |
| | | | | ALLYL CYCLOHEXANEPROPIONA | FEMA 2026 |
| | | | | ALLYL CYCLOHEXANEVALERATE | FEMA 2027 |
| | | | | DIALLYL DISULFIDE | FEMA 2028 |
| | | | | ALLYL 2-ETHYLBUTYRATE | FEMA 2029 |
| | | | | ALLYL HEXANOATE | FEMA 2032 |
| | | | | ALLYL A&-IONONE | FEMA 2033 |
| | | | | ALLYL ISOTHIOCYANATE | FEMA 2034 |
| | | | | ALLYL MERCAPTAN | FEMA 2035 |
| | | | | ALLYL NONANOATE | FEMA 2036 |
| | | | | ALLYL OCTANOATE | FEMA 2037 |
| | | | | ALLYL PHENOXYACETATE | FEMA 2038 |
| | | | | ALLYL PHENYLACETATE | FEMA 2039 |
| | | | | ALLYL PROPIONATE | FEMA 2040 |
| | | | | ALLYL SORBATE | FEMA 2041 |
| | | | | DIALLYL SULFIDE | FEMA 2042 |
| | | | | ALLYL TIGLATE | FEMA 2043 |
| | | | | ALLYL 1-UNDECENOATE | FEMA 2044 |
| | | | | ALLYL ISOVALERATE | FEMA 2045 |
| | | | | AMMONIUM ISOVALERATE | FEMA 2054 |
| | | | | ISOAMYL ACETATE | FEMA 2055 |
| | | | | AMYL ALCOHOL | FEMA 2056 |
| | | | | ISOAMYL ALCOHOL | FEMA 2057 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | ISOAMYL BENZOATE | FEMA 2058 |
| | | | | AMYL BUTYRATE | FEMA 2059 |
| | | | | ISOAMYL BUTYRATE | FEMA 2060 |
| | | | | A&-AMYLCINNAMALDEHYDE | FEMA 2061 |
| | | | | A&-AMYLCINNAMALDEHYD DIME | FEMA 2062 |
| | | | | ISOAMYL CINNAMATE | FEMA 2063 |
| | | | | A&-AMYLCINNAMYL ACETATE | FEMA 2064 |
| | | | | A&-AMYLCINNAMYL ALCOHOL | FEMA 2065 |
| | | | | A&-AMYLCINNAMYL FORMATE | FEMA 2066 |
| | | | | A&-AMYLCINNAMYL ISOVALER | FEMA 2067 |
| | | | | AMYL FORMATE | FEMA 2068 |
| | | | | ISOAMYL FORMATE | FEMA 2069 |
| | | | | ISOAMYL 2-FURANBUTYRATE | FEMA 2070 |
| | | | | ISOAMYL 2-FURANPROPIONATE | FEMA 2071 |
| | | | | AMYL HEPTANOATE | FEMA 2073 |
| | | | | AMYL HEXANOATE | FEMA 2074 |
| | | | | ISOAMYL HEXANOATE | FEMA 2075 |
| | | | | ISOAMYL LAURATE | FEMA 2077 |
| | | | | ISOAMYL NONANOATE | FEMA 2078 |
| | | | | AMYL OCTANOATE | FEMA 2079 |
| | | | | ISOAMYL OCTANOATE | FEMA 2080 |
| | | | | ISOAMYL PHENYLACETATE | FEMA 2081 |
| | | | | ISOAMYL PROPIONATE | FEMA 2082 |
| | | | | ISOAMYL PYRUVATE | FEMA 2083 |
| | | | | ISOAMYL SALICYLATE | FEMA 2084 |
| | | | | ISOAMYL ISOVALERATE | FEMA 2085 |
| | | | | ANISOLE | FEMA 2097 |
| | | | | ANISYL ACETATE | FEMA 2098 |
| | | | | ANISYL ALCOHOL | FEMA 2099 |
| | | | | ANISYL BUTYRATE | FEMA 2100 |
| | | | | ANISYL FORMATE | FEMA 2101 |
| | | | | ANISYL PROPIONATE | FEMA 2102 |
| | | | | BENZALDEHYDE DIME ACETAL | FEMA 2128 |
| | | | | BENZALD. GLYCERYL ACETAL | FEMA 2129 |
| | | | | BENZALD PROPYLENE GLYC | FEMA 2130 |
| | | | | BENZOIN | FEMA 2132 |
| | | | | BENZOPHENONE | FEMA 2134 |
| | | | | BENZYL ACETATE | FEMA 2135 |
| | | | | BENZYL ACETOACETATE | FEMA 2136 |
| | | | | BENZYL ALCOHOL | FEMA 2137 |
| | | | | BENZYL BENZOATE | FEMA 2138 |
| | | | | BENZYL BUTYL ETHER | FEMA 2139 |
| | | | | BENZYL BUTYRATE | FEMA 2140 |
| | | | | BENZYL ISOBUTYRATE | FEMA 2141 |
| | | | | BENZYL CINNAMATE | FEMA 2142 |
| | | | | BENZYL 2,3-DIMETHYLCROTON | FEMA 2143 |
| | | | | BENZYL ETHYL ETHER | FEMA 2144 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | BENZYL FORMATE | FEMA 2145 |
| | | | | 3-BENZYL-4-HEPTANONE | FEMA 2146 |
| | | | | BENZYL MERCAPTAN | FEMA 2147 |
| | | | | BENZYL METHOXYETHYL ACETA | FEMA 2148 |
| | | | | BENZYL PHENYLACETATE | FEMA 2149 |
| | | | | BENZYL PROPIONATE | FEMA 2150 |
| | | | | BENZYL SALICYLATE | FEMA 2151 |
| | | | | BENZYL ISOVALERATE | FEMA 2152 |
| | | | | BOIS DE ROSE, OIL | FEMA 2156 |
| | | | | BORNEOL | FEMA 2157 |
| | | | | ISOBORNEOL | FEMA 2158 |
| | | | | BORNYL ACETATE | FEMA 2159 |
| | | | | ISOBORNYL ACETATE | FEMA 2160 |
| | | | | BORNYL FORMATE | FEMA 2161 |
| | | | | ISOBORNYL FORMATE | FEMA 2162 |
| | | | | ISOBORNYL PROPIONATE | FEMA 2163 |
| | | | | BORNYL ISOVALERATE | FEMA 2165 |
| | | | | ISOBORNYL ISOVALERATE | FEMA 2166 |
| | | | | 2-BUTANONE | FEMA 2170 |
| | | | | BUTTER ACIDS | FEMA 2171 |
| | | | | BUTTER ESTERS | FEMA 2172 |
| | | | | BUTTER STARTER DIST | FEMA 2173 |
| | | | | BUTYL ACETATE | FEMA 2174 |
| | | | | ISOBUTYL ACETATE | FEMA 2175 |
| | | | | BUTYL ACETOACETATE | FEMA 2176 |
| | | | | ISOBUTYL ACETOACETATE | FEMA 2177 |
| | | | | BUTYL ALCOHOL | FEMA 2178 |
| | | | | ISOBUTYL ALCOHOL | FEMA 2179 |
| | | | | ISOBUTYL ANGELATE | FEMA 2180 |
| | | | | BUTYL ANTHRANILATE | FEMA 2181 |
| | | | | ISOBUTYL ANTHRANILATE | FEMA 2182 |
| | | | | ISOBUTYL BENZOATE | FEMA 2185 |
| | | | | BUTYL BUTYRATE | FEMA 2186 |
| | | | | ISOBUTYL BUTYRATE | FEMA 2187 |
| | | | | BUTYL ISOBUTYRATE | FEMA 2188 |
| | | | | ISOBUTYL ISOBUTYRATE | FEMA 2189 |
| | | | | BUTYL BUTYRYLLACTATE | FEMA 2190 |
| | | | | A&-BUTYLCINNAMALDEHYDE | FEMA 2191 |
| | | | | BUTYL CINNAMATE | FEMA 2192 |
| | | | | ISOBUTYL CINNAMATE | FEMA 2193 |
| | | | | BUTYL 2-DECENOATE | FEMA 2194 |
| | | | | BUTYL ETHYL MALONATE | FEMA 2195 |
| | | | | BUTYL FORMATE | FEMA 2196 |
| | | | | ISOBUTYL FORMATE | FEMA 2197 |
| | | | | ISOBUTYL 2-FURANPROPIONAT | FEMA 2198 |
| | | | | BUTYL HEPTANOATE | FEMA 2199 |
| | | | | ISOBUTYL HEPTANOATE | FEMA 2200 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | BUTYL HEXANOATE | FEMA 2201 |
| | | | | ISOBUTYL HEXANOATE | FEMA 2202 |
| | | | | BUTYL P@-HYDROXYBENZOATE | FEMA 2203 |
| | | | | BUTYL LACTATE | FEMA 2205 |
| | | | | BUTYL LEVULINATE | FEMA 2207 |
| | | | | A&-ISOBUTYLPHENETHYL ALCO | FEMA 2208 |
| | | | | BUTYL PHENYLACETATE | FEMA 2209 |
| | | | | ISOBUTYL PHENYLACETATE | FEMA 2210 |
| | | | | BUTYL PROPIONATE | FEMA 2211 |
| | | | | ISOBUTYL PROPIONATE | FEMA 2212 |
| | | | | ISOBUTYL SALICYLATE | FEMA 2213 |
| | | | | BUTYL STEARATE | FEMA 2214 |
| | | | | DIBUTYL SULFIDE | FEMA 2215 |
| | | | | BUTYL 10-UNDECENOATE | FEMA 2216 |
| | | | | BUTYL VALERATE | FEMA 2217 |
| | | | | BUTYL ISOVALERATE | FEMA 2218 |
| | | | | BUTYRALDEHYDE | FEMA 2219 |
| | | | | ISOBUTYRALDEHYDE | FEMA 2220 |
| | | | | ISOBUTYRIC ACID | FEMA 2222 |
| | | | | CAMPHENE | FEMA 2229 |
| | | | | /&/-CAMPHOR | FEMA 2230 |
| | | | | CARVACROL | FEMA 2245 |
| | | | | CARVACRYL ETHYL ETHER | FEMA 2246 |
| | | | | CARVEOL | FEMA 2247 |
| | | | | 4-CARVOMENTHENOL | FEMA 2248 |
| | | | | CARVYL ACETATE | FEMA 2250 |
| | | | | CARVYL PROPIONATE | FEMA 2251 |
| | | | | B&-CARYOPHYLLENE | FEMA 2252 |
| | | | | CINNAMIC ACID | FEMA 2288 |
| | | | | CINNAMYL ACETATE | FEMA 2293 |
| | | | | CINNAMYL ALCOHOL | FEMA 2294 |
| | | | | CINNAMYL ANTHRANILATE | FEMA 2295 |
| | | | | CINNAMYL BUTYRATE | FEMA 2296 |
| | | | | CINNAMYL ISOBUTYRATE | FEMA 2297 |
| | | | | CINNAMYL CINNAMATE | FEMA 2298 |
| | | | | CINNAMYL FORMATE | FEMA 2299 |
| | | | | CINNAMYL PHENYLACETATE | FEMA 2300 |
| | | | | CINNAMYL PROPIONATE | FEMA 2301 |
| | | | | CINNAMYL ISOVALERATE | FEMA 2302 |
| | | | | CITRAL DIETHYL ACETAL | FEMA 2304 |
| | | | | CITRAL DIMETHYL ACETAL | FEMA 2305 |
| | | | | CITRONELLAL | FEMA 2307 |
| | | | | DL-CITRONELLOL | FEMA 2309 |
| | | | | CITRONELLOXYACETALDEHYDE | FEMA 2310 |
| | | | | CITRONELLYL ACETATE | FEMA 2311 |
| | | | | CITRONELLYL BUTYRATE | FEMA 2312 |
| | | | | CITRONELLYL ISOBUTYRATE | FEMA 2313 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | CITRONELLYL FORMATE | FEMA 2314 |
| | | | | CITRONELLYL PHENYLACETATE | FEMA 2315 |
| | | | | CITRONELLYL PROPRIONATE | FEMA 2316 |
| | | | | CITRONELLYL VALERATE | FEMA 2317 |
| | | | | P&-CRESOL | FEMA 2337 |
| | | | | CUMINALDEHYDE | FEMA 2341 |
| | | | | CYCLOHEXANEACETIC ACID | FEMA 2347 |
| | | | | CYCLOHEXANE-ETHYL ACETATE | FEMA 2348 |
| | | | | CYCLOHEXYL ACETATE | FEMA 2349 |
| | | | | CYCLOHEXYL ANTHRANILATE | FEMA 2350 |
| | | | | CYCLOHEXYL BUTYRATE | FEMA 2351 |
| | | | | CYCLOHEXYL CINNAMATE | FEMA 2352 |
| | | | | CYCLOHEXYL FORMATE | FEMA 2353 |
| | | | | CYCLOHEXYL PROPIONATE | FEMA 2354 |
| | | | | CYCLOHEXYL ISOVALERATE | FEMA 2355 |
| | | | | P&-CYMENE | FEMA 2356 |
| | | | | G&-DECALACTONE | FEMA 2360 |
| | | | | D&-DECALACTONE | FEMA 2361 |
| | | | | DECANAL DIMETHYL ACETAL | FEMA 2363 |
| | | | | 1-DECANOL | FEMA 2365 |
| | | | | 2-DECENAL | FEMA 2366 |
| | | | | DECYL ACETATE | FEMA 2367 |
| | | | | DECYL BUTYRATE | FEMA 2368 |
| | | | | DECYL PROPIONATE | FEMA 2369 |
| | | | | DIBENZYL ETHER | FEMA 2371 |
| | | | | 4,4-DIBUTYL-G&-BUTYROLACT | FEMA 2372 |
| | | | | DIBUTYL SEBACATE | FEMA 2373 |
| | | | | DIETHYL MALATE | FEMA 2374 |
| | | | | DIETHYL MALONATE | FEMA 2375 |
| | | | | DIETHYL SEBACATE | FEMA 2376 |
| | | | | DIETHYL SUCCINATE | FEMA 2377 |
| | | | | DIHYDROCARVEOL | FEMA 2379 |
| | | | | DIHYDROCARVYL ACETATE | FEMA 2380 |
| | | | | M&-DIMETHOXYBENZENE | FEMA 2385 |
| | | | | P&-DIMETHOXYBENZENE | FEMA 2386 |
| | | | | 2,4-DIMETHYLACETOPHENONE | FEMA 2387 |
| | | | | A&-DIMETHYLBENZYL ISOBUTY | FEMA 2388 |
| | | | | 2,6-DIMETHYL-5-HEPTENAL | FEMA 2389 |
| | | | | 2,6-DIMETHYLOCTANAL | FEMA 2390 |
| | | | | A&-DIMETHYLPHENETHYL ACET | FEMA 2392 |
| | | | | A&-DIMETHYLPHENETHYL ALCO | FEMA 2393 |
| | | | | A&-DIMETHYLPHENETHYL BUTY | FEMA 2394 |
| | | | | A&-DIMETHYLPHENETHYL FORM | FEMA 2395 |
| | | | | DIMETHYL SUCCINATE | FEMA 2396 |
| | | | | 1,3-DIPHENYL PROPANONE-2 | FEMA 2397 |
| | | | | G&-DODECALACTONE | FEMA 2400 |
| | | | | D&-DODECALACTONE | FEMA 2401 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | 2-DODECENAL | FEMA 2402 |
| | | | | ESTRAGOLE | FEMA 2411 |
| | | | | P@-ETHOXYBENZALDEHYDE | FEMA 2413 |
| | | | | ETHYL ACETOACETATE | FEMA 2415 |
| | | | | ETHYL 2-ACETYL-3-PHENYLPR | FEMA 2416 |
| | | | | ETHYL ACONITATE | FEMA 2417 |
| | | | | ETHYL ACRYLATE | FEMA 2418 |
| | | | | ETHYL P@-ANISATE | FEMA 2420 |
| | | | | ETHYL ANTHRANILATE | FEMA 2421 |
| | | | | ETHYL BENZOATE | FEMA 2422 |
| | | | | ETHYL BENZOYLACETATE | FEMA 2423 |
| | | | | A&-ETHYLBENZYL BUTYRATE | FEMA 2424 |
| | | | | 2-ETHYLBUTYL ACETATE | FEMA 2425 |
| | | | | 2-ETHYLBUTYRALDEHYDE | FEMA 2426 |
| | | | | ETHYL ISOBUTYRATE | FEMA 2428 |
| | | | | 2-ETHYLBUTYRIC ACID | FEMA 2429 |
| | | | | ETHYL CINNAMATE | FEMA 2430 |
| | | | | ETHYL CYCLOHEXANEPROPIONA | FEMA 2431 |
| | | | | ETHYL DECANOATE | FEMA 2432 |
| | | | | ETHYL 2-FURANPROPIONATE | FEMA 2435 |
| | | | | 4-ETHYLGUAIACOL | FEMA 2436 |
| | | | | ETHYL HEPTANOATE | FEMA 2437 |
| | | | | 2-ETHYL-2-HEPTENAL | FEMA 2438 |
| | | | | ETHYL HEXANOATE | FEMA 2439 |
| | | | | ETHYL LACTATE | FEMA 2440 |
| | | | | ETHYL LAURATE | FEMA 2441 |
| | | | | ETHYL LEVULINATE | FEMA 2442 |
| | | | | ETHYL 2-METHYLBUTYRATE | FEMA 2443 |
| | | | | ETHYL MYRISTATE | FEMA 2445 |
| | | | | ETHYL NITRITE | FEMA 2446 |
| | | | | ETHYL NONANOATE | FEMA 2447 |
| | | | | ETHYL 2-NONYNOATE | FEMA 2448 |
| | | | | ETHYL OCTANOATE | FEMA 2449 |
| | | | | ETHYL OLEATE | FEMA 2450 |
| | | | | ETHYL PHENYLACETATE | FEMA 2452 |
| | | | | ETHYL 4-PHENYLBUTYRATE | FEMA 2453 |
| | | | | ETHYL 3-PHENYLGLYCIDATE | FEMA 2454 |
| | | | | ETHYL 3-PHENYLPROPIONATE | FEMA 2455 |
| | | | | ETHYL PROPIONATE | FEMA 2456 |
| | | | | ETHYL PYRUVATE | FEMA 2457 |
| | | | | ETHYL SALICYLATE | FEMA 2459 |
| | | | | ETHYL TIGLATE | FEMA 2460 |
| | | | | ETHYL 10-UNDECENOATE | FEMA 2461 |
| | | | | ETHYL VALERATE | FEMA 2462 |
| | | | | ETHYL ISOVALERATE | FEMA 2463 |
| | | | | EUCALYPTOL | FEMA 2465 |
| | | | | ISOEUGENOL | FEMA 2468 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | EUGENYL ACETATE | FEMA 2469 |
| | | | | ISOEUGENYL ACETATE | FEMA 2470 |
| | | | | EUGENYL BENZOATE | FEMA 2471 |
| | | | | ISOEUGENYL ETHYL ETHER | FEMA 2472 |
| | | | | EUGENYL FORMATE | FEMA 2473 |
| | | | | ISOEUGENYL FORMATE | FEMA 2474 |
| | | | | EUGENYL METHYL ETHER | FEMA 2475 |
| | | | | ISOEUGENYL METHYL ETHER | FEMA 2476 |
| | | | | ISOEUGENYL PHENYLACETATE | FEMA 2477 |
| | | | | FARNESOL | FEMA 2478 |
| | | | | /&/-FENCHONE | FEMA 2479 |
| | | | | FENCHYL ALCOHOL | FEMA 2480 |
| | | | | FORMIC ACID | FEMA 2487 |
| | | | | /2-FURYL/-2-PROPANONE | FEMA 2496 |
| | | | | ISOAMYL FUSEL OIL | FEMA 2497 |
| | | | | GERANYL ACETOACETATE | FEMA 2510 |
| | | | | GERANYL BENZOATE | FEMA 2511 |
| | | | | GERANYL BUTYRATE | FEMA 2512 |
| | | | | GERANYL ISOBUTYRATE | FEMA 2513 |
| | | | | GERANYL FORMATE | FEMA 2514 |
| | | | | GERANYL HEXANOATE | FEMA 2515 |
| | | | | GERANYL PHENYLACETATE | FEMA 2516 |
| | | | | GERANYL PROPIONATE | FEMA 2517 |
| | | | | GERANYL ISOVALERATE | FEMA 2518 |
| | | | | GUAIACOL | FEMA 2532 |
| | | | | GUAIACYL PHENYLACETATE | FEMA 2535 |
| | | | | GE-HEPTALACTONE | FEMA 2539 |
| | | | | HEPTANAL | FEMA 2540 |
| | | | | HEPTANAL DIMETHYL ACETAL | FEMA 2541 |
| | | | | HEPTANAL GLYCERYL ACETAL | FEMA 2542 |
| | | | | 2,3-HEPTANEDIONE | FEMA 2543 |
| | | | | 2-HEPTANONE | FEMA 2544 |
| | | | | 3-HEPTANONE | FEMA 2545 |
| | | | | 4-HEPTANONE | FEMA 2546 |
| | | | | HEPTYL ACETATE | FEMA 2547 |
| | | | | HEPTYL ALCOHOL | FEMA 2548 |
| | | | | HEPTYL BUTYRATE | FEMA 2549 |
| | | | | HEPTYL ISOBUTYRATE | FEMA 2550 |
| | | | | HEPTYL CINNAMATE | FEMA 2551 |
| | | | | HEPTYL FORMATE | FEMA 2552 |
| | | | | HEPTYL OCTANOATE | FEMA 2553 |
| | | | | W&-6-HEXADECENLACTONE | FEMA 2555 |
| | | | | G&-HEXALACTONE | FEMA 2556 |
| | | | | HEXANAL | FEMA 2557 |
| | | | | 2,3-HEXANEDIONE | FEMA 2558 |
| | | | | HEXANOIC ACID | FEMA 2559 |
| | | | | 2-HEXENAL | FEMA 2560 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFEC[illegible]

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | 2-H[illegible] E[illegible]ENOL-1 | FEMA 2562 |
| | | | | 3-H[illegible] E[illegible]ENOL-1 | FEMA 2563 |
| | | | | 2-H[illegible] E[illegible]ENYL ACETATE | FEMA 2564 |
| | | | | HE[illegible] W[illegible] ACETATE | FEMA 2565 |
| | | | | HE[illegible] W[illegible] ALCOHOL | FEMA 2567 |
| | | | | HE[illegible] W[illegible] BUTYRATE | FEMA 2568 |
| | | | | A[illegible] [illegible] E[illegible]XYLCINNAMALDEHYDE | FEMA 2569 |
| | | | | HE[illegible] W[illegible] FORMATE | FEMA 2570 |
| | | | | HE[illegible] W[illegible] HEXANOATE | FEMA 2572 |
| | | | | 2-H[illegible] E[illegible]YLIDENECYCLOPENTANON | FEMA 2573 |
| | | | | HE[illegible] W[illegible] OCTANOATE | FEMA 2575 |
| | | | | HE[illegible] W[illegible] PROPIONATE | FEMA 2576 |
| | | | | HYD[illegible] [illegible] XYCITRONELLAL | FEMA 2583 |
| | | | | HYD[illegible] [illegible] XYCITRONELLAL DIETHY | FEMA 2584 |
| | | | | HYD[illegible] [illegible] XYCITRONELLAL DIMETH | FEMA 2585 |
| | | | | HYD[illegible] [illegible] XYCITRONELLOL | FEMA 2586 |
| | | | | 5-H[illegible] W[illegible] ROXY-4-OCTANONE | FEMA 2587 |
| | | | | 4-P[illegible] [illegible] YDROXYPHEN-BUTANONE | FEMA 2588 |
| | | | | IND[illegible] [illegible] E | FEMA 2593 |
| | | | | A[illegible] [illegible] NONE | FEMA 2594 |
| | | | | B[illegible] [illegible] ONE | FEMA 2595 |
| | | | | A[illegible] [illegible] ONE | FEMA 2597 |
| | | | | LAU[illegible] [illegible] C ALDEHYDE | FEMA 2615 |
| | | | | LAU[illegible] [illegible] L ACETATE | FEMA 2616 |
| | | | | LAU[illegible] [illegible] L ALCOHOL | FEMA 2617 |
| | | | | LEW[illegible] [illegible] INIC ACID | FEMA 2627 |
| | | | | LIM[illegible] [illegible] YL ANTHRANILATE | FEMA 2637 |
| | | | | LIM[illegible] [illegible] YL BENZOATE | FEMA 2638 |
| | | | | LIM[illegible] [illegible] YL BUTYRATE | FEMA 2639 |
| | | | | LIM[illegible] [illegible] YL ISOBUTYRATE | FEMA 2640 |
| | | | | LIM[illegible] [illegible] YL CINNAMATE | FEMA 2641 |
| | | | | LIM[illegible] [illegible] YL FORMATE | FEMA 2642 |
| | | | | LIM[illegible] [illegible] YL HEXANOATE | FEMA 2643 |
| | | | | LIM[illegible] [illegible] YL OCTANOATE | FEMA 2644 |
| | | | | LIM[illegible] [illegible] YL PROPIONATE | FEMA 2645 |
| | | | | LIM[illegible] [illegible] YL ISOVALERATE | FEMA 2646 |
| | | | | MAL[illegible] [illegible] | FEMA 2656 |
| | | | | P[illegible] [illegible] NTHA-1,8-DIENOL-7 | FEMA 2664 |
| | | | | [illegible] [illegible] UMENTHOL | FEMA 2666 |
| | | | | MEN[illegible] [illegible] ONE | FEMA 2667 |
| | | | | MEN[illegible] [illegible] YL ISOVALERATE | FEMA 2669 |
| | | | | P[illegible] [illegible] THOXYBENZALDEHYDE | FEMA 2670 |
| | | | | 2-M[illegible] [illegible] HOXY-4-METHYLPHENOL | FEMA 2671 |
| | | | | 4-P[illegible] [illegible] ETHOXYPHENY-BUTANONE | FEMA 2672 |
| | | | | 1-P[illegible] [illegible] ETHOXYPHEN-1-PENTENO | FEMA 2673 |
| | | | | 1-P[illegible] [illegible] ETHOXYPHEN-PROPANONE | FEMA 2674 |
| | | | | 2-M[illegible] [illegible] HOXY-4-VINYLPHENOL | FEMA 2675 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FCCD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | METHYL ACETATE | FEMA 2676 |
| | | | | P@-METHYL ACETOPHENONE | FEMA 2677 |
| | | | | 2-METHYLALLYL BUTYRATE | FEMA 2678 |
| | | | | METHYL ANISATE | FEMA 2679 |
| | | | | O@-METHYLANISOLE | FEMA 2680 |
| | | | | P@-METHYLANISOLE | FEMA 2681 |
| | | | | METHYL BENZOATE | FEMA 2683 |
| | | | | A&-METHYLBENZYL ACETATE | FEMA 2684 |
| | | | | A&-METHYLBENZYL ALCOHOL | FEMA 2685 |
| | | | | A&-METHYLBENZYL BUTYRATE | FEMA 2686 |
| | | | | A&-METHYLBENZYL ISOBUTYRA | FEMA 2687 |
| | | | | A&-METHYLBENZYL FORMATE | FEMA 2688 |
| | | | | A&-METHYLBENZYL PROPIONAT | FEMA 2689 |
| | | | | METHYL P&-TERT-BUTYLPHENY | FEMA 2690 |
| | | | | 2-METHYLBUTYRALDEHYDE | FEMA 2691 |
| | | | | 3-METHYLBUTYRALDEHYDE | FEMA 2692 |
| | | | | METHYL BUTYRATE | FEMA 2693 |
| | | | | METHYL ISOBUTYRATE | FEMA 2694 |
| | | | | 2-METHYLBUTYRIC ACID | FEMA 2695 |
| | | | | A&-METHYLCINNAMALDEHYDE | FEMA 2697 |
| | | | | METHYL CINNAMATE | FEMA 2698 |
| | | | | METHYLCYCLOPENTENOLONE | FEMA 2700 |
| | | | | METHYL HEPTANOATE | FEMA 2705 |
| | | | | 2-METHYLHEPTANOIC ACID | FEMA 2706 |
| | | | | 6-METHYL-5-HEPTENONE-2 | FEMA 2707 |
| | | | | METHYL HEXANOATE | FEMA 2708 |
| | | | | METHYL 2-HEXENOATE | FEMA 2709 |
| | | | | METHYL-A&-IONONE | FEMA 2711 |
| | | | | METHYL-B&-IONONE | FEMA 2712 |
| | | | | METHYL-O&-IONONE | FEMA 2713 |
| | | | | ISOMETHYLIONONE, A&- | FEMA 2714 |
| | | | | METHYL LAURATE | FEMA 2715 |
| | | | | METHYL MERCAPTAN | FEMA 2716 |
| | | | | METHYL O@-METHOXYBENZOATE | FEMA 2717 |
| | | | | METHYL N-METHYLANTHRANILA | FEMA 2718 |
| | | | | METHYL 2-METHYLBUTYRATE | FEMA 2719 |
| | | | | METHYL 3-METHYLTHIOPROPIO | FEMA 2720 |
| | | | | METHYL 4-METHYLVALERATE | FEMA 2721 |
| | | | | METHYL MYRISTATE | FEMA 2722 |
| | | | | METHYL B&-NAPHTHYL KETONE | FEMA 2723 |
| | | | | METHYL NONANOATE | FEMA 2724 |
| | | | | METHYL 2-NONENOATE | FEMA 2725 |
| | | | | METHYL 2-NONYNOATE | FEMA 2726 |
| | | | | 2-METHYLOCTANAL | FEMA 2727 |
| | | | | METHYL OCTANOATE | FEMA 2728 |
| | | | | METHYL 2-OCTYNOATE | FEMA 2729 |
| | | | | 4-METHYL-2,3-PENTANEDIONE | FEMA 2730 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | 4-METHYL-2-PENTANONE | FEMA 2731 |
| | | | | BE-METHYLPHENETHYL ALCOHO | FEMA 2732 |
| | | | | METHYL PHENYLACETATE | FEMA 2733 |
| | | | | 3-METHYL-4-PHENYL-3-BUTEN | FEMA 2734 |
| | | | | 2-METHYL-4-PHENYL-2-BUTYL | FEMA 2735 |
| | | | | 2-METHYL-4-PHENYL-2-BUTYL | FEMA 2736 |
| | | | | 3-METHYL-2-PHENYLBUTYRALD | FEMA 2738 |
| | | | | METHYL 4-PHENYLBUTYRATE | FEMA 2739 |
| | | | | 4-METHYL-1-PHENYLPENTANON | FEMA 2740 |
| | | | | METHYL 3-PHENYLPROPIONATE | FEMA 2741 |
| | | | | METHYL PROPIONATE | FEMA 2742 |
| | | | | VIOLET ALPINE | FEMA 2743 |
| | | | | 6-METHYLQUINOLINE | FEMA 2744 |
| | | | | DIMETHYL SULFIDE | FEMA 2746 |
| | | | | 2-METHYLTHIOPROPIONALDEHY | FEMA 2747 |
| | | | | 2-METHYL-3-TOLYL PROPIONA | FEMA 2748 |
| | | | | 2-METHYLUNDECANAL | FEMA 2749 |
| | | | | METHYL 9-UNDECENOATE | FEMA 2750 |
| | | | | METHYL 2-UNDECYNOATE | FEMA 2751 |
| | | | | METHYL VALERATE | FEMA 2752 |
| | | | | METHYL ISOVALERATE | FEMA 2753 |
| | | | | 2-METHYLVALERIC ACID | FEMA 2754 |
| | | | | MYRCENE | FEMA 2762 |
| | | | | MYRISTALDEHYDE | FEMA 2763 |
| | | | | NEROL | FEMA 2770 |
| | | | | NEROLIDOL | FEMA 2772 |
| | | | | NERYL ACETATE | FEMA 2773 |
| | | | | NERYL BUTYRATE | FEMA 2774 |
| | | | | NERYL ISOBUTYRATE | FEMA 2775 |
| | | | | NERYL FORMATE | FEMA 2776 |
| | | | | NERYL PROPIONATE | FEMA 2777 |
| | | | | NERYL ISOVALERATE | FEMA 2778 |
| | | | | 2,6-NONADIENOL-1 | FEMA 2780 |
| | | | | GE-NONALACTONE | FEMA 2781 |
| | | | | NONANAL | FEMA 2782 |
| | | | | 1,3-NONANEDIOL ACETATE | FEMA 2783 |
| | | | | NONANOIC ACID | FEMA 2784 |
| | | | | 2-NONANONE | FEMA 2785 |
| | | | | NONYL ACETATE | FEMA 2788 |
| | | | | NONYL ALCOHOL | FEMA 2789 |
| | | | | NONYL OCTANOATE | FEMA 2790 |
| | | | | NONYL ISOVALERATE | FEMA 2791 |
| | | | | GE-OCTALACTONE | FEMA 2796 |
| | | | | OCTANAL | FEMA 2797 |
| | | | | OCTANAL DIMETHYL ACETAL | FEMA 2798 |
| | | | | 1-OCTANOL | FEMA 2800 |
| | | | | 2-OCTANOL | FEMA 2801 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | 2-OCTANONE | FEMA 2802 |
| | | | | 3-OCTANONE | FEMA 2803 |
| | | | | 3-OCTANONOL-1 | FEMA 2804 |
| | | | | 1-OCTENOL-3 | FEMA 2805 |
| | | | | OCTYL ACETATE | FEMA 2806 |
| | | | | OCTYL BUTYRATE | FEMA 2807 |
| | | | | OCTYL ISOBUTYRATE | FEMA 2808 |
| | | | | OCTYL FORMATE | FEMA 2809 |
| | | | | OCTYL HEPTANOATE | FEMA 2810 |
| | | | | OCTYL OCTANOATE | FEMA 2811 |
| | | | | OCTYL PHENYLACETATE | FEMA 2812 |
| | | | | OCTYL PROPIONATE | FEMA 2813 |
| | | | | OCTYL ISOVALERATE | FEMA 2814 |
| | | | | WE-PENTADECALACTONE | FEMA 2840 |
| | | | | 2,3-PENTANEDIONE | FEMA 2841 |
| | | | | 2-PENTANONE | FEMA 2842 |
| | | | | 4-PENTENOIC ACID | FEMA 2843 |
| | | | | AE-PHELLANDRENE | FEMA 2856 |
| | | | | PHENETHYL ACETATE | FEMA 2857 |
| | | | | PHENETHYL ALCOHOL | FEMA 2858 |
| | | | | PHENETHYL ANTHRANILATE | FEMA 2859 |
| | | | | PHENETHYL BENZOATE | FEMA 2860 |
| | | | | PHENETHYL BUTYRATE | FEMA 2861 |
| | | | | PHENETHYL ISOBUTYRATE | FEMA 2862 |
| | | | | PHENETHYL CINNAMATE | FEMA 2863 |
| | | | | PHENETHYL FORMATE | FEMA 2864 |
| | | | | PHENETHYL PHENYLACETATE | FEMA 2866 |
| | | | | PHENETHYL PROPIONATE | FEMA 2867 |
| | | | | PHENETHYL SALICYLATE | FEMA 2868 |
| | | | | PHENETHYL SENECIOATE | FEMA 2869 |
| | | | | PHENETHYL TIGLATE | FEMA 2870 |
| | | | | PHENETHYL ISOVALERATE | FEMA 2871 |
| | | | | PHENOXYACETIC ACID | FEMA 2872 |
| | | | | 2-PHENOXYETHYL ISOBUTYRAT | FEMA 2873 |
| | | | | PHENYLACETALDEHYDE | FEMA 2874 |
| | | | | PHENYLACETALDEHYDE 2,3-BU | FEMA 2875 |
| | | | | PHENYLACETALDEHYDE DIMETH | FEMA 2876 |
| | | | | PH-ACETALD. GLYCERYL ACET | FEMA 2877 |
| | | | | PHENYLACETIC ACID | FEMA 2878 |
| | | | | 4-PHENYLBUTANOL-2 | FEMA 2879 |
| | | | | 4-PHENYL-3-BUTENOL-2 | FEMA 2880 |
| | | | | 4-PHENYL-3-BUTENONE-2 | FEMA 2881 |
| | | | | 4-PHENYLBUTYL-2 ACETATE | FEMA 2882 |
| | | | | 1-PHENYL-3-METHYLPENTANOL | FEMA 2883 |
| | | | | 1-PHENYLPROPANOL-1 | FEMA 2884 |
| | | | | 3-PHENYLPROPANOL-1 | FEMA 2885 |
| | | | | 2-PHENYLPROPIONALDEHYDE | FEMA 2886 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | 3-PHENYLPROPIONALDEHYDE | | FEMA 2887 |
| | | | | 2-PHENYLPROPIONALD DIMET | | FEMA 2888 |
| | | | | 3-PHENYLPROPIONIC ACID | | FEMA 2889 |
| | | | | 3-PHENYLPROPYL ACETATE | | FEMA 2890 |
| | | | | 2-PHENYLPROPYL BUTYRATE | | FEMA 2891 |
| | | | | 2-PHENYLPROPYL ISOBUTYRAT | | FEMA 2892 |
| | | | | 3-PHENYLPROPYL ISOBUTYRAT | | FEMA 2893 |
| | | | | 3-PHENYLPROPYL CINNAMATE | | FEMA 2894 |
| | | | | 3-PHENYLPROPYL FORMATE | | FEMA 2895 |
| | | | | 3-PHENYLPROPYL HEXANOATE | | FEMA 2896 |
| | | | | 3-PHENYLPROPYL PROPIONATE | | FEMA 2897 |
| | | | | 2-/3-PHENYLPROPYL/-TETRAH | | FEMA 2898 |
| | | | | 3-PHENYLPROPYL ISOVALERAT | | FEMA 2899 |
| | | | | AL-PINENE | | FEMA 2902 |
| | | | | NOPINENE | | FEMA 2903 |
| | | | | PINE TAR, OIL | | FEMA 2907 |
| | | | | PIPERIDINE | | FEMA 2908 |
| | | | | PIPERINE | | FEMA 2909 |
| | | | | /G/-PIPERITONE | | FEMA 2910 |
| | | | | PIPERONYL ACETATE | | FEMA 2912 |
| | | | | PIPERONYL ISOBUTYRATE | | FEMA 2913 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | PROPENYLGUAETHOL | | FEMA 2922 |
| | | | | PROPIONALDEHYDE | | FEMA 2923 |
| | | | | PROPYL ACETATE | | FEMA 2925 |
| | | | | ISOPROPYL ACETATE | | FEMA 2926 |
| | | | | PA-ISOPROPYLACETOPHENONE | | FEMA 2927 |
| | | | | PROPYL ALCOHOL | | FEMA 2928 |
| | | | | ISOPROPYL ALCOHOL | | FEMA 2929 |
| | | | | PA-PROPYL ANISOLE | | FEMA 2930 |
| | | | | PA-ISOPROPYLBENZYL ALCOHO | | FEMA 2933 |
| | | | | PROPYL BUTYRATE | | FEMA 2934 |
| | | | | ISOPROPYL BUTYRATE | | FEMA 2935 |
| | | | | PROPYL ISOBUTYRATE | | FEMA 2936 |
| | | | | ISOPROPYL ISOBUTYRATE | | FEMA 2937 |
| | | | | PROPYL CINNAMATE | | FEMA 2938 |
| | | | | ISOPROPYL CINNAMATE | | FEMA 2939 |
| | | | | PROPYL FORMATE | | FEMA 2943 |
| | | | | ISOPROPYL FORMATE | | FEMA 2944 |
| | | | | PROPYL HEPTANOATE | | FEMA 2948 |
| | | | | PROPYL HEXANOATE | | FEMA 2949 |
| | | | | ISOPROPYL HEXANOATE | | FEMA 2950 |
| | | | | 3-PROPYLIDENEPHTHALIDE | | FEMA 2952 |
| | | | | AL-PROPYLPHENETHYL ALCOHO | | FEMA 2953 |
| | | | | PA-ISOPROPYLPHENYLACETALD | | FEMA 2954 |
| | | | | PROPYL PHENYLACETATE | | FEMA 2955 |
| | | | | ISOPROPYL PHENYLACETATE | | FEMA 2956 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | 3 P-ISOPROPYL-PHENYLPROPI | | FEMA 2957 |
| | | | | PROPYL PROPIONATE | | FEMA 2958 |
| | | | | ISOPROPYL PROPIONATE | | FEMA 2959 |
| | | | | PROPYL ISOVALERATE | | FEMA 2960 |
| | | | | ISOPROPYL ISOVALERATE | | FEMA 2961 |
| | | | | ISOPULEGOL | | FEMA 2962 |
| | | | | PULEGONE | | FEMA 2963 |
| | | | | ISOPULEGONE | | FEMA 2964 |
| | | | | ISOPULEGYL ACETATE | | FEMA 2965 |
| | | | | PYRIDINE | | FEMA 2966 |
| | | | | PYROLIGNEOUS ACID, EXT | | FEMA 2968 |
| | | | | PYROVALDEHYDE | | FEMA 2969 |
| | | | | PYROVIC ACID | | FEMA 2970 |
| | | | | ISOQUINOLINE | | FEMA 2978 |
| | | | | RHODINOL | | FEMA 2980 |
| | | | | RHODINYL ACETATE | | FEMA 2981 |
| | | | | RHODINYL BUTYRATE | | FEMA 2982 |
| | | | | RHODINYL ISOBUTYRATE | | FEMA 2983 |
| | | | | RHODINYL FORMATE | | FEMA 2984 |
| | | | | RHODINYL PHENYLACETATE | | FEMA 2985 |
| | | | | RHODINYL PROPIONATE | | FEMA 2986 |
| | | | | RHODINYL ISOVALERATE | | FEMA 2987 |
| | | | | ETHYL OXYHYDRATE | NAS 0379 | FEMA 2996 |
| | | | | SALICYLALDEHYDE | | FEMA 3004 |
| | | | | SANTALOL | | FEMA 3006 |
| | | | | SANTALYL ACETATE | | FEMA 3007 |
| | | | | SANTALYL PHENYL-ACE | | FEMA 3008 |
| | | | | SKATOLE | | FEMA 3019 |
| | | | | SUCROSE OCTAACETATE | | FEMA 3038 |
| | | | | A&-TERPINEOL | | FEMA 3045 |
| | | | | TERPINOLENE | | FEMA 3046 |
| | | | | TERPINYL ACETATE | | FEMA 3047 |
| | | | | TERPINYL ANTHRANILATE | | FEMA 3048 |
| | | | | TERPINYL BUTYRATE | | FEMA 3049 |
| | | | | TERPINYL ISOBUTYRATE | | FEMA 3050 |
| | | | | TERPINYL CINNAMATE | | FEMA 3051 |
| | | | | TERPINYL FORMATE | | FEMA 3052 |
| | | | | TERPINYL PROPIONATE | | FEMA 3053 |
| | | | | TERPINYL ISOVALERATE | | FEMA 3054 |
| | | | | TETRAHYDROFURFURYL ACETAT | | FEMA 3055 |
| | | | | TETRAHYDROFURFURYL ALCOHO | | FEMA 3056 |
| | | | | TETRAHYDROFURFURYL BUTYRA | | FEMA 3057 |
| | | | | TETRAHYDROFURFURYL PROPIO | | FEMA 3058 |
| | | | | TETRAHYDROPSEUDOIONONE | | FEMA 3059 |
| | | | | TETRAHYDROLINALOOL | | FEMA 3060 |
| | | | | TETRAMETHYL-ET-CYCLOHEXEN | | FEMA 3061 |
| | | | | 2-THIENYL MERCAPTAN | | FEMA 3062 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | THYMOL | FEMA 3066 |
| | | | | TOLUALD. GLYCERYL ACETAL | FEMA 3067 |
| | | | | TOLUALDEHYDES | FEMA 3068 |
| | | | | P@-TOLYLACETALDEHYDE | FEMA 3071 |
| | | | | O@-TOLYL ACETATE | FEMA 3072 |
| | | | | P@-TOLYL ACETATE | FEMA 3073 |
| | | | | P@-TOLYL ISOBUTYRATE | FEMA 3075 |
| | | | | P@-TOLYL LAURATE | FEMA 3076 |
| | | | | P@-TOLYL PHENYLACETATE | FEMA 3077 |
| | | | | 2-P@-TOLYL PROPIONALDEHYD | FEMA 3078 |
| | | | | 2-TRIDECENAL | FEMA 3082 |
| | | | | G&-UNDECALACTONE | FEMA 3091 |
| | | | | UNDECANAL | FEMA 3092 |
| | | | | 2-UNDECANONE | FEMA 3093 |
| | | | | 9-UNDECENAL | FEMA 3094 |
| | | | | 10-UNDECENAL | FEMA 3095 |
| | | | | 10-UNDECEN-1-YL ACETATE | FEMA 3096 |
| | | | | UNDECYL ALCOHOL | FEMA 3097 |
| | | | | VALERALDEHYDE | FEMA 3098 |
| | | | | VALERIC ACID | FEMA 3101 |
| | | | | ISOVALERIC ACID | FEMA 3102 |
| | | | | VANILLIN ACETATE | FEMA 3108 |
| | | | | VERATRALDEHYDE | FEMA 3109 |
| | | | | ZINGERONE | FEMA 3124 |
| | | | | H6-6-IPROPENL-4,4A-ME2-NA | FEMA 3166 |
| | | | | O@-METHOXYCINNAMALDEHYDE | FEMA 3181 |
| | | | | PROPYL DISULFIDE | FEMA 3228 |
| | | | | STYRENE | FEMA 3233 |
| | | | | ISO-AMYL ACETOACETATE | FEMA 3252 |
| | | | | ISO-AMYL ISO-BUTYRATE | FEMA 3253 |
| | | | | ANISYL PHENYLACETATE | FEMA 3255 |
| | | | | BEECHWOOD CREOSOTE | FEMA 3259 |
| | | | | THIOPHENOL | FEMA 3260 |
| | | | | BENZYL DISULFIDE | FEMA 3261 |
| | | | | CADINENE | FEMA 3263 |
| | | | | CARYOPHYLL ALC ACETATE | FEMA 3266 |
| | | | | B&-CARYOPHYLLENE ALCOHOL | FEMA 3267 |
| | | | | CARYOPHYLIENE ALCOHOL | FEMA 3268 |
| | | | | B-CARYOPHYLL ALC AC | FEMA 3269 |
| | | | | CEDARWOOD OILS, ALC/TERP | FEMA 3270 |
| | | | | CEDRYL ACETATE | FEMA 3271 |
| | | | | 1,4-CINEOLE | FEMA 3275 |
| | | | | CINNAMYL BENZOATE | FEMA 3276 |
| | | | | CITRAL PROP GLY ACETAL | FEMA 3277 |
| | | | | 3-DECEN-2-ONE | FEMA 3289 |
| | | | | 2,5-DIETHYLTETRAHYDFURAN | FEMA 3290 |
| | | | | ETHYL CROTONATE | FEMA 3295 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | ETGLY BRASSYLATE,EST | FEMA 3296 |
| | | | | 2-ETHYL FURAN | FEMA 3297 |
| | | | | ETHYL MALTOL | FEMA 3298 |
| | | | | ETHYL OCTADECANOATE | FEMA 3299 |
| | | | | ETHYL UNDECANOATE | FEMA 3300 |
| | | | | ISO-EUGENYL BENZYLETHER | FEMA 3301 |
| | | | | 1-FURYL-2-PROPANONE | FEMA 3303 |
| | | | | GUAIACYL ACETATE | FEMA 3311 |
| | | | | GUAIENE | FEMA 3312 |
| | | | | GUAIOL ACETATE | FEMA 3313 |
| | | | | HEPTANAL-1,2-GLYACETAL | FEMA 3314 |
| | | | | 3-HEPTANOL | FEMA 3315 |
| | | | | 3-HEXENL-2-MEBUTYRATE | FEMA 3316 |
| | | | | 3-HEXYNEL ISO-VALERATE | FEMA 3317 |
| | | | | HEXYL, ISO-VALERATE | FEMA 3318 |
| | | | | HEXYL-2-METHYLBUTYRATE | FEMA 3319 |
| | | | | ISO-JASMONE | FEMA 3325 |
| | | | | LINALOOL OXIDE | FEMA 3328 |
| | | | | P-MENTH-8-EN-2-ONE | FEMA 3337 |
| | | | | PERILLALDEHYDE | FEMA 3340 |
| | | | | ALPHA-TERPINENE | FEMA 3341 |
| | | | | GAMMA-TERPINENE | FEMA 3342 |
| | | | | P-MENTH-3-ENE-1-OL | FEMA 3343 |
| | | | | METHOXYBENZALDEHYDE | FEMA 3345 |
| | | | | 2-MEBUTYL ISOVALERATE | FEMA 3347 |
| | | | | P-METHYLCINNAMALDEHYDE | FEMA 3348 |
| | | | | METHYL DISULFIDE | FEMA 3350 |
| | | | | 4-ME-5-PRO-2-CYCHEXENONE | FEMA 3354 |
| | | | | OCIMENE | FEMA 3359 |
| | | | | 3-OCTANOL | FEMA 3360 |
| | | | | 1-OCTEN-3-YL ACETATE | FEMA 3362 |
| | | | | 3-OCTYL ACETATE | FEMA 3363 |
| | | | | 1-PENTEN-3-OL | FEMA 3369 |
| | | | | PERILLYL ACETATE | FEMA 3370 |
| | | | | PHENYLALANINE | FEMA 3371 |
| | | | | PROPYL THIOL | FEMA 3380 |
| | | | | B-TERPINEOL | FEMA 3399 |
| | | | | 2-P-CARVOMENTHENOL | FEMA 3423 |
| | | | | ALLYL 2-FUROATE | FEMA 2030 |
| | | | | ALLYL HEPTANOATE | FEMA 2031 |
| | | | | AMYL 2-FUROATE | FEMA 2072 |
| | | | | 2-AMYL-5/6-KETO-1,4-DIOX | FEMA 2076 |
| | | | | ANNATTO, EXTRACT | FEMA 2103 |
| | | | | APRICOT KERNEL, OIL | FEMA 2105 |
| | | | | BIRCH, SWEET, OIL | FEMA 2154 |
| | | | | BORNYL VALERATE | FEMA 2164 |
| | | | | BROMINATED VEG OILS | FEMA 2168 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FCCD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | 2-BUTYL-5/6-KETODIOXANE | | FEMA 2204 |
| | | | | CITRUS PEELS, EXTRACT | | FEMA 2318 |
| | | | | DECANOIC ACID | | FEMA 2364 |
| | | | | DIHYDROCOUMARIN | | FEMA 2381 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| | | | | FURFURAL | | FEMA 2489 |
| | | | | FURFURYL ACETATE | | FEMA 2490 |
| | | | | FURFURYL ALCOHOL | | FEMA 2491 |
| | | | | 2-FURFURYLIDENEBUTYRALDEH | | FEMA 2492 |
| | | | | FURFURYL MERCAPTAN | | FEMA 2493 |
| | | | | FURYL ACROLEIN | | FEMA 2494 |
| | | | | 4-/2-FURYL/-3-BUTENONE-2 | | FEMA 2495 |
| | | | | CIS-3-HEXENAL | | FEMA 2561 |
| | | | | HEXYL 2-FUROATE | | FEMA 2571 |
| | | | | 2-HEXYL-5-KETO-1,4-DIOXAN | | FEMA 2574 |
| | | | | LAURIC ACID | | FEMA 2614 |
| | | | | 6-METHYLCOUMARIN | | FEMA 2699 |
| | | | | PIPERONYL-ACETONE | | FEMA 2701 |
| | | | | 5-METHYLFURFURAL | | FEMA 2702 |
| | | | | METHYL 2-FUROATE | | FEMA 2703 |
| | | | | 2-METHYL-3-FURYLACROLEIN | | FEMA 2704 |
| | | | | 2-METHYL-4-PHENYLBUTYRALD | | FEMA 2737 |
| | | | | METHYL SALICYLATE | | FEMA 2745 |
| | | | | MUSK AMBRETTE | | FEMA 2758 |
| | | | | MYRISTIC ACID | | FEMA 2764 |
| | | | | G&-NAPHTHYL ANTHRANILATE | | FEMA 2767 |
| | | | | B&-NAPHTHYL ETHYL ETHER | | FEMA 2768 |
| | | | | NARINGIN | NAS 0485 | FEMA 2769 |
| | | | | 3-NONANONOL-1 | | FEMA 2786 |
| | | | | OLEIC ACID | | FEMA 2815 |
| | | | | PINE NEEDLE, OIL | | FEMA 2905 |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | PROPYL FUROATE-2 | | FEMA 2946 |
| | | | | PYROLIGNEOUS ACID | | FEMA 2967 |
| | | | | QUININE BISULFATE | | FEMA 2975 |
| | | | | QUININE HYDROCHLORIDE | | FEMA 2976 |
| | | | | QUININE SULFATE | | FEMA 2977 |
| | | | | STEARIC ACID | NAS 0479 | FEMA 3035 |
| | | | | G&-VALEROLACTONE | | FEMA 3103 |
| | | | | VANILLIN | NAS 0336 | FEMA 3107 |
| | | | | WINTERGREEN, EXTRACT | | FEMA 3112 |
| | | | | WINTERGREEN, OIL | | FEMA 3113 |
| | | | | 1-BUTOXY-1-PHENOXYETHANE | | FEMA 3125 |
| | | | | ACETYLPYRAZINE | | FEMA 3126 |
| | | | | ALLYL METHYL DISULFIDE | | FEMA 3127 |
| | | | | 2-BENZOFURANCARBOXALDEHYD | | FEMA 3128 |
| | | | | BIPHENYL | | FEMA 3129 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | BUTYLAMINE | FEMA 3130 |
| | | | | SEC-BUTYL ETHYL ETHER | FEMA 3131 |
| | | | | 2-ISOBUTYL-3-METHOXYPYRAZ | FEMA 3132 |
| | | | | 2-ISOBUTYL-3-METHYLPYRAZI | FEMA 3133 |
| | | | | 2-ISOBUTYLTHIAZOLE | FEMA 3134 |
| | | | | 2T,4T-DECADIENAL | FEMA 3135 |
| | | | | 2,3-DIETHYLPYRAZINE | FEMA 3136 |
| | | | | 2,6-DIMETHOXYPHENOL | FEMA 3137 |
| | | | | 3,4-DIMETHOXY-1-VINYLBENZ | FEMA 3138 |
| | | | | PA,AG-DIMETHYLBENZYL ALCO | FEMA 3139 |
| | | | | 2,6-DIMETHYL-4-HEPTANOL | FEMA 3140 |
| | | | | AG-SINENSAL | FEMA 3141 |
| | | | | CITRONELLIC ACID | FEMA 3142 |
| | | | | 2,4-DIMETHYL-2-PENTENOIC | FEMA 3143 |
| | | | | PA,AG-DIMETHYLSTYRENE | FEMA 3144 |
| | | | | 2,4-DIMETHYL-5-VINYLTHIAZ | FEMA 3145 |
| | | | | 2-FURFURYL DISULFIDE | FEMA 3146 |
| | | | | 1-ETHYL-2-ACETYLPYRROLE | FEMA 3147 |
| | | | | ETHYL T2-C4-DECADIENOATE | FEMA 3148 |
| | | | | 2-ETHYL-3,5-DIMETHYLPYRAZ | FEMA 3149 |
| | | | | 3-ETHYL-2,6-DIMETHYLPYRAZ | FEMA 3150 |
| | | | | 2-ETHYL-1-HEXANOL | FEMA 3151 |
| | | | | 3-ET-2-HO-2-CYC-PENTENONE | FEMA 3152 |
| | | | | 5-ET-3-HO-4-ME-2/5H/-FURA | FEMA 3153 |
| | | | | 2-ETHYL-5-METHYLPYRAZINE | FEMA 3154 |
| | | | | 3-ETHYL-2-METHYLPYRAZINE | FEMA 3155 |
| | | | | PA-ETHYLPHENOL | FEMA 3156 |
| | | | | 2-FURANMETHANETHIOL FORMA | FEMA 3158 |
| | | | | FURFURYL METHYL ETHER | FEMA 3159 |
| | | | | FURFURYL METHYL SULFIDE | FEMA 3160 |
| | | | | FURFURYL ISOPROPYL SULFID | FEMA 3161 |
| | | | | FURFURYL THIOACETATE | FEMA 3162 |
| | | | | 2-FURYL METHYL KETONE | FEMA 3163 |
| | | | | 2,4-HEPTADIENAL -TR,TR | FEMA 3164 |
| | | | | 2-HEPTENAL | FEMA 3165 |
| | | | | DG-HEXALACTONE | FEMA 3167 |
| | | | | 3,4-HEXANEDIONE | FEMA 3168 |
| | | | | T2-HEXENOIC ACID | FEMA 3169 |
| | | | | T3-HEXENOIC ACID | FEMA 3170 |
| | | | | C3-HEXEN-1-YL ACETATE | FEMA 3171 |
| | | | | HEXYL ISOBUTYRATE | FEMA 3172 |
| | | | | 1-HYDROXY-2-BUTANONE | FEMA 3173 |
| | | | | 4-HO-2,5-ME2-3/2H/-FURANO | FEMA 3174 |
| | | | | IONONE -GG | FEMA 3175 |
| | | | | PA-MENTHAN-2-ONE | FEMA 3176 |
| | | | | PA-MENTHA-8-THIOL-3-ONE | FEMA 3177 |
| | | | | PA-MENTH-1-ENE-9-AL | FEMA 3178 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| C7 | FROZN DAIRY(R) | 11 | FLAV AGNT | P@-MENTH-1-EN-3-OL | FEMA 3179 |
| | | | | 2-MERCAPTOPROPIONIC ACID | FEMA 3180 |
| | | | | P@-METHOXY-A&-METHYLCINNA | FEMA 3182 |
| | | | | 2-METHOXY-X-METHYLPYRAZIN | FEMA 3183 |
| | | | | 1-METHYL-2-ACETYLPYRROLE | FEMA 3184 |
| | | | | 4-METHYLBIPHENYL | FEMA 3186 |
| | | | | 3-METHYLCROTONIC ACID | FEMA 3187 |
| | | | | 2-METHYL-3-FURANTHIOL | FEMA 3188 |
| | | | | ME-X-FURFURYL-THIOPYRAZIN | FEMA 3189 |
| | | | | 5-METHYL-2,3-HEXANEDIONE | FEMA 3190 |
| | | | | 2-METHYL-5-METHOXYTHIAZOL | FEMA 3192 |
| | | | | 1-METHYLNAPHTHALENE | FEMA 3193 |
| | | | | 2T-METHYL-2-PENTENAL | FEMA 3194 |
| | | | | 2T-METHYL-2-PENTENOIC ACI | FEMA 3195 |
| | | | | JASMONE | FEMA 3196 |
| | | | | A-METHYLPHENETHYLBUTYRATE | FEMA 3197 |
| | | | | METHYL PHENETHYL ETHER | FEMA 3198 |
| | | | | 5-METHYL-2-PHEN-2-HEXENAL | FEMA 3199 |
| | | | | 4-METHYL-2-PHEN-2-PENTENA | FEMA 3200 |
| | | | | METHYL PROPYL DISULFIDE | FEMA 3201 |
| | | | | METHYL 2-PYRROLYL KETONE | FEMA 3202 |
| | | | | 5-METHYLQUINOXALINE | FEMA 3203 |
| | | | | 4-METHYL-5-THIAZOLEETHANO | FEMA 3204 |
| | | | | 4-ME-5-THIAZOLE-ET*OL- AC | FEMA 3205 |
| | | | | 2-METHYLTHIOACETALDEHYDE | FEMA 3206 |
| | | | | 1-/METHYLTHIO/-2-BUTANONE | FEMA 3207 |
| | | | | /METHYLTHIO/METHYLPYRAZIN | FEMA 3208 |
| | | | | O@-/METHYLTHIO/-PHENOL | FEMA 3210 |
| | | | | 2-METHYL-5-VINYLPYRAZINE | FEMA 3211 |
| | | | | 2,4-NONADIENAL | FEMA 3212 |
| | | | | 2-NONENAL | FEMA 3213 |
| | | | | D&-OCTALACTONE | FEMA 3214 |
| | | | | 2-OCTENAL | FEMA 3215 |
| | | | | 2,4-PENTADIENAL | FEMA 3217 |
| | | | | 2-PENTENAL | FEMA 3218 |
| | | | | ISOPENTYLAMINE | FEMA 3219 |
| | | | | PHENETHYLAMINE | FEMA 3220 |
| | | | | PHENETHYL HEXANOATE | FEMA 3221 |
| | | | | PHENETHYL OCTANOATE | FEMA 3222 |
| | | | | PHENOL | FEMA 3223 |
| | | | | 2-PHENYL-2-BUTENAL | FEMA 3224 |
| | | | | PHENYL DISULFIDE | FEMA 3225 |
| | | | | 1-PHENYL-1,2-PROPANEDIONE | FEMA 3226 |
| | | | | PROPENYL PROPYL DISULFIDE | FEMA 3227 |
| | | | | ISOPROPYL TIGLATE | FEMA 3229 |
| | | | | PYRAZINE ETHANETHIOL | FEMA 3230 |
| | | | | PYRAZINYL METHYL SULFIDE | FEMA 3231 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | 2-PYRAZINEMETHANETHIOL | | FEMA 3232 |
| | | | | MENTHOFURAN | | FEMA 3235 |
| | | | | ROSE OXIDE | | FEMA 3236 |
| | | | | TETRAMETHYLPYRAZINE | | FEMA 3237 |
| | | | | 2,2-THIODIMETHYLENE-DIFUR | | FEMA 3238 |
| | | | | 4-THUJANOL | | FEMA 3239 |
| | | | | TRIMETHYLAMINE | | FEMA 3241 |
| | | | | P&-CYMENOL-8 | | FEMA 3242 |
| | | | | ME3-CYCLOHEX-1-ENL 8U-2EN | | FEMA 3243 |
| | | | | 2,3,5-TRIMETHYLPYRAZINE | | FEMA 3244 |
| | | | | UNDECANOIC ACID | | FEMA 3245 |
| | | | | 2-UNDECANOL | | FEMA 3246 |
| | | | | 10-UNDECENOIC ACID | | FEMA 3247 |
| | | | | O@-VINYLANISOLE | | FEMA 3248 |
| | | | | 2,6-XYLENOL | | FEMA 3249 |
| | | | | BUTYROLACTONE | | FEMA 3421 |
| | | | | 3,4-DIME CYCLOPENT DIONE | | FEMA 3427 |
| | | | | DI-N-PROPYL TRISULFIDE | | FEMA 3430 |
| | | | | 3-ET-2,5-DIME PYRAZINE | | FEMA 3434 |
| | | | | DIETHYL ANTHRANILATE | | FEMA 3436 |
| | | | | ETHYL HEXENOATE | | FEMA 3437 |
| | | | | ET ME HYDX-DIHYDFURANONE | | FEMA 3438 |
| | | | | ET ME-P-TOLYL GLYCIDATE | | FEMA 3439 |
| | | | | FURFURYL BUTYRATE | | FEMA 3440 |
| | | | | FURFURYL PYRROL | | FEMA 3441 |
| | | | | 2, 4-HEXADIENAL | | FEMA 3443 |
| | | | | HEXYL BENZOATE | | FEMA 3445 |
| | | | | HYDROGEN SULPHIDE | | FEMA 3446 |
| | | | | HYDROQUINON ET ETHR | | FEMA 3447 |
| | | | | 3-HYDROXY-PENTANONE-2 | | FEMA 3448 |
| | | | | LINALYL PHENYLACETATE | | FEMA 3449 |
| | | | | MALONIC ACID | | FEMA 3450 |
| | | | | ISO-MENTHONE | | FEMA 3451 |
| | | | | 3-MERCAP PROPANOIC ACID | | FEMA 3452 |
| | | | | 2-METHYL PYRAZINE | | FEMA 3461 |
| | | | | O-UNDECALACTONE | | FEMA 3482 |
| | | | | 4-HEPTENAL | | FEMA 3490 |
| | | | | 2,6-DIMETHYL-4-HEPTANONE | | FEMA 3291 |
| | | | | DISODIUM GUANYLATE | NAS 0541 | FEMA 3292 |
| | | | | DISODIUM INOSINATE | NAS 0540 | FEMA 3293 |
| | | | | GLYCINE | NAS 0356 | FEMA 3310 |
| | | | | LEEK, OIL | | FEMA 3326 |
| | | | | MASTIC GUM | | FEMA 3335 |
| | | | | DL-METHIONINE | NAS 0359 | FEMA 3344 |
| | | | | METHYL 3-PYRIDYL KETONE | | FEMA 3355 |
| | | | | TEA TREE, OIL | | FEMA 3398 |
| | | | | P-TOLYL OCTANOATE | | FEMA 3401 |

TABLE 10 -- SUBSTANCES (GROUP 1-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | 2-UNDECEN-1-OL | FEMA 3403 |
| | | | | YARA YARA | FEMA 3409 |
| | | | | ACTL ME CARBINYL ACET | FEMA 3410 |
| | | | | ALLYL CROTONATE | FEMA 3411 |
| | | | | ALLYL HEXENOATE | FEMA 3412 |
| | | | | AMYL DECANOATE | FEMA 3414 |
| | | | | AMYL PHENYLACETATE | FEMA 3415 |
| | | | | AMYL SALICYLATE | FEMA 3416 |
| | | | | AMYL ISO VALERIANATE | FEMA 3417 |
| | | | | ISO-AMYL VALERIANATE | FEMA 3418 |
| | | | | BUTYL SALICYLATE | FEMA 3419 |
| | | | | ISOBUT ME ANTHRANILATE | FEMA 3420 |
| | | | | CARVOMENTHOL | FEMA 3422 |
| | | | | M-CRESOL | FEMA 3425 |
| | | | | O-CRESOL | FEMA 3426 |
| | | | | FURFURYLIDEN-2-PROPANAL | FEMA 3442 |
| | | | | METHALLYL CAPROATE | FEMA 3453 |
| | | | | 3-METHYL-3-BUTENE-2-1 | FEMA 3454 |
| | | | | METHYL FURFURACRYLAT | FEMA 3455 |
| | | | | 2-ME-5-ISOPROP PYRAZINE | FEMA 3458 |
| | | | | 4-ME-4-PENTEN-2-ONE | FEMA 3459 |
| | | | | ME PROPENYL DISULFIDE | FEMA 3460 |
| | | | | 2-ME TETRAHYDROFURANONE | FEMA 3463 |
| | | | | B-NAPHTH ISOBUTYL ETHER | FEMA 3464 |
| | | | | 2,6-NONADIENAL | FEMA 3465 |
| | | | | NONADIENAL DIME ACETAL | FEMA 3466 |
| | | | | NONANEDIOL-1,4-ACETATE | FEMA 3467 |
| | | | | 6-NONENAL | FEMA 3468 |
| | | | | 6-OCTENAL | FEMA 3469 |
| | | | | 2-PENTEN-1-OL | FEMA 3470 |
| | | | | 3-PENTEN-2-ONE | FEMA 3471 |
| | | | | PHENYLETHYL VALERATE | FEMA 3472 |
| | | | | 5-PHENYL PENTANOL | FEMA 3473 |
| | | | | 1-PHEN-3/5-PROP PYRAZOL | FEMA 3474 |
| | | | | ISO-PHORONE | FEMA 3475 |
| | | | | PROPYL VALERIANATE | FEMA 3476 |
| | | | | TIGLALDEHYDE | FEMA 3478 |
| | | | | O-TOLYL ISO-BUTYRATE | FEMA 3479 |
| | | | | 2,5-UNDECADIENAL | FEMA 3481 |
| | | | | VALILLYL ALCOHOL | FEMA 3483 |
| | | | | VANILLYLIDENE ACETON | FEMA 3484 |
| | | | | VETIVERYL ACETATE | FEMA 3485 |
| | | | | B-BOURBONENE | FEMA 3486 |
| | | | | CARYOPHYLLENE OXIDE | FEMA 3488 |
| | | | | GERANYL ACETONE | FEMA 3489 |
| | | | | 3-HEXENL PHENYLACETATE | FEMA 3491 |
| | | | | HEXYL PHENYLACETATE | FEMA 3492 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 11 | FLAV AGNT | ISOAMYL 2-ME BUTYRATE | | FEMA 3493 |
| | | | | JASMONE | | FEMA 3494 |
| | | | | 1-P-MENTHEN-9-YL ACETATE | | FEMA 3495 |
| | | | | PINOCARVEOL | | FEMA 3496 |
| | | | | PIPERITENONE | | FEMA 3497 |
| | | | | PIPERITENONE OXIDE | | FEMA 3498 |
| | | | | VERBENOL | | FEMA 3499 |
| | | | | ACETONE | | FEMA 3588 |
| | | | | 2-ACETYL PYRIDINE | | FEMA 3585 |
| | | | | ALLYL CAPROATE | | FEMA 3543 |
| | | | | ANISIC ALDEHYDE | | FEMA 3621 |
| | | | | BROWN SUGAR | NAS 0369 | |
| | | | | A&KETO BUTYRIC ACID | | FEMA 3593 |
| | | | | N-BUTYL SALICYLATE | | FEMA 3558 |
| | | | | SOLID EXTRACT COFFEE | | FEMA 3571 |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |
| | | | | 4-DECENE-1-AL | | FEMA 3626 |
| | | | | 2,5 DIMETHYL PYRAZINE | | FEMA 3596 |
| | | | | 2,6 DIMETHYL PYRAZINE | | FEMA 3597 |
| | | | | ETHYL PELARGONATE | | FEMA 3650 |
| | | | | 2-ETHYL PYRIZINE | | FEMA 3601 |
| | | | | FURFURYL ISOVALERATE | | FEMA 3627 |
| | | | | GRAPEFRUIT OIL CONC | | FEMA 3631 |
| | | | | HEPTA-2,4 DIENE-1-OL | | FEMA 3628 |
| | | | | CIS-3-HEXENAL PROPIONATE | | FEMA 3603 |
| | | | | TRANS-3-HEXENAL | | FEMA 3602 |
| | | | | CIS-3-HEXENYL VALERATE | | FEMA 3604 |
| | | | | MATE ABSOLUTE | | FEMA 3644 |
| | | | | B&-METHYL OCTALACTONE | | FEMA 3606 |
| | | | | METHYL THIOFUROATE | | FEMA 3629 |
| | | | | B&-METHYL UMBELLIFERON | | FEMA 3609 |
| | | | | OEANTHIC ETHER | | FEMA 3649 |
| | | | | PREMOL | | FEMA 3611 |
| | | | | TETRAHYDROFURFURYLCINAMAT | | FEMA 3587 |
| | | | | TOLVALDEHYDES,PARA | | FEMA 3633 |
| | | | | TIGLIC ACID | | FEMA 3614 |
| 07 | FROZN DAIRY(R) | 13 | FORMUL AID | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | WHEY, DRIED | NAS 0463 | |
| 07 | FROZN DAIRY(R) | 16 | LEAVENING | ADIPIC ACID | NAS 0003 | FEMA 2011 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 18 | NNTR SWEET | CALCIUM SACCHARIN | NAS 0054 | FEMA 3528 |
| | | | | SACCHARIN | NAS 0171 | FEMA 3672 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| 07 | FROZN DAIRY(R) | 19 | NUTR SUPPL | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | VITAMIN A PALMITATE | NAS 0243 | |
| | | | | SOYA PROTEIN ISOLATE | NAS 0446 | |
| 07 | FROZN DAIRY(R) | 20 | PH CONTROL | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | CALCIUM HYDROXIDE | NAS 0044 | |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MAGNESIUM CARBONATE | NAS 0110 | |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | LEVULINIC ACID | | FEMA 2627 |
| 07 | FROZN DAIRY(R) | 21 | PRESERVATV | BENZOIC ACID | NAS 0029 | FEMA 2131 |
| | | | | METHYLPARABEN | NAS 0128 | FEMA 2710 |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| | | | | PROPYLPARABEN | NAS 0166 | FEMA 2951 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| 07 | FROZN DAIRY(R) | 22 | PROCES AID | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| 07 | FROZN DAIRY(R) | 24 | SEQUESTRNT | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| 07 | FROZN DAIRY(R) | 25 | SOLV VEHIC | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | TRIACETIN | NAS 0233 | FEMA 2007 |
| | | | | TRIETHYL CITRATE | NAS 0234 | FEMA 3083 |
| | | | | BENZYL ALCOHOL | | FEMA 2137 |
| | | | | BENZYL BENZOATE | | FEMA 2138 |
| | | | | DIBUTYL SEBACATE | | FEMA 2373 |
| | | | | DIETHYL SEBACATE | | FEMA 2376 |
| | | | | DIETHYL SUCCINATE | | FEMA 2377 |
| | | | | DIETHYL TARTRATE | | FEMA 2378 |

TABLE 13 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 25 | SOLV VEHIC | LEVULINIC ACID | | FEMA 2627 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| | | | | TRIPROPIONINE | | FEMA 3402 |
| | | | | ISO-PROPYL MYRISTATE | | FEMA 3378 |
| | | | | BUTYLENE GLYCOL | NAS 0531 | FEMA 3516 |
| | | | | COCONUT OIL | NAS 0373 | FEMA 3659 |
| 07 | FROZN DAIRY(R) | 26 | STBLZ THKR | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | CALCIUM SULFATE | NAS 0057 | |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2648 |
| | | | | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | METHYLCELLULOSE | NAS 0127 | FEMA 2696 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | STERCULIA GUM | NAS 0215 | FEMA 2605 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |
| | | | | CELLULOSE | NAS 0265 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | SORBITAN MONOSTEARATE | NAS 0401 | FEMA 3028 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | CALCIUM CARRAGEENAN | NAS 0408 | |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |
| | | | | DEXTRIN | NAS 0338 | FEMA 3556 |
| | | | | GELATIN | NAS 0350 | |
| | | | | PECTIN | NAS 0335 | |
| | | | | STARCH | NAS 0402 | |
| 07 | FROZN DAIRY(R) | 27 | SURFACTANT | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 07 | FROZN DAIRY(R) | 27 | SURFACTANT | POLYSORBATE 20 | | FEMA 2915 |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | CORN OIL | NAS 0374 | FEMA 3675 |
| 07 | FROZN DAIRY(R) | 30 | TEXTURIZER | CALCIUM SULFATE | NAS 0057 | |
| | | | | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | METHYLCELLULOSE | NAS 0127 | FEMA 2696 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| 07 | FROZN DAIRY(R) | 40 | NUTR SWEET | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 08 | PROCSD FRUT(R) | 02 | ANTIOXIDNT | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | CARBON DIOXIDE | NAS 0060 | |
| | | | | NITROGEN | NAS 0138 | |
| | | | | SODIUM BISULFITE | NAS 0183 | |
| | | | | STANNOUS CHLORIDE | NAS 0213 | |
| 08 | PROCSD FRUT(R) | 03 | COLOR | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROTENE | NAS 0063 | FEMA 3546 |
| | | | | COPPER GLUCONATE | NAS 0069 | |
| | | | | L-CYSTEINE | NAS 0071 | FEMA 3285 |
| | | | | BROWN SUGAR | NAS 0369 | |
| 08 | PROCSD FRUT(R) | 04 | CURING | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| 08 | PROCSD FRUT(R) | 07 | EMULSIFIER | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| 08 | PROCSD FRUT(R) | 08 | ENZYME | PECTINASE | NAS 0392 | |
| 08 | PROCSD FRUT(R) | 09 | FIRMN AGNT | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CALCIUM LACTATE | NAS 0045 | FEMA 3535 |
| 08 | PROCSD FRUT(R) | 10 | FLAV ENHNC | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 08 | PROCSD FRUT(R) | 10 | FLAV ENHNC | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| | | | | BRANDY | NAS 0257 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | SUCROSE | NAS 0328 | |
| 08 | PROCSD FRUT(R) | 11 | FLAV AGNT | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | ALLSPICE | | FEMA 2017 |
| | | | | ALMOND OIL, BITTER, FFPA | | FEMA 2046 |
| | | | | BAY, SWEET | | FEMA 2124 |
| | | | | CARDAMOM | | FEMA 2240 |
| | | | | CASSIA BARK, OIL | | FEMA 2258 |
| | | | | CHERRY BARK, WILD, EXT | | FEMA 2276 |
| | | | | CINNAMON | | FEMA 2289 |
| | | | | CLOVES | | FEMA 2327 |
| | | | | GINGER | | FEMA 2520 |
| | | | | GINGER, OLEORESIN | | FEMA 2523 |
| | | | | PEPPERMINT, OIL | | FEMA 2848 |
| | | | | SPEARMINT, OIL | | FEMA 3032 |
| | | | | VANILLA EXTRACT | NAS 0482 | FEMA 3105 |
| | | | | BENZALDEHYDE | NAS 0367 | FEMA 2127 |
| | | | | ETHYL ACETATE | NAS 0449 | FEMA 2414 |
| | | | | BROWN SUGAR | NAS 0369 | |
| | | | | DEXTROSE SYRUP | NAS 0557 | |
| | | | | INVERT SUGAR | NAS 0429 | |
| | | | | INVERT SUGAR SYRUP | NAS 0430 | FEMA 3687 |
| | | | | SUCROSE LIQUID | NAS 0480 | |
| 08 | PROCSD FRUT(R) | 13 | FORMUL AID | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 08 | PROCSD FRUT(R) | 18 | NNTR SWEET | CALCIUM SACCHARIN | NAS 0054 | FEMA 3528 |
| | | | | SACCHARIN | NAS 0171 | FEMA 3672 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| | | | | CORN SYRUP | NAS 0270 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 08 | PROCSD FRUT(R) | 19 | NUTR SUPPL | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | CAROTENE | NAS 0063 | FEMA 3548 |
| | | | | POTASSIUM CHLORIDE | NAS 0151 | |
| | | | | POTASSIUM CITRATE | NAS 0152 | |
| | | | | POTASSIUM IODIDE | NAS 0155 | |
| | | | | RIBOFLAVIN | NAS 0169 | |
| | | | | SODIUM ASCORBATE | NAS 0180 | FEMA 3525 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM GLUCONATE | NAS 0191 | |
| | | | | SODIUM PHOSPHATE MONO | NAS 0198 | FEMA 3534 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3460 |
| | | | | THIAMINE MONONITRATE | NAS 0222 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | POTASSIUM PHOSPHATE, MONO | NAS 0304 | |
| | | | | SUCROSE | NAS 0328 | |
| 08 | PROCSD FRUT(R) | 20 | PH CONTROL | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM HYDROXIDE | NAS 0044 | |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | POTASSIUM CITRATE | NAS 0152 | |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CARBONATE | NAS 0185 | |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | GLUCONO-DELTA LACTONE | NAS 0278 | |
| 08 | PROCSD FRUT(R) | 21 | PRESERVATV | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | PROPYLPARABEN | NAS 0166 | FEMA 2951 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SODIUM BISULFITE | NAS 0183 | |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM SULFITE | NAS 0206 | |
| | | | | STANNOUS CHLORIDE | NAS 0213 | |
| | | | | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| 08 | PROCSD FRUT(R) | 22 | PROCES AID | AMMONIUM SULFATE | NAS 0019 | |
| | | | | HYDROCHLORIC ACID | NAS 0097 | |
| | | | | ENZYMES, BACTERIAL | NAS 0273 | |
| | | | | GELATIN | NAS 0350 | |
| 08 | PROCSD FRUT(R) | 23 | PROPL AERT | NITROGEN | NAS 0138 | |
| 08 | PROCSD FRUT(R) | 24 | SEQUESTRNT | CITRIC ACID | NAS 0068 | FEMA 2306 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 08 | PROCSD FRUT(R) | 24 | SEQUESTRNT | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| | | | | CALCIUM DISODIUM EDTA | NAS 0532 | FEMA 3510 |
| 08 | PROCSD FRUT(R) | 25 | SOLV VEHIC | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| 08 | PROCSD FRUT(R) | 26 | STBLZ THKR | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | AGAR-AGAR | NAS 0004 | FEMA 2012 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | PECTIN | NAS 0335 | |
| 08 | PROCSD FRUT(R) | 27 | SURFACTANT | DEXTROSE | NAS 0271 | |
| | | | | METHYLPOLYSILICONE | NAS 0292 | |
| 08 | PROCSD FRUT(R) | 28 | SURF FINSH | AMMONIUM HYDROXIDE | NAS 0015 | |
| | | | | BEESWAX | NAS 0026 | |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CARNAUBA WAX | NAS 0061 | FEMA 3514 |
| | | | | CAROTENE | NAS 0063 | FEMA 3548 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | WAX, SHELLAC | NAS 0332 | |
| 08 | PROCSD FRUT(R) | 40 | NUTR SWEET | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 09 | FRUIT ICES(R) | 01 | ANTICAKNG | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| 09 | FRUIT ICES(R) | 02 | ANTIOXIDNT | ERYTHORBIC ACID | NAS 0078 | FEMA 2410 |
| 09 | FRUIT ICES(R) | 07 | EMULSIFIER | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 09 | FRUIT ICES(R) | 10 | FLAV ENHNC | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | SUCROSE | NAS 0328 | |
| 09 | FRUIT ICES(R) | 11 | FLAV AGNT | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | SUCROSE | NAS 0328 | |
| 09 | FRUIT ICES(R) | 13 | FORMUL AID | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 09 | FRUIT ICES(R) | 19 | NUTR SUPPL | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 09 | FRUIT ICES(R) | 20 | PH CONTROL | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| 09 | FRUIT ICES(R) | 21 | PRESERVATV | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SODIUM HYPOCHLORITE | NAS 0319 | |
| 09 | FRUIT ICES(R) | 26 | STBLZ THKR | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | POTASSIUM CHLORIDE | NAS 0151 | |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | PECTIN | NAS 0335 | |
| 09 | FRUIT ICES(R) | 30 | TEXTURIZER | CORN SYRUP | NAS 0270 | |
| 09 | FRUIT ICES(R) | 40 | NUTR SWEET | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 10 | MEAT PRODS(R) | 01 | ANTICAKNG | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CALCIUM SILICATE | NAS 0055 | |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | MAGNESIUM CARBONATE | NAS 0110 | |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SILICA AEROGEL | NAS 0174 | FEMA 3506 |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| | | | | SODIUM CAL ALUMSIL HYD | NAS 0184 | |
| | | | | CALCIUM STEARATE | NAS 0260 | FEMA 3572 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 10 | MEAT PRODS(R) | 01 | ANTICAKNG | FERROCYANIDE SALTS | NAS 0276 | |
| 10 | MEAT PRODS(R) | 02 | ANTIOXIDNT | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | ERYTHORBIC ACID | NAS 0078 | FEMA 2410 |
| | | | | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| | | | | SODIUM ASCORBATE | NAS 0180 | FEMA 3525 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM TRIPOLYPHOSPHATE | NAS 0210 | FEMA 3553 |
| | | | | SODIUM ERYTHORBATE | NAS 0317 | |
| 10 | MEAT PRODS(R) | 03 | COLOR | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROTENE | NAS 0063 | FEMA 3548 |
| | | | | SODIUM ASCORBATE | NAS 0180 | FEMA 3525 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM TRIPOLYPHOSPHATE | NAS 0210 | FEMA 3553 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SODIUM ERYTHORBATE | NAS 0317 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | MUSTARD, YELLOW | | FEMA 2761 |
| | | | | PAPRIKA | | FEMA 2833 |
| | | | | ANNATTO, EXTRACT | | FEMA 2103 |
| | | | | BROWN SUGAR | NAS 0369 | |
| | | | | SODIUM NITRATE | NAS 0342 | FEMA 3551 |
| | | | | SODIUM NITRITE | NAS 0343 | FEMA 3552 |
| 10 | MEAT PRODS(R) | 04 | CURING | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | ERYTHORBIC ACID | NAS 0078 | FEMA 2410 |
| | | | | SODIUM ASCORBATE | NAS 0180 | FEMA 3525 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CARBONATE | NAS 0185 | |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM TRIPOLYPHOSPHATE | NAS 0210 | FEMA 3553 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | GLUCONO-DELTA LACTONE | NAS 0278 | |
| | | | | SODIUM ERYTHORBATE | NAS 0317 | |
| | | | | SUCROSE | NAS 0328 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 10 | MEAT PRODS(R) | 04 | CURING | CORN SYRUP SOLIDS | NAS 0375 | |
| | | | | SODIUM NITRATE | NAS 0342 | FEMA 3551 |
| | | | | SODIUM NITRITE | NAS 0343 | FEMA 3552 |
| 10 | MEAT PRODS(R) | 07 | EMULSIFIER | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | POLYSORBATE 20 | | FEMA 2915 |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| 10 | MEAT PRODS(R) | 08 | ENZYME | PAPAIN | NAS 0142 | |
| | | | | BROMELAIN | NAS 0368 | |
| | | | | FICIN | NAS 0381 | |
| | | | | PROTEASE, BACTERIAL | NAS 0451 | |
| 10 | MEAT PRODS(R) | 09 | FIRMN AGNT | PROTEIN, ANIMAL, HYDROLYZ | NAS 0310 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| 10 | MEAT PRODS(R) | 10 | FLAV ENHNC | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM TRIPOLYPHOSPHATE | NAS 0210 | FEMA 3553 |
| | | | | BRANDY | NAS 0257 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |
| | | | | PROTEIN HYDROLYZATE | NAS 0398 | |
| 10 | MEAT PRODS(R) | 11 | FLAV AGNT | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | DL-ALANINE | NAS 0005 | FEMA 3251 |
| | | | | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CAPRYLIC ACID | NAS 0058 | FEMA 2799 |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2648 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FCCU CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 10 | MEAT PRODS(R) | 11 | FLAV AGNT | L-CYSTEINE | NAS 0071 | FEMA 3285 |
| | | | | DL-CYSTINE | NAS 0072 | FEMA 3286 |
| | | | | ERYTHORBIC ACID | NAS 0078 | FEMA 2410 |
| | | | | ETHYL FORMATE | NAS 0079 | FEMA 2434 |
| | | | | GLUTAMIC ACID | NAS 0087 | FEMA 3307 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | DL-ISOLEUCINE | NAS 0101 | FEMA 3330 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | DL-LEUCINE | NAS 0105 | FEMA 3329 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | METHYLCELLULOSE | NAS 0127 | FEMA 2696 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | DL-PHENYLALANINE | NAS 0143 | FEMA 3372 |
| | | | | DL-PROLINE | NAS 0161 | FEMA 3377 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| | | | | SODIUM ACETATE | NAS 0175 | FEMA 3024 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM DIACETATE | NAS 0190 | FEMA 3512 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | STERCULIA GUM | NAS 0215 | FEMA 2605 |
| | | | | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | TANNIC ACID | NAS 0330 | FEMA 3042 |
| | | | | YEASTS | NAS 0333 | |
| | | | | ALFALFA, EXTRACT | | FEMA 2013 |
| | | | | ALLSPICE | | FEMA 2017 |
| | | | | ALLSPICE, OIL | | FEMA 2018 |
| | | | | ALLSPICE, OLEORESIN | | FEMA 2019 |
| | | | | ANISE | | FEMA 2093 |
| | | | | ANISE, OIL | | FEMA 2094 |
| | | | | ANISE, STAR | | FEMA 2095 |
| | | | | ANISE, STAR, OIL | | FEMA 2096 |
| | | | | ASAFETIDA, FLUID EXTRACT | | FEMA 2106 |
| | | | | ASAFETIDA, GUM | | FEMA 2107 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 10 | MEAT PRODS(R) | 11 | FLAV AGNT | ASAFETIDA, OIL | | FEMA 2108 |
| | | | | BASIL | | FEMA 2118 |
| | | | | BASIL, OIL | | FEMA 2119 |
| | | | | BASIL, OLEORESIN | | FEMA 2120 |
| | | | | BAY LEAVES, W IND, EXT | | FEMA 2121 |
| | | | | BAY LEAVES, W IND, OIL | | FEMA 2122 |
| | | | | BAY LEAVES, W IND, RESIN | | FEMA 2123 |
| | | | | BAY, SWEET | | FEMA 2124 |
| | | | | BAY, SWEET, OIL | | FEMA 2125 |
| | | | | BERGAMOT, OIL | | FEMA 2153 |
| | | | | CAPSICUM, EXTRACT | | FEMA 2233 |
| | | | | CAPSICUM, OLEORESIN | | FEMA 2234 |
| | | | | CARAWAY | NAS 0421 | FEMA 2236 |
| | | | | CARAWAY, BLACK | | FEMA 2237 |
| | | | | CARAWAY, OIL | | FEMA 2238 |
| | | | | CARDAMOM | | FEMA 2240 |
| | | | | CARDAMOM SEED, OIL | | FEMA 2241 |
| | | | | CARROT, OIL | | FEMA 2244 |
| | | | | CASSIA | | FEMA 2256 |
| | | | | CASSIA BARK, EXTRACT | | FEMA 2257 |
| | | | | CASSIA BARK, OIL | | FEMA 2258 |
| | | | | CASTOREUM, EXTRACT | | FEMA 2261 |
| | | | | CAYENNE | | FEMA 2266 |
| | | | | CELERY SEED | | FEMA 2268 |
| | | | | CELERY SEED, EXTRACT | | FEMA 2269 |
| | | | | CELERY SEED, EXT SOLID | | FEMA 2270 |
| | | | | CELERY SEED, OIL | | FEMA 2271 |
| | | | | CHAMOMILE FLOWER OIL, ENG | | FEMA 2272 |
| | | | | CHERVIL | | FEMA 2279 |
| | | | | CINNAMON | | FEMA 2289 |
| | | | | CINNAMON BARK, EXT | | FEMA 2290 |
| | | | | CINNAMON BARK, OIL | | FEMA 2291 |
| | | | | CINNAMON LEAF, OIL | | FEMA 2292 |
| | | | | CLOVE BUD, EXTRACT | | FEMA 2322 |
| | | | | CLOVE BUD, OIL | | FEMA 2323 |
| | | | | CLOVE BUD, OLEORESIN | | FEMA 2324 |
| | | | | CLOVE LEAF, OIL | | FEMA 2325 |
| | | | | CLOVES | | FEMA 2327 |
| | | | | CLOVE STEM, OIL | | FEMA 2328 |
| | | | | CORIANDER | | FEMA 2333 |
| | | | | CORIANDER, OIL | | FEMA 2334 |
| | | | | CUMIN | | FEMA 2340 |
| | | | | CUMIN, BLACK | | FEMA 2342 |
| | | | | CUMIN, OIL | | FEMA 2343 |
| | | | | DILL | | FEMA 2382 |
| | | | | DILL, OIL | | FEMA 2383 |
| | | | | ESTRAGON, OIL | | FEMA 2412 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 10 | MEAT PRODS(R) | 11 | FLAV AGNT | FENNEL, COMMON | | FEMA 2481 |
| | | | | FENNEL, SWEET | | FEMA 2482 |
| | | | | FENNEL, SWEET, OIL | | FEMA 2483 |
| | | | | FENUGREEK | | FEMA 2484 |
| | | | | FENUGREEK, EXTRACT | | FEMA 2485 |
| | | | | FENUGREEK, OLEORESIN | | FEMA 2486 |
| | | | | GARLIC, OIL | | FEMA 2503 |
| | | | | GINGER | | FEMA 2520 |
| | | | | GINGER, EXTRACT | | FEMA 2521 |
| | | | | GINGER, OIL | | FEMA 2522 |
| | | | | GINGER, OLEORESIN | | FEMA 2523 |
| | | | | JUNIPER, EXTRACT | | FEMA 2603 |
| | | | | JUNIPER, OIL | | FEMA 2604 |
| | | | | LAUREL LEAVES, EXTRCT | | FEMA 2613 |
| | | | | LEMON-GRASS, OIL | | FEMA 2624 |
| | | | | LEMON, OIL | | FEMA 2625 |
| | | | | LEMON OIL, TERP/LESS | | FEMA 2626 |
| | | | | LICORICE, EXTRACT | | FEMA 2628 |
| | | | | LICORICE, EXT POWDER | | FEMA 2629 |
| | | | | LICORICE ROOT | NAS 0564 | FEMA 2630 |
| | | | | LIME, OIL | | FEMA 2631 |
| | | | | LIME OIL, TERPENELESS | | FEMA 2632 |
| | | | | MACE | | FEMA 2652 |
| | | | | MACE, OIL | | FEMA 2653 |
| | | | | MACE, OLEORESIN | | FEMA 2654 |
| | | | | MARJORAM, OLEORESIN | | FEMA 2659 |
| | | | | MARJORAM SEED | | FEMA 2661 |
| | | | | MARJORAM, SWEET | | FEMA 2662 |
| | | | | MARJORAM, SWEET, OIL | | FEMA 2663 |
| | | | | MUSTARD, BROWN | | FEMA 2760 |
| | | | | MUSTARD, YELLOW | | FEMA 2761 |
| | | | | NUTMEG | NAS 0431 | FEMA 2792 |
| | | | | NUTMEG, OIL | | FEMA 2793 |
| | | | | ONION, OIL | | FEMA 2817 |
| | | | | ORANGE OIL | NAS 0493 | FEMA 2821 |
| | | | | ORANGE, OIL, TERPENELESS | | FEMA 2822 |
| | | | | ORANGE PEEL, BITTER, OIL | | FEMA 2823 |
| | | | | ORANGE PEEL, SWEET, OIL | | FEMA 2825 |
| | | | | ORNGPL OIL SWEET TERP/LES | | FEMA 2826 |
| | | | | OREGANO | | FEMA 2827 |
| | | | | ORIGANUM, OIL | | FEMA 2828 |
| | | | | PAPRIKA | | FEMA 2833 |
| | | | | PAPRIKA, OLEORESIN | | FEMA 2834 |
| | | | | PARSLEY | | FEMA 2835 |
| | | | | PARSLEY, OIL | | FEMA 2836 |
| | | | | PARSLEY, OLEORESIN | | FEMA 2837 |
| | | | | PEPPER, BLACK | | FEMA 2844 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 10 | MEAT PRODS(R) | 11 | FLAV AGNT | PEPPER, BLACK, OIL | | FEMA 2845 |
| | | | | PEPPER, BLACK, OLEORES | | FEMA 2846 |
| | | | | PEPPERMINT, OIL | | FEMA 2848 |
| | | | | PEPPER, RED | | FEMA 2849 |
| | | | | PEPPER, WHITE | | FEMA 2850 |
| | | | | PEPPER, WHITE, OIL | | FEMA 2851 |
| | | | | PEPPER, WHITE, OLEORES | | FEMA 2852 |
| | | | | PIMENTA LEAF, OIL | | FEMA 2901 |
| | | | | ROSEMARY | | FEMA 2991 |
| | | | | ROSEMARY, OIL | | FEMA 2992 |
| | | | | SAFFRON | | FEMA 2998 |
| | | | | SAGE | | FEMA 3000 |
| | | | | SAGE, OIL | | FEMA 3001 |
| | | | | SAGE, OLEORESIN | | FEMA 3002 |
| | | | | SAGE, SPANISH, OIL | | FEMA 3003 |
| | | | | SAVORY, SUMMER | | FEMA 3012 |
| | | | | SAVORY, SUMMER, OIL | | FEMA 3013 |
| | | | | SAVORY, SUMMER, OLEORE | | FEMA 3014 |
| | | | | SAVORY, WINTER, OIL | | FEMA 3016 |
| | | | | SAVORY, WINTER, OLEORE | | FEMA 3017 |
| | | | | SCHINUS MOLLE, OIL | | FEMA 3018 |
| | | | | SPEARMINT | | FEMA 3030 |
| | | | | TARRAGON | | FEMA 3043 |
| | | | | THYME | | FEMA 3063 |
| | | | | THYME, OIL | | FEMA 3064 |
| | | | | THYME, WHITE, OIL | | FEMA 3065 |
| | | | | TURMERIC | | FEMA 3085 |
| | | | | TURMERIC, EXTRACT | | FEMA 3086 |
| | | | | TURMERIC, OLEORESIN | | FEMA 3087 |
| | | | | HICKORY, SMOKE, DIST | | FEMA 3320 |
| | | | | LUPULIN | | FEMA 3332 |
| | | | | MALT, EXTRACT | | FEMA 3334 |
| | | | | ACETALDEHYDE | NAS 0448 | FEMA 2003 |
| | | | | ACETOIN | NAS 0363 | FEMA 2008 |
| | | | | ANETHOLE | | FEMA 2086 |
| | | | | N-BUTYRIC ACID | NAS 0337 | FEMA 2221 |
| | | | | CARVONE | | FEMA 2249 |
| | | | | CINNAMALDEHYDE | | FEMA 2286 |
| | | | | CITRAL | | FEMA 2303 |
| | | | | DIACETYL | | FEMA 2370 |
| | | | | ETHYL ACETATE | NAS 0449 | FEMA 2414 |
| | | | | ETHYL BUTYRATE | | FEMA 2427 |
| | | | | ETHYL VANILLIN | | FEMA 2464 |
| | | | | EUGENOL | | FEMA 2467 |
| | | | | GERANIOL | | FEMA 2507 |
| | | | | GERANYL ACETATE | | FEMA 2509 |
| | | | | /D/-LIMONENE | | FEMA 2633 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 10 | MEAT PRODS(R) | 11 | FLAV AGNT | LINALOOL | FEMA 2635 |
| | | | | LINALYL ACETATE | FEMA 2636 |
| | | | | PIPERONAL | FEMA 2911 |
| | | | | BUCHU LEAVES, OIL | FEMA 2169 |
| | | | | CAJEPUT, OIL | FEMA 2225 |
| | | | | CASTOR, OIL | FEMA 2263 |
| | | | | CEDAR LEAF, OIL | FEMA 2267 |
| | | | | CUBEBS, OIL | FEMA 2339 |
| | | | | DILL SEED, INDIAN | FEMA 2384 |
| | | | | ELEMI, OIL | FEMA 2408 |
| | | | | EUCALYPTUS, OIL | FEMA 2466 |
| | | | | GALBANUM, OIL | FEMA 2501 |
| | | | | GALBANUM, RESIN | FEMA 2502 |
| | | | | GUAIAC WOOD, OIL | FEMA 2534 |
| | | | | LABDANUM, OIL | FEMA 2609 |
| | | | | LOVAGE, EXTRACT | FEMA 2650 |
| | | | | LOVAGE, OIL | FEMA 2651 |
| | | | | MYRRH, OIL | FEMA 2766 |
| | | | | OAK MOSS, ABSOLUTE | FEMA 2795 |
| | | | | OLIBANUM, OIL | FEMA 2816 |
| | | | | PATCHOULY, OIL | FEMA 2838 |
| | | | | TURPENTINE, STEAM DIS | FEMA 3089 |
| | | | | VALERIAN ROOT, OIL | FEMA 3100 |
| | | | | AMYRIS | FEMA 3254 |
| | | | | COPAIBA | FEMA 3280 |
| | | | | TANSY | FEMA 3396 |
| | | | | ACETANISOLE | FEMA 2005 |
| | | | | DIALLYL DISULFIDE | FEMA 2028 |
| | | | | ALLYL HEXANOATE | FEMA 2032 |
| | | | | ALLYL ISOTHIOCYANATE | FEMA 2034 |
| | | | | ALLYL MERCAPTAN | FEMA 2035 |
| | | | | ALLYL NONANOATE | FEMA 2036 |
| | | | | DIALLYL SULFIDE | FEMA 2042 |
| | | | | AMMONIUM SULFIDE | FEMA 2053 |
| | | | | AMMONIUM ISOVALERATE | FEMA 2054 |
| | | | | ANISYL ACETATE | FEMA 2098 |
| | | | | BENZYL ALCOHOL | FEMA 2137 |
| | | | | BENZYL BENZOATE | FEMA 2138 |
| | | | | BENZYL FORMATE | FEMA 2145 |
| | | | | BENZYL ISOVALERATE | FEMA 2152 |
| | | | | BOIS DE ROSE, OIL | FEMA 2156 |
| | | | | BUTYL BUTYRYLLACTATE | FEMA 2190 |
| | | | | BUTYL 2-DECENOATE | FEMA 2194 |
| | | | | BUTYRALDEHYDE | FEMA 2219 |
| | | | | ISOBUTYRALDEHYDE | FEMA 2220 |
| | | | | 4-CARVOMENTHENOL | FEMA 2248 |
| | | | | BG-CARYOPHYLLENE | FEMA 2252 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 10 | MEAT PRODS(R) | 11 | FLAV AGNT | CINNAMYL ACETATE | FEMA 2293 |
| | | | | CINNAMYL BUTYRATE | FEMA 2296 |
| | | | | CINNAMYL ISOBUTYRATE | FEMA 2297 |
| | | | | CINNAMYL CINNAMATE | FEMA 2298 |
| | | | | P@-CRESOL | FEMA 2337 |
| | | | | P@-CYMENE | FEMA 2356 |
| | | | | DIBENZYL ETHER | FEMA 2371 |
| | | | | DIHYDROCARVEOL | FEMA 2379 |
| | | | | M@-DIMETHOXYBENZENE | FEMA 2385 |
| | | | | D&-DODECALACTONE | FEMA 2401 |
| | | | | ESTRAGOLE | FEMA 2411 |
| | | | | P@-ETHOXYBENZALDEHYDE | FEMA 2413 |
| | | | | ETHYL ACETOACETATE | FEMA 2415 |
| | | | | ETHYL ACRYLATE | FEMA 2418 |
| | | | | ETHYL ISOBUTYRATE | FEMA 2428 |
| | | | | ETHYL CINNAMATE | FEMA 2430 |
| | | | | 4-ETHYLGUAIACOL | FEMA 2436 |
| | | | | ETHYL HEXANOATE | FEMA 2439 |
| | | | | ETHYL LACTATE | FEMA 2440 |
| | | | | ETHYL OCTANOATE | FEMA 2449 |
| | | | | ETHYL PROPIONATE | FEMA 2456 |
| | | | | ETHYL ISOVALERATE | FEMA 2463 |
| | | | | EUCALYPTOL | FEMA 2465 |
| | | | | ISOEUGENOL | FEMA 2468 |
| | | | | EUGENYL ACETATE | FEMA 2469 |
| | | | | ISOAMYL FUSEL OIL | FEMA 2497 |
| | | | | GERANYL BUTYRATE | FEMA 2512 |
| | | | | GUAIACOL | FEMA 2532 |
| | | | | HEPTANAL | FEMA 2540 |
| | | | | 2-HEPTANONE | FEMA 2544 |
| | | | | 3-HEPTANONE | FEMA 2545 |
| | | | | HEPTYL ALCOHOL | FEMA 2548 |
| | | | | HEXANAL | FEMA 2557 |
| | | | | HEXANOIC ACID | FEMA 2559 |
| | | | | 2-HEXENAL | FEMA 2560 |
| | | | | 3-HEXENOL-1 | FEMA 2563 |
| | | | | HEXYL ACETATE | FEMA 2565 |
| | | | | HEXYL ALCOHOL | FEMA 2567 |
| | | | | INDOLE | FEMA 2593 |
| | | | | LAURIC ALDEHYDE | FEMA 2615 |
| | | | | LAURYL ALCOHOL | FEMA 2617 |
| | | | | LEVULINIC ACID | FEMA 2627 |
| | | | | MALTOL | FEMA 2656 |
| | | | | 2-METHOXY-4-METHYLPHENOL | FEMA 2671 |
| | | | | 2-METHOXY-4-VINYLPHENOL | FEMA 2675 |
| | | | | O@-METHYLANISOLE | FEMA 2680 |
| | | | | P@-METHYLANISOLE | FEMA 2681 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 10 | MEAT PRODS(R) | 11 | FLAV AGNT | 3-METHYLBUTYRALDEHYDE | | FEMA 2692 |
| | | | | METHYL BUTYRATE | | FEMA 2693 |
| | | | | A&-METHYLCINNAMALDEHYDE | | FEMA 2697 |
| | | | | METHYLCYCLOPENTENOLONE | | FEMA 2700 |
| | | | | METHYL MERCAPTAN | | FEMA 2716 |
| | | | | METHYL 2-METHYLBUTYRATE | | FEMA 2719 |
| | | | | METHYL 3-METHYLTHIOPROPIO | | FEMA 2720 |
| | | | | METHYL 2-OCTYNOATE | | FEMA 2729 |
| | | | | 4-METHYL-2-PENTANONE | | FEMA 2731 |
| | | | | DIMETHYL SULFIDE | | FEMA 2746 |
| | | | | 2-METHYLTHIOPROPIONALDEHY | | FEMA 2747 |
| | | | | MYRCENE | | FEMA 2762 |
| | | | | NONANOIC ACID | | FEMA 2784 |
| | | | | N-/4-HYDROXY-3-METHOXYBEN | | FEMA 2787 |
| | | | | OCTANAL | | FEMA 2797 |
| | | | | 1-OCTANOL | | FEMA 2800 |
| | | | | 1-OCTENOL-3 | | FEMA 2805 |
| | | | | 2,3-PENTANEDIONE | | FEMA 2841 |
| | | | | A&-PHELLANDRENE | | FEMA 2856 |
| | | | | PHENYLACETALDEHYDE DIMETH | | FEMA 2876 |
| | | | | PHENYLACETIC ACID | | FEMA 2876 |
| | | | | 3-PHENYLPROPIONALDEHYDE | | FEMA 2887 |
| | | | | 2-PHENYLPROPIONALD DIMET | | FEMA 2888 |
| | | | | A&-PINENE | | FEMA 2902 |
| | | | | NOPINENE | | FEMA 2903 |
| | | | | PIPERIDINE | | FEMA 2908 |
| | | | | PIPERINE | | FEMA 2909 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | P@-PROPYL ANISOLE | | FEMA 2930 |
| | | | | PYRIDINE | | FEMA 2966 |
| | | | | PYROLIGNEOUS ACID, EXT | | FEMA 2968 |
| | | | | PYRUVIC ACID | | FEMA 2970 |
| | | | | ETHYL OXYHYDRATE | NAS 0379 | FEMA 2996 |
| | | | | A&-TERPINEOL | | FEMA 3045 |
| | | | | TERPINYL ACETATE | | FEMA 3047 |
| | | | | TETRAHYDROLINALOOL | | FEMA 3060 |
| | | | | G&-UNDECALACTONE | | FEMA 3091 |
| | | | | UNDECANAL | | FEMA 3092 |
| | | | | VALERALDEHYDE | | FEMA 3098 |
| | | | | ISOVALERIC ACID | | FEMA 3102 |
| | | | | VERATRALDEHYDE | | FEMA 3109 |
| | | | | ZINGERONE | | FEMA 3124 |
| | | | | PROPYL DISULFIDE | | FEMA 3228 |
| | | | | STYRENE | | FEMA 3233 |
| | | | | BEECHWOOD CREOSOTE | | FEMA 3259 |
| | | | | THIOPHENOL | | FEMA 3260 |
| | | | | BENZYL DISULFIDE | | FEMA 3261 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FCCC CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 10 | MEAT PRCDS(R) | 11 | FLAV AGNT | CADINENE | | FEMA 3263 |
| | | | | CARYOPHYLL ALC ACETATE | | FEMA 3266 |
| | | | | BE-CARYOPHYLLENE ALCOHOL | | FEMA 3267 |
| | | | | CARYOPHYLIENE ALCOHOL | | FEMA 3268 |
| | | | | B-CARYOPHYLL ALC AC | | FEMA 3269 |
| | | | | CEDARWOOD OILS, ALC/TERP | | FEMA 3270 |
| | | | | CEDRYL ACETATE | | FEMA 3271 |
| | | | | 1,4-CINEOLE | | FEMA 3275 |
| | | | | CINNAMYL BENZOATE | | FEMA 3276 |
| | | | | ETHYL MALTOL | | FEMA 3298 |
| | | | | GUAIOL ACETATE | | FEMA 3313 |
| | | | | PERILLALDEHYDE | | FEMA 3340 |
| | | | | ALPHA-TEPINENE | | FEMA 3341 |
| | | | | GAMMA-TERPINENE | | FEMA 3342 |
| | | | | METHOXYBENZALDEHYDE | | FEMA 3345 |
| | | | | METHYL DISULFIDE | | FEMA 3350 |
| | | | | 4-ME-5-PRO-2-CYCHEXENONE | | FEMA 3354 |
| | | | | 1-OCTEN-3-YL ACETATE | | FEMA 3362 |
| | | | | 3-OCTYL ACETATE | | FEMA 3363 |
| | | | | PERILLYL ACETATE | | FEMA 3370 |
| | | | | PROPYL THIOL | | FEMA 3380 |
| | | | | B-TERPINEOL | | FEMA 3399 |
| | | | | ALLYL HEPTANOATE | | FEMA 2031 |
| | | | | ANNATTO, EXTRACT | | FEMA 2103 |
| | | | | BIRCH, SWEET, OIL | | FEMA 2154 |
| | | | | BROMINATED VEG OILS | | FEMA 2168 |
| | | | | CARMINE | | FEMA 2242 |
| | | | | COCHINEAL | | FEMA 2330 |
| | | | | DECANOIC ACID | | FEMA 2364 |
| | | | | FUMARIC ACID | NAS 0382 | FEMA 2488 |
| | | | | FURFURAL | | FEMA 2489 |
| | | | | FURFURYL MERCAPTAN | | FEMA 2493 |
| | | | | FURYL ACROLEIN | | FEMA 2494 |
| | | | | 5-METHYLFURFURAL | | FEMA 2702 |
| | | | | METHYL 2-FUROATE | | FEMA 2703 |
| | | | | MYRISTIC ACID | | FEMA 2764 |
| | | | | OLEIC ACID | | FEMA 2815 |
| | | | | PALMITIC ACID | | FEMA 2832 |
| | | | | PYROLIGNEOUS ACID | | FEMA 2967 |
| | | | | GE-VALEROLACTONE | | FEMA 3103 |
| | | | | VANILLIN | NAS 0336 | FEMA 3107 |
| | | | | ACETYLPYRAZINE | | FEMA 3126 |
| | | | | ALLYL METHYL DISULFIDE | | FEMA 3127 |
| | | | | BUTYLAMINE | | FEMA 3130 |
| | | | | 2-ISOBUTYL-3-METHOXYPYRAZ | | FEMA 3132 |
| | | | | 2-ISOBUTYL-3-METHYLPYRAZI | | FEMA 3133 |
| | | | | 2-ISOBUTYLTHIAZOLE | | FEMA 3134 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 10 | MEAT PRODS(R) | 11 | FLAV AGNT | 2T,4T-DECADIENAL | FEMA 3135 |
| | | | | 2,3-DIETHYLPYRAZINE | FEMA 3136 |
| | | | | 2,6-DIMETHOXYPHENOL | FEMA 3137 |
| | | | | 2,4-DIMETHYL-5-VINYLTHIAZ | FEMA 3145 |
| | | | | 2-FURFURYL DISULFIDE | FEMA 3146 |
| | | | | 1-ETHYL-2-ACETYLPYRROLE | FEMA 3147 |
| | | | | 2-ETHYL-3,5-DIMETHYLPYRAZ | FEMA 3149 |
| | | | | 3-ETHYL-2,6-DIMETHYLPYRAZ | FEMA 3150 |
| | | | | 5-ET-3-HO-4-ME-2/5H/-FURA | FEMA 3153 |
| | | | | 2-ETHYL-5-METHYLPYRAZINE | FEMA 3154 |
| | | | | 3-ETHYL-2-METHYLPYRAZINE | FEMA 3155 |
| | | | | P@-ETHYLPHENOL | FEMA 3156 |
| | | | | 2-FURANMETHANETHIOL FORMA | FEMA 3158 |
| | | | | FURFURYL METHYL ETHER | FEMA 3159 |
| | | | | FURFURYL METHYL SULFIDE | FEMA 3160 |
| | | | | FURFURYL ISOPROPYL SULFID | FEMA 3161 |
| | | | | FURFURYL THIOACETATE | FEMA 3162 |
| | | | | 2-FURYL METHYL KETONE | FEMA 3163 |
| | | | | 2,4-HEPTADIENAL -TR,TR | FEMA 3164 |
| | | | | 2-HEPTENAL | FEMA 3165 |
| | | | | 3,4-HEXANEDIONE | FEMA 3168 |
| | | | | 1-HYDROXY-2-BUTANONE | FEMA 3173 |
| | | | | P@-MENTHAN-2-ONE | FEMA 3176 |
| | | | | P@-MENTH-1-ENE-9-AL | FEMA 3178 |
| | | | | 2-MERCAPTOPROPIONIC ACID | FEMA 3180 |
| | | | | 2-METHOXY-X-METHYLPYRAZIN | FEMA 3183 |
| | | | | 1-METHYL-2-ACETYLPYRROLE | FEMA 3184 |
| | | | | 4-METHYLBIPHENYL | FEMA 3186 |
| | | | | 2-METHYL-3-FURANTHIOL | FEMA 3188 |
| | | | | ME-X-FURFURYL-THIOPYRAZIN | FEMA 3189 |
| | | | | 2-METHYL-5-METHOXYTHIAZOL | FEMA 3192 |
| | | | | 1-METHYLNAPHTHALENE | FEMA 3193 |
| | | | | 2T-METHYL-2-PENTENAL | FEMA 3194 |
| | | | | METHYL PHENETHYL ETHER | FEMA 3198 |
| | | | | METHYL PROPYL DISULFIDE | FEMA 3201 |
| | | | | METHYL 2-PYRROLYL KETONE | FEMA 3202 |
| | | | | 5-METHYLQUINOXALINE | FEMA 3203 |
| | | | | 4-METHYL-5-THIAZOLEETHANO | FEMA 3204 |
| | | | | 4-ME-5-THIAZOLE-ET*OL- AC | FEMA 3205 |
| | | | | 1-/METHYLTHIO/-2-BUTANONE | FEMA 3207 |
| | | | | /METHYLTHIO/METHYLPYRAZIN | FEMA 3208 |
| | | | | O@-/METHYLTHIO/-PHENOL | FEMA 3210 |
| | | | | 2,4-NONADIENAL | FEMA 3212 |
| | | | | 2-NONENAL | FEMA 3213 |
| | | | | 2-OCTENAL | FEMA 3215 |
| | | | | ISOPENTYLAMINE | FEMA 3219 |
| | | | | PHENETHYLAMINE | FEMA 3220 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 10 | MEAT PRODS(R) | 11 | FLAV AGNT | PHENOL | | FEMA 3223 |
| | | | | PHENYL DISULFIDE | | FEMA 3225 |
| | | | | 1-PHENYL-1,2-PROPANEDIONE | | FEMA 3226 |
| | | | | PROPENYL PROPYL DISULFIDE | | FEMA 3227 |
| | | | | PYRAZINE ETHANETHIOL | | FEMA 3230 |
| | | | | PYRAZINYL METHYL SULFIDE | | FEMA 3231 |
| | | | | 2-PYRADINEMETHANETHIOL | | FEMA 3232 |
| | | | | TETRAMETHYLPYRAZINE | | FEMA 3237 |
| | | | | 2,2-THIODIMETHYLENE-DIFUR | | FEMA 3238 |
| | | | | Oω-TOLUENETHIOL | | FEMA 3240 |
| | | | | TRIMETHYLAMINE | | FEMA 3241 |
| | | | | Pω-CYMENOL-8 | | FEMA 3242 |
| | | | | 2,3,5-TRIMETHYLPYRAZINE | | FEMA 3244 |
| | | | | 10-UNDECENOIC ACID | | FEMA 3247 |
| | | | | 2,6-XYLENOL | | FEMA 3249 |
| | | | | BUTYROLACTONE | | FEMA 3421 |
| | | | | DI-N-PROPYL TRISULFIDE | | FEMA 3430 |
| | | | | FURFURYL PYRROL | | FEMA 3441 |
| | | | | HYDROGEN SULPHIDE | | FEMA 3446 |
| | | | | HYDROQUINON ET ETHR | | FEMA 3447 |
| | | | | 4-HEPTENAL | | FEMA 3490 |
| | | | | DISODIUM GUANYLATE | NAS 0541 | FEMA 3292 |
| | | | | DISODIUM INOSINATE | NAS 0540 | FEMA 3293 |
| | | | | GLYCINE | NAS 0356 | FEMA 3310 |
| | | | | LEEK, OIL | | FEMA 3326 |
| | | | | DL-METHIONINE | NAS 0359 | FEMA 3344 |
| | | | | TEA TREE, OIL | | FEMA 3398 |
| | | | | P-TOLYL OCTANOATE | | FEMA 3401 |
| | | | | 2-UNDECEN-1-OL | | FEMA 3403 |
| | | | | M-CRESOL | | FEMA 3425 |
| | | | | O-CRESOL | | FEMA 3426 |
| | | | | 3,5-DIMET TRITHIOLANE | | FEMA 3428 |
| | | | | DIOXY ACETOPHENONE | | FEMA 3429 |
| | | | | 2,6-NONADIENAL | | FEMA 3465 |
| | | | | 2,5-UNDECADIENAL | | FEMA 3461 |
| | | | | CARYOPHYLLENE OXIDE | | FEMA 3488 |
| | | | | ABIES ALBA | | FEMA 3634 |
| | | | | 2-ACETYL PYRIDINE | | FEMA 3585 |
| | | | | BETA-ALANINE | | FEMA 3574 |
| | | | | ALLYL METHYL TRISULFIDE | | FEMA 3590 |
| | | | | L-ARABINOSE/PECTIN/SUGAR | | FEMA 3575 |
| | | | | BAY LEAF | | FEMA 3531 |
| | | | | BROWN SUGAR | NAS 0369 | |
| | | | | CADE/JUNIPER, OIL | | FEMA 3522 |
| | | | | CARDAMON, OLEORESIN | | FEMA 3501 |
| | | | | CELERY SEED, OLEORESIN | | FEMA 3502 |
| | | | | CHEDDAR CHEESE | NAS 0517 | FEMA 3527 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 10 | MEAT PRODS(R) | 11 | FLAV AGNT | CHILI CAPSICUM | | FEMA 3532 |
| | | | | CHILI SWEET | | FEMA 3533 |
| | | | | GROUND CHILIES | | FEMA 3570 |
| | | | | CHIVES | | FEMA 3578 |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |
| | | | | 4-DECENE-1-AL | | FEMA 3626 |
| | | | | GARLIC, ALLIUM SATIVUM | | FEMA 3508 |
| | | | | GLYCINE HYDROCHLORIDE | | FEMA 3576 |
| | | | | HEPTA-2,4 DIENE-1-OL | | FEMA 3628 |
| | | | | HYDROGEN SULF-PROPIONAL | | FEMA 3560 |
| | | | | LEMON PEEL GRANULES | | FEMA 3573 |
| | | | | METHYL THIOFUROATE | | FEMA 3629 |
| | | | | MUSTARD FLOUR | | FEMA 3577 |
| | | | | NUTMEG, OLEORESIN | | FEMA 3529 |
| | | | | ONION, MINCED, DEHYD | | FEMA 3581 |
| | | | | ONION GRANULES | | FEMA 3580 |
| | | | | ONION, ALLIUM CEPA | | FEMA 3509 |
| | | | | ORANGE PEEL | | FEMA 3526 |
| | | | | PEPPER, RED, OLEORESIN | | FEMA 3530 |
| | | | | PROPYL MERCAPTAN | | FEMA 3568 |
| | | | | ROSEMARY, OLEORESIN | | FEMA 3503 |
| | | | | SOYBEAN FLOUR | NAS 0486 | |
| | | | | THIAMINE | | FEMA 3612 |
| | | | | THIOGUAIOCAL | | FEMA 3613 |
| | | | | THYME, OLEORESIN | | FEMA 3504 |
| | | | | YEAST EXTRACT | NAS 0481 | FEMA 3521 |
| 10 | MEAT PRODS(R) | 13 | FORMUL AID | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | SILICA AEROGEL | NAS 0174 | FEMA 3506 |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM PHOSPHATE MONO | NAS 0198 | FEMA 3534 |
| | | | | SODIUM PHOSPHATE TRI | NAS 0199 | |
| | | | | CELLULOSE | NAS 0265 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SAUSAGE CASINGS | NAS 0313 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | CELLULOSE,MICROCRYSTALINE | | FEMA 3505 |
| | | | | SOYA PROTEIN ISOLATE | NAS 0446 | |
| 10 | MEAT PRODS(R) | 15 | HUMECTANT | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| | | | | SODIUM TRIPOLYPHOSPHATE | NAS 0210 | FEMA 3553 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 10 | MEAT PRODS(R) | 16 | LEAVENING | CALCIUM LACTATE | NAS 0045 | FEMA 3535 |
| | | | | CALCIUM PHOSPHATE MONO | NAS 0049 | |
| | | | | SODIUM ACID PYROPHOS | NAS 0176 | |
| | | | | SODIUM ALUMINUM PHOS | NAS 0179 | FEMA 3657 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | GLUCONO-DELTA LACTONE | NAS 0278 | |
| 10 | MEAT PRODS(R) | 17 | LUBRICANT | LECITHIN | NAS 0104 | FEMA 3519 |
| 10 | MEAT PRODS(R) | 18 | NNTR SWEET | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| 10 | MEAT PRODS(R) | 19 | NUTR SUPPL | CALCIUM PANTOTHENATE | NAS 0047 | |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | FERRIC SODIUM PYROPHOS | NAS 0082 | |
| | | | | FERROUS SULFATE | NAS 0085 | |
| | | | | MANGANESE SULFATE | NAS 0124 | |
| | | | | NIACIN | NAS 0136 | |
| | | | | NIACINAMIDE | NAS 0137 | |
| | | | | POTASSIUM CHLORIDE | NAS 0151 | |
| | | | | PYRIDOXINE HYDROCHLORIDE | NAS 0167 | |
| | | | | RIBOFLAVIN | NAS 0169 | |
| | | | | SODIUM ASCORBATE | NAS 0180 | FEMA 3525 |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | VITAMIN A PALMITATE | NAS 0243 | |
| | | | | VITAMIN D2 | NAS 0245 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| 10 | MEAT PRODS(R) | 20 | PH CONTROL | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | ADIPIC ACID | NAS 0003 | FEMA 2011 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | SODIUM ACID PYROPHOS | NAS 0176 | |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CARBONATE | NAS 0185 | |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM TRIPOLYPHOSPHATE | NAS 0210 | FEMA 3553 |
| | | | | SUCCINIC ACID | NAS 0216 | FEMA 3569 |
| | | | | GLUCONO-DELTA LACTONE | NAS 0278 | |
| 10 | MEAT PRODS(R) | 21 | PRESERVATV | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 10 | MEAT PRODS(R) | 21 | PRESERVATV | SODIUM BISULFITE | NAS 0183 | |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM PROPIONATE | NAS 0201 | FEMA 3513 |
| | | | | SODIUM NITRATE | NAS 0342 | FEMA 3551 |
| | | | | SODIUM NITRITE | NAS 0343 | FEMA 3552 |
| 10 | MEAT PRODS(R) | 22 | PROCES AID | ALUMINUM AMMON SULFATE | NAS 0008 | |
| | | | | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | CARBON DIOXIDE | NAS 0060 | |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | HYDROGEN PEROXIDE | NAS 0096 | |
| | | | | SODIUM CMC | NAS 0186 | |
| 10 | MEAT PRODS(R) | 24 | SEQUESTRNT | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | SODIUM PHOSPHATE TRI | NAS 0199 | |
| 10 | MEAT PRODS(R) | 25 | SOLV VEHIC | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | BENZYL ALCOHOL | | FEMA 2137 |
| | | | | GLYCERYL MONOOLEATE | | FEMA 2526 |
| | | | | BUTYLENE GLYCOL | NAS 0531 | FEMA 3516 |
| 10 | MEAT PRODS(R) | 26 | STBLZ THKR | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | METHYLCELLULOSE | NAS 0127 | FEMA 2696 |
| | | | | SODIUM ACID PYROPHOS | NAS 0176 | |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM TRIPOLYPHOSPHATE | NAS 0210 | FEMA 3553 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |
| | | | | CELLULOSE | NAS 0265 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | GELATIN | NAS 0350 | |
| | | | | RICE GEL | NAS 0474 | |
| | | | | SOYA PROTEIN ISOLATE | NAS 0446 | |
| 10 | MEAT PRODS(R) | 27 | SURFACTANT | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SORBITAN MONOSTEARAT | | FEMA 3392 |
| | | | | SORBITAN MONOOLEATE | | FEMA 3391 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 10 | MEAT PRODS(R) | 29 | SYNERGIST | CITRIC ACID | NAS 0068 | FEMA 2306 |
| 10 | MEAT PRODS(R) | 30 | TEXTURIZER | SODIUM ACID PYROPHOS | NAS 0176 | |
| | | | | SODIUM CHLORIDE | NAS 0168 | FEMA 3537 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM TRIPOLYPHOSPHATE | NAS 0210 | FEMA 3553 |
| | | | | CORN SYRUP | NAS 0270 | |
| 10 | MEAT PRODS(R) | 40 | NUTR SWEET | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 11 | POULTRY(R) | 01 | ANTICAKNG | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CALCIUM SILICATE | NAS 0055 | |
| | | | | MAGNESIUM CARBONATE | NAS 0110 | |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SILICA AEROGEL | NAS 0174 | FEMA 3506 |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| | | | | SODIUM CAL ALUMSIL HYD | NAS 0184 | |
| | | | | CALCIUM STEARATE | NAS 0260 | FEMA 3572 |
| 11 | POULTRY(R) | 02 | ANTIOXIDNT | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| 11 | POULTRY(R) | 03 | COLOR | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | BROWN SUGAR | NAS 0369 | |
| 11 | POULTRY(R) | 07 | EMULSIFIER | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| 11 | POULTRY(R) | 08 | ENZYME | PAPAIN | NAS 0142 | |
| | | | | PROTEASE, BACTERIAL | NAS 0451 | |
| 11 | POULTRY(R) | 09 | FIRMN AGNT | PROTEIN, ANIMAL, HYDROLYZ | NAS 0310 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| 11 | POULTRY(R) | 10 | FLAV ENHNC | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM TRIPOLYPHOSPHATE | NAS 0210 | FEMA 3553 |
| | | | | PROTEIN, ANIMAL, HYDROLYZ | NAS 0310 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| 11 | POULTRY(R) | 11 | FLAV AGNT | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | L-CYSTEINE | NAS 0071 | FEMA 3285 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 11 | POULTRY(R) | 11 | FLAV AGNT | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | MILK POWDR WHOLE, ENZ MOD | NAS 0293 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | BROWN SUGAR | NAS 0369 | |
| 11 | POULTRY(R) | 13 | FORMUL AID | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SAUSAGE CASINGS | NAS 0313 | |
| | | | | SOYA PROTEIN ISOLATE | NAS 0446 | |
| 11 | POULTRY(R) | 15 | HUMECTANT | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| | | | | SODIUM TRIPOLYPHOSPHATE | NAS 0210 | FEMA 3553 |
| 11 | POULTRY(R) | 16 | LEAVENING | CALCIUM PHOSPHATE MONO | NAS 0049 | |
| | | | | SODIUM ACID PYROPHOS | NAS 0176 | |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| 11 | POULTRY(R) | 19 | NUTR SUPPL | CALCIUM PANTOTHENATE | NAS 0047 | |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | FERRIC SODIUM PYROPHOS | NAS 0082 | |
| | | | | MANGANESE SULFATE | NAS 0124 | |
| | | | | NIACINAMIDE | NAS 0137 | |
| | | | | POTASSIUM CHLORIDE | NAS 0151 | |
| | | | | RIBOFLAVIN | NAS 0169 | |
| | | | | SODIUM ASCORBATE | NAS 0180 | FEMA 3525 |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | D-ALPHA TOCOPH ACET | NAS 0228 | |
| | | | | VITAMIN A PALMITATE | NAS 0243 | |
| | | | | VITAMIN D2 | NAS 0245 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| 11 | POULTRY(R) | 20 | PH CONTROL | ADIPIC ACID | NAS 0003 | FEMA 2011 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM PHOSPHATE MONO | NAS 0198 | FEMA 3534 |
| 11 | POULTRY(R) | 21 | PRESERVATV | SODIUM BISULFITE | NAS 0183 | |
| | | | | SODIUM ERYTHORBATE | NAS 0317 | |
| 11 | POULTRY(R) | 26 | STBLZ THKR | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | METHYLCELLULOSE | NAS 0127 | FEMA 2696 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 11 | POULTRY(R) | 26 | STBLZ THKR | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | SODIUM PHOSPHATE TRI | NAS 0199 | |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |
| | | | | CELLULOSE | NAS 0265 | |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| 11 | POULTRY(R) | 27 | SURFACTANT | SODIUM PHOSPHATE TRI | NAS 0199 | |
| | | | | GELATIN | NAS 0350 | |
| 11 | POULTRY(R) | 30 | TEXTURIZER | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM TRIPOLYPHOSPHATE | NAS 0210 | FEMA 3553 |
| 11 | POULTRY(R) | 40 | NUTR SWEET | SUCROSE | NAS 0328 | |
| 12 | EGG PRODS(R) | 01 | ANTICAKNG | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | CALCIUM STEARATE | NAS 0260 | FEMA 3572 |
| 12 | EGG PRODS(R) | 03 | COLOR | SODIUM PHOSPHATE MONO | NAS 0198 | FEMA 3534 |
| 12 | EGG PRODS(R) | 08 | ENZYME | FUNGAL GLUCOSE OXIDASE | NAS 0455 | |
| 12 | EGG PRODS(R) | 10 | FLAV ENHNC | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | SUCROSE | NAS 0328 | |
| 12 | EGG PRODS(R) | 11 | FLAV AGNT | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | TURMERIC | | FEMA 3085 |
| | | | | TURMERIC, OLEORESIN | | FEMA 3087 |
| 12 | EGG PRODS(R) | 13 | FORMUL AID | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| 12 | EGG PRODS(R) | 16 | LEAVENING | CALCIUM PHOSPHATE MONO | NAS 0049 | |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| 12 | EGG PRODS(R) | 20 | PH CONTROL | CITRIC ACID | NAS 0068 | FEMA 2306 |
| 12 | EGG PRODS(R) | 21 | PRESERVATV | NITROGEN | NAS 0138 | |
| | | | | SODIUM BISULFITE | NAS 0183 | |
| 12 | EGG PRODS(R) | 26 | STBLZ THKR | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | GUMS, VEGETABLE | NAS 0282 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 12 | EGG PRODS(R) | 26 | STBLZ THKR | STARCH, MODIFIED | NAS 0325 | |
| 13 | FISH PRODS(R) | 01 | ANTICAKNG | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CALCIUM SILICATE | NAS 0055 | |
| | | | | MAGNESIUM CARBONATE | NAS 0110 | |
| | | | | SILICA AEROGEL | NAS 0174 | FEMA 3506 |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| | | | | CALCIUM STEARATE | NAS 0260 | FEMA 3572 |
| 13 | FISH PRODS(R) | 02 | ANTIOXIDNT | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| 13 | FISH PRODS(R) | 03 | COLOR | CARAMEL | NAS 0059 | FEMA 2235 |
| 13 | FISH PRODS(R) | 04 | CURING | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| 13 | FISH PRODS(R) | 07 | EMULSIFIER | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| 13 | FISH PRODS(R) | 08 | ENZYME | PROTEASE, BACTERIAL | NAS 0451 | |
| 13 | FISH PRODS(R) | 09 | FIRMN AGNT | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| 13 | FISH PRODS(R) | 10 | FLAV ENHNC | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | VINEGAR | NAS 0403 | |
| 13 | FISH PRODS(R) | 11 | FLAV AGNT | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | POTASSIUM CHLORIDE | NAS 0151 | |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | ALLSPICE | | FEMA 2017 |
| | | | | ESTRAGON, OIL | | FEMA 2412 |
| 13 | FISH PRODS(R) | 13 | FORMUL AID | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | MILK POWDR WHOLE, ENZ MOD | NAS 0293 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| 13 | FISH PRODS(R) | 15 | HUMECTANT | SODIUM TRIPOLYPHOSPHATE | NAS 0210 | FEMA 3553 |
| 13 | FISH PRODS(R) | 16 | LEAVENING | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| 13 | FISH PRODS(R) | 19 | NUTR SUPPL | CALCIUM PANTOTHENATE | NAS 0047 | |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | FERRIC SODIUM PYROPHOS | NAS 0082 | |
| | | | | MANGANESE SULFATE | NAS 0124 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 13 | FISH PRODS(R) | 19 | NUTR SUPPL | POTASSIUM CHLORIDE | NAS 0151 | |
| | | | | RIBOFLAVIN | NAS 0169 | |
| | | | | SODIUM ASCORBATE | NAS 0180 | FEMA 3525 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| 13 | FISH PRODS(R) | 20 | PH CONTROL | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | SODIUM ACID PYROPHOS | NAS 0176 | |
| 13 | FISH PRODS(R) | 21 | PRESERVATV | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| 13 | FISH PRODS(R) | 24 | SEQUESTRNT | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | SODIUM ACID PYROPHOS | NAS 0176 | |
| 13 | FISH PRODS(R) | 26 | STBLZ THKR | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | CELLULOSE | NAS 0269 | |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| 13 | FISH PRODS(R) | 27 | SURFACTANT | SODIUM CHLORIDE | NAS 0186 | FEMA 3537 |
| 13 | FISH PRODS(R) | 30 | TEXTURIZER | SODIUM TRIPOLYPHOSPHATE | NAS 0210 | FEMA 3553 |
| 14 | PROCSD VEGS(R) | 02 | ANTIOXIDNT | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | NITROGEN | NAS 0138 | |
| | | | | SODIUM BISULFITE | NAS 0183 | |
| | | | | SODIUM CARBONATE | NAS 0185 | |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM PHOSPHATE MONO | NAS 0198 | FEMA 3534 |
| | | | | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| 14 | PROCSD VEGS(R) | 03 | COLOR | ALUMINUM SULFATE | NAS 0011 | FEMA 3547 |
| | | | | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROTENE | NAS 0063 | FEMA 3548 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | L-CYSTEINE | NAS 0071 | FEMA 3285 |
| | | | | ERYTHORBIC ACID | NAS 0078 | FEMA 2410 |
| | | | | SODIUM ACID PYROPHOS | NAS 0176 | |
| | | | | SODIUM BISULFITE | NAS 0183 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 14 | PROCSD VEGS(R) | 03 | COLOR | SODIUM CARBONATE | NAS 0185 | |
| | | | | SODIUM METABISULFITE | NAS 0193 | |
| | | | | SODIUM SULFITE | NAS 0206 | |
| | | | | STANNOUS CHLORIDE | NAS 0213 | |
| | | | | CELLULOSE | NAS 0265 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | PAPRIKA | | FEMA 2833 |
| | | | | PAPRIKA, OLEORESIN | | FEMA 2834 |
| | | | | BROWN SUGAR | NAS 0369 | |
| | | | | CARAMEL LIQUID | NAS 0441 | |
| | | | | F D AND C BLUE DYE NO 1 | NAS 0340 | |
| 14 | PROCSD VEGS(R) | 04 | CURING | SODIUM BISULFITE | NAS 0183 | |
| | | | | DEXTROSE | NAS 0271 | |
| 14 | PROCSD VEGS(R) | 07 | EMULSIFIER | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| 14 | PROCSD VEGS(R) | 09 | FIRMN AGNT | ALUMINUM SULFATE | NAS 0011 | FEMA 3547 |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CALCIUM LACTATE | NAS 0045 | FEMA 3535 |
| | | | | CALCIUM SULFATE | NAS 0057 | |
| | | | | MAGNESIUM OXIDE | NAS 0112 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| 14 | PROCSD VEGS(R) | 10 | FLAV ENHNC | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM PHOSPHATE MONO | NAS 0198 | FEMA 3534 |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | BROWN SUGAR | NAS 0369 | |
| 14 | PROCSD VEGS(R) | 11 | FLAV AGNT | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | L-CYSTEINE | NAS 0071 | FEMA 3285 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | ALLSPICE | | FEMA 2017 |
| | | | | ALLSPICE, OIL | | FEMA 2018 |
| | | | | BASIL | | FEMA 2118 |
| | | | | BASIL, OIL | | FEMA 2119 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 14 | PROCSD VEGS(R) | 11 | FLAV AGNT | BAY LEAVES, W IND, OIL | | FEMA 2122 |
| | | | | BAY, SWEET | | FEMA 2124 |
| | | | | CARAWAY | NAS 0421 | FEMA 2236 |
| | | | | CARDAMOM | | FEMA 2240 |
| | | | | CELERY SEED | | FEMA 2268 |
| | | | | CINNAMON LEAF, OIL | | FEMA 2292 |
| | | | | CLOVE BUD, OIL | | FEMA 2323 |
| | | | | CLOVE LEAF, OIL | | FEMA 2325 |
| | | | | CLOVES | | FEMA 2327 |
| | | | | CUMIN | | FEMA 2340 |
| | | | | DILL | | FEMA 2382 |
| | | | | FENNEL, SWEET | | FEMA 2482 |
| | | | | GINGER | | FEMA 2520 |
| | | | | LAUREL LEAVES, EXTRCT | | FEMA 2613 |
| | | | | MACE | | FEMA 2652 |
| | | | | MACE, OIL | | FEMA 2653 |
| | | | | MARJORAM SEED | | FEMA 2661 |
| | | | | MARJORAM, SWEET | | FEMA 2662 |
| | | | | MUSTARD, BROWN | | FEMA 2760 |
| | | | | MUSTARD, YELLOW | | FEMA 2761 |
| | | | | NUTMEG | NAS 0431 | FEMA 2792 |
| | | | | ORANGE, OIL, TERPENELESS | | FEMA 2822 |
| | | | | ORNGPL OIL SWEET TERP/LES | | FEMA 2826 |
| | | | | OREGANO | | FEMA 2627 |
| | | | | PAPRIKA | | FEMA 2833 |
| | | | | PAPRIKA, OLEORESIN | | FEMA 2834 |
| | | | | PARSLEY | | FEMA 2835 |
| | | | | PARSLEY, OIL | | FEMA 2836 |
| | | | | PEPPER, BLACK | | FEMA 2844 |
| | | | | PEPPER, BLACK, OIL | | FEMA 2845 |
| | | | | PEPPER, BLACK, OLEORES | | FEMA 2846 |
| | | | | PEPPER, RED | | FEMA 2849 |
| | | | | PEPPER, WHITE | | FEMA 2850 |
| | | | | POPPY SEED | | FEMA 2919 |
| | | | | ROSEMARY | | FEMA 2991 |
| | | | | SAGE | | FEMA 3000 |
| | | | | SAVORY, SUMMER | | FEMA 3012 |
| | | | | THYME | | FEMA 3063 |
| | | | | TURMERIC | | FEMA 3085 |
| | | | | ACETALDEHYDE PHENETHYL PR | | FEMA 2004 |
| | | | | HEXANOIC ACID | | FEMA 2559 |
| | | | | 2,6-NONADIENOL-1 | | FEMA 2760 |
| | | | | 1-OCTENOL-3 | | FEMA 2805 |
| | | | | ISOVALERIC ACID | | FEMA 3102 |
| | | | | 2-ISOBUTYLTHIAZOLE | | FEMA 3134 |
| | | | | ISOPROPYL TIGLATE | | FEMA 3229 |
| | | | | DISODIUM GUANYLATE | NAS 0541 | FEMA 3292 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 14 | PROCSD VEGS(R) | 11 | FLAV AGNT | DISODIUM INOSINATE | NAS 0540 | FEMA 3293 |
| | | | | BROWN SUGAR | NAS 0369 | |
| | | | | GROUND CHILIES | | FEMA 3570 |
| | | | | GARLIC, ALLIUM SATIVUM | | FEMA 3508 |
| | | | | ONION, ALLIUM CEPA | | FEMA 3509 |
| | | | | SESAME SEED | | FEMA 3500 |
| 14 | PROCSD VEGS(R) | 13 | FORMUL AID | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | GELATIN | NAS 0350 | |
| | | | | XANTHAN GUM | NAS 0544 | |
| 14 | PROCSD VEGS(R) | 16 | LEAVENING | CALCIUM PHOSPHATE MONO | NAS 0049 | |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| 14 | PROCSD VEGS(R) | 18 | NNTR SWEET | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| 14 | PROCSD VEGS(R) | 19 | NUTR SUPPL | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | VITAMIN A ACETATE | NAS 0242 | |
| | | | | VITAMIN A PALMITATE | NAS 0243 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| 14 | PROCSD VEGS(R) | 20 | PH CONTROL | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM PHOSPHATE MONO | NAS 0049 | |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | MAGNESIUM CARBONATE | NAS 0110 | |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | POTASSIUM PHOSPHATE DI | NAS 0157 | |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CARBONATE | NAS 0185 | |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | FUMARIC ACID | NAS 0382 | FEMA 2488 |
| 14 | PROCSD VEGS(R) | 21 | PRESERVATV | METHYLPARABEN | NAS 0128 | FEMA 2710 |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | PROPYLPARABEN | NAS 0166 | FEMA 2951 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SODIUM BISULFITE | NAS 0183 | |
| | | | | SODIUM SULFITE | NAS 0206 | |

TABLE 1J -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 14 | PROCSD VEGS(R) | 21 | PRESERVATV | SORBIC ACID | NAS 0211 | FEMA 3624 |
| | | | | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| 14 | PROCSD VEGS(R) | 22 | PROCES AID | SODIUM BISULFITE | NAS 0183 | |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| | | | | DEXTROSE | NAS 0271 | |
| 14 | PROCSD VEGS(R) | 23 | PROPL AERT | NITROGEN | NAS 0138 | |
| 14 | PROCSD VEGS(R) | 24 | SEQUESTRNT | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | SODIUM ACID PYROPHOS | NAS 0176 | |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | CALCIUM DISODIUM EDTA | NAS 0532 | FEMA 3510 |
| 14 | PROCSD VEGS(R) | 25 | SOLV VEHIC | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| 14 | PROCSD VEGS(R) | 26 | STBLZ THKR | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | METHYLCELLULOSE | NAS 0127 | FEMA 2696 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | CORN STARCH | NAS 0411 | |
| | | | | SODIUM CALCIUM ALGINATE | NAS 0341 | |
| 14 | PROCSD VEGS(R) | 27 | SURFACTANT | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| 14 | PROCSD VEGS(R) | 28 | SURF FINSH | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| 14 | PROCSD VEGS(R) | 30 | TEXTURIZER | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | SOYBEAN OIL | NAS 0407 | FEMA 3695 |
| 14 | PROCSD VEGS(R) | 40 | NUTR SWEET | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | INVERT SUGAR | NAS 0429 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 15 | CONDM RELSH(R) | 01 | ANTICAKNG | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| 15 | CONDM RELSH(R) | 03 | COLOR | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | FERROUS GLUCONATE | NAS 0083 | |
| | | | | SODIUM BISULFITE | NAS 0183 | |
| | | | | PAPRIKA, OLEORESIN | | FEMA 2834 |
| | | | | TURMERIC, OLEORESIN | | FEMA 3087 |
| 15 | CONDM RELSH(R) | 04 | CURING | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | ALUMINUM AMMON SULFATE | NAS 0008 | |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| 15 | CONDM RELSH(R) | 07 | EMULSIFIER | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | POLYSORBATE 20 | | FEMA 2915 |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| 15 | CONDM RELSH(R) | 08 | ENZYME | PAPAIN | NAS 0142 | |
| 15 | CONDM RELSH(R) | 09 | FIRMN AGNT | ALUMINUM AMMON SULFATE | NAS 0008 | |
| | | | | ALUMINUM POT SULFATE | NAS 0009 | |
| | | | | ALUMINUM SULFATE | NAS 0011 | FEMA 3547 |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| 15 | CONDM RELSH(R) | 10 | FLAV ENHNC | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | POTASSIUM CHLORIDE | NAS 0151 | |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SUCCINIC ACID | NAS 0216 | FEMA 3569 |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | AMMONIUM CHLORIDE | NAS 0344 | |
| 15 | CONDM RELSH(R) | 11 | FLAV AGNT | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | ADIPIC ACID | NAS 0003 | FEMA 2011 |
| | | | | DL-ALANINE | NAS 0005 | FEMA 3251 |
| | | | | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | L-CYSTEINE | NAS 0071 | FEMA 3285 |
| | | | | DL-CYSTINE | NAS 0072 | FEMA 3286 |
| | | | | GLUTAMIC ACID | NAS 0087 | FEMA 3307 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 15 | CONDM RELSH(R) | 11 | FLAV AGNT | DL-ISOLEUCINE | NAS 0101 | FEMA 3330 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | DL-PHENYLALANINE | NAS 0143 | FEMA 3372 |
| | | | | DL-PROLINE | NAS 0161 | FEMA 3377 |
| | | | | SODIUM CHLORIDE | NAS 0186 | FEMA 3537 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | ALLSPICE | | FEMA 2017 |
| | | | | ALLSPICE, OIL | | FEMA 2018 |
| | | | | ALLSPICE, OLEORESIN | | FEMA 2019 |
| | | | | ANISE | | FEMA 2093 |
| | | | | ANISE, OIL | | FEMA 2094 |
| | | | | ASAFETIDA, FLUID EXTRACT | | FEMA 2106 |
| | | | | ASAFETIDA, OIL | | FEMA 2108 |
| | | | | BASIL | | FEMA 2118 |
| | | | | BASIL, OIL | | FEMA 2119 |
| | | | | BASIL, OLEORESIN | | FEMA 2120 |
| | | | | BAY LEAVES, W IND, EXT | | FEMA 2121 |
| | | | | BAY LEAVES, W IND, OIL | | FEMA 2122 |
| | | | | BAY LEAVES, W IND, RESIN | | FEMA 2123 |
| | | | | BAY, SWEET | | FEMA 2124 |
| | | | | BAY, SWEET, OIL | | FEMA 2125 |
| | | | | CAPSICUM, EXTRACT | | FEMA 2233 |
| | | | | CAPSICUM, OLEORESIN | | FEMA 2234 |
| | | | | CARAWAY | NAS 0421 | FEMA 2236 |
| | | | | CARAWAY, OIL | | FEMA 2238 |
| | | | | CARDAMOM | | FEMA 2240 |
| | | | | CARDAMOM SEED, OIL | | FEMA 2241 |
| | | | | CARROT, OIL | | FEMA 2244 |
| | | | | CASCARILLA BARK, OIL | | FEMA 2255 |
| | | | | CASSIA | | FEMA 2256 |
| | | | | CASSIA BARK, OIL | | FEMA 2258 |
| | | | | CAYENNE | | FEMA 2266 |
| | | | | CELERY SEED | | FEMA 2268 |
| | | | | CELERY SEED, EXTRACT | | FEMA 2269 |
| | | | | CELERY SEED, EXT SOLID | | FEMA 2270 |
| | | | | CELERY SEED, OIL | | FEMA 2271 |
| | | | | CHERVIL | | FEMA 2279 |
| | | | | CINNAMON | | FEMA 2289 |
| | | | | CINNAMON BARK, OIL | | FEMA 2291 |
| | | | | CINNAMON LEAF, OIL | | FEMA 2292 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 15 | CONDM RELSH(R) | 11 | FLAV AGNT | CLARY, OIL | | FEMA 2321 |
| | | | | CLOVE BUD, EXTRACT | | FEMA 2322 |
| | | | | CLOVE BUD, OIL | | FEMA 2323 |
| | | | | CLOVE BUD, OLEORESIN | | FEMA 2324 |
| | | | | CLOVE LEAF, OIL | | FEMA 2325 |
| | | | | CLOVES | | FEMA 2327 |
| | | | | CLOVE STEM, OIL | | FEMA 2328 |
| | | | | COGNAC, GREEN, OIL | | FEMA 2331 |
| | | | | CORIANDER | | FEMA 2333 |
| | | | | CORIANDER, OIL | | FEMA 2334 |
| | | | | CUMIN | | FEMA 2340 |
| | | | | CUMIN, OIL | | FEMA 2343 |
| | | | | DILL | | FEMA 2382 |
| | | | | DILL, OIL | | FEMA 2383 |
| | | | | ESTRAGON, OIL | | FEMA 2412 |
| | | | | FENNEL, SWEET | | FEMA 2482 |
| | | | | FENNEL, SWEET, OIL | | FEMA 2483 |
| | | | | FENUGREEK | | FEMA 2484 |
| | | | | FENUGREEK, EXTRACT | | FEMA 2485 |
| | | | | GARLIC, OIL | | FEMA 2503 |
| | | | | GINGER | | FEMA 2520 |
| | | | | GINGER, EXTRACT | | FEMA 2521 |
| | | | | GINGER, OIL | | FEMA 2522 |
| | | | | GINGER, OLEORESIN | | FEMA 2523 |
| | | | | LEMON, OIL | | FEMA 2625 |
| | | | | LEMON OIL, TERP/LESS | | FEMA 2626 |
| | | | | LIME, OIL | | FEMA 2631 |
| | | | | LIME OIL, TERPENELESS | | FEMA 2632 |
| | | | | MACE | | FEMA 2652 |
| | | | | MACE, OIL | | FEMA 2653 |
| | | | | MACE, OLEORESIN | | FEMA 2654 |
| | | | | MARJORAM, OLEORESIN | | FEMA 2659 |
| | | | | MARJORAM, POT | | FEMA 2660 |
| | | | | MARJORAM, SWEET | | FEMA 2662 |
| | | | | MARJORAM, SWEET, OIL | | FEMA 2663 |
| | | | | MUSTARD, BROWN | | FEMA 2760 |
| | | | | MUSTARD, YELLOW | | FEMA 2761 |
| | | | | NUTMEG | NAS 0431 | FEMA 2792 |
| | | | | NUTMEG, OIL | | FEMA 2793 |
| | | | | ONION, OIL | | FEMA 2817 |
| | | | | ORANGE OIL | NAS 0493 | FEMA 2821 |
| | | | | ORANGE, OIL, TERPENELESS | | FEMA 2822 |
| | | | | ORANGE PEEL, BITTER, OIL | | FEMA 2823 |
| | | | | ORANGE PEEL, SWEET, OIL | | FEMA 2825 |
| | | | | ORNGPL OIL SWEET TERP/LES | | FEMA 2826 |
| | | | | OREGANO | | FEMA 2827 |
| | | | | ORIGANUM, OIL | | FEMA 2828 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 15 | CONDM RELSH(R) | 11 | FLAV AGNT | PAPRIKA | | FEMA 2833 |
| | | | | PAPRIKA, OLEORESIN | | FEMA 2834 |
| | | | | PARSLEY | | FEMA 2835 |
| | | | | PARSLEY, OIL | | FEMA 2836 |
| | | | | PARSLEY, OLEORESIN | | FEMA 2837 |
| | | | | PEPPER, BLACK | | FEMA 2844 |
| | | | | PEPPER, BLACK, OIL | | FEMA 2845 |
| | | | | PEPPER, BLACK, OLEORES | | FEMA 2846 |
| | | | | PEPPER, RED | | FEMA 2849 |
| | | | | PEPPER, WHITE | | FEMA 2850 |
| | | | | PEPPER, WHITE, OIL | | FEMA 2851 |
| | | | | PEPPER, WHITE, OLEORES | | FEMA 2852 |
| | | | | PETITGRAIN, OIL | | FEMA 2855 |
| | | | | PIMENTA LEAF, OIL | | FEMA 2901 |
| | | | | POPPY SEED | | FEMA 2919 |
| | | | | ROSEMARY | | FEMA 2991 |
| | | | | ROSEMARY, OIL | | FEMA 2992 |
| | | | | RUE, OIL | | FEMA 2995 |
| | | | | SAFFRON, EXTRACT | | FEMA 2999 |
| | | | | SAGE | | FEMA 3000 |
| | | | | SAGE, OIL | | FEMA 3001 |
| | | | | SAGE, OLEORESIN | | FEMA 3002 |
| | | | | SAGE, SPANISH, OIL | | FEMA 3003 |
| | | | | SAVORY, SUMMER | | FEMA 3012 |
| | | | | SAVORY, SUMMER, OIL | | FEMA 3013 |
| | | | | SAVORY, SUMMER, OLEORE | | FEMA 3014 |
| | | | | SAVORY, WINTER, OIL | | FEMA 3016 |
| | | | | SAVORY, WINTER, OLEORE | | FEMA 3017 |
| | | | | SCHINUS MOLLE, OIL | | FEMA 3018 |
| | | | | SPEARMINT, OIL | | FEMA 3032 |
| | | | | TARRAGON | | FEMA 3043 |
| | | | | THYME | | FEMA 3063 |
| | | | | THYME, OIL | | FEMA 3064 |
| | | | | THYME, WHITE, OIL | | FEMA 3065 |
| | | | | TURMERIC | | FEMA 3085 |
| | | | | TURMERIC, EXTRACT | | FEMA 3086 |
| | | | | TURMERIC, OLEORESIN | | FEMA 3087 |
| | | | | HICKORY, SMOKE, DIST | | FEMA 3320 |
| | | | | TAMARIND, EXTRACT | | FEMA 3395 |
| | | | | ACETOIN | NAS 0363 | FEMA 2008 |
| | | | | N-BUTYRIC ACID | NAS 0337 | FEMA 2221 |
| | | | | CARVONE | | FEMA 2249 |
| | | | | CINNAMALDEHYDE | | FEMA 2286 |
| | | | | CINNAMALDE ETHYLENE GLYOL | | FEMA 2287 |
| | | | | CITRAL | | FEMA 2303 |
| | | | | ETHYL METHYLPHENYLGLYCIDA | | FEMA 2444 |
| | | | | ETHYL VANILLIN | | FEMA 2464 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 15 | CONDM MELSH(R) | 11 | FLAV AGNT | EUGENOL | FEMA 2467 |
| | | | | /&/-LIMONENE | FEMA 2633 |
| | | | | LINALOOL | FEMA 2635 |
| | | | | LINALYL ACETATE | FEMA 2636 |
| | | | | ALOE, EXTRACT | FEMA 2047 |
| | | | | BORONIA, ABSOLUTE | FEMA 2167 |
| | | | | BUCHU LEAVES, OIL | FEMA 2169 |
| | | | | CAJEPUT, OIL | FEMA 2225 |
| | | | | CAMPHOR, JAP, WHITE, OIL | FEMA 2231 |
| | | | | CEDAR LEAF, OIL | FEMA 2267 |
| | | | | CINCHONA BARK, RED, EXT | FEMA 2282 |
| | | | | CUBEBS, OIL | FEMA 2339 |
| | | | | DILL SEED, INDIAN | FEMA 2384 |
| | | | | ELEMI, OIL | FEMA 2408 |
| | | | | EUCALYPTUS, OIL | FEMA 2466 |
| | | | | GALBANUM, OIL | FEMA 2501 |
| | | | | LABDANUM, OIL | FEMA 2609 |
| | | | | LOVAGE, OIL | FEMA 2651 |
| | | | | ORRIS, CONCRETE, LIQ/OIL | FEMA 2829 |
| | | | | SNAKEROOT, CANADIAN, OIL | FEMA 3023 |
| | | | | TAGETES, OIL | FEMA 3040 |
| | | | | TURPENTINE, STEAM DIS | FEMA 3089 |
| | | | | VALERIAN ROOT, EXTR | FEMA 3099 |
| | | | | DIALLYL DISULFIDE | FEMA 2028 |
| | | | | ALLYL ISOTHIOCYANATE | FEMA 2034 |
| | | | | ALLYL MERCAPTAN | FEMA 2035 |
| | | | | DIALLYL SULFIDE | FEMA 2042 |
| | | | | AMMONIUM SULFIDE | FEMA 2053 |
| | | | | BORNEOL | FEMA 2157 |
| | | | | BORNYL ACETATE | FEMA 2159 |
| | | | | BORNYL FORMATE | FEMA 2161 |
| | | | | /&/-CAMPHOR | FEMA 2230 |
| | | | | CARVACROL | FEMA 2245 |
| | | | | B&-CARYOPHYLLENE | FEMA 2252 |
| | | | | CINNAMYL ACETATE | FEMA 2293 |
| | | | | CINNAMYL BUTYRATE | FEMA 2296 |
| | | | | CINNAMYL ISOBUTYRATE | FEMA 2297 |
| | | | | CINNAMYL CINNAMATE | FEMA 2298 |
| | | | | CINNAMYL FORMATE | FEMA 2299 |
| | | | | CUMINALDEHYDE | FEMA 2341 |
| | | | | P@-CYMENE | FEMA 2356 |
| | | | | DIBENZYL ETHER | FEMA 2371 |
| | | | | ESTRAGOLE | FEMA 2411 |
| | | | | ETHYL CINNAMATE | FEMA 2430 |
| | | | | 4-ETHYLGUAIACOL | FEMA 2436 |
| | | | | ETHYL OLEATE | FEMA 2450 |
| | | | | ISOEUGENOL | FEMA 2468 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 15 | CONDM RELSH(R) | 11 | FLAV AGNT | EUGENYL ACETATE | | FEMA 2469 |
| | | | | EUGENYL METHYL ETHER | | FEMA 2475 |
| | | | | ISOAMYL FUSEL OIL | | FEMA 2497 |
| | | | | 2-HEPTANONE | | FEMA 2544 |
| | | | | HEXANOIC ACID | | FEMA 2559 |
| | | | | INDOLE | | FEMA 2593 |
| | | | | P@-METHYLANISOLE | | FEMA 2681 |
| | | | | A&-METHYLCINNANALDEHYDE | | FEMA 2697 |
| | | | | METHYL 3-METHYLTHIOPROPIO | | FEMA 2720 |
| | | | | DIMETHYL SULFIDE | | FEMA 2746 |
| | | | | 2-METHYLTHIOPROPIONALDEHY | | FEMA 2747 |
| | | | | MYRCENE | | FEMA 2762 |
| | | | | 2-OCTANONE | | FEMA 2802 |
| | | | | 1-OCTENOL-3 | | FEMA 2805 |
| | | | | A&-PHELLANDRENE | | FEMA 2856 |
| | | | | PHENETHYL BUTYRATE | | FEMA 2861 |
| | | | | 3-PHENYLPROPIONALDEHYDE | | FEMA 2887 |
| | | | | 2-PHENYLPROPIONALD DIMET | | FEMA 2888 |
| | | | | A&-PINENE | | FEMA 2902 |
| | | | | NOPINENE | | FEMA 2903 |
| | | | | PIPERIDINE | | FEMA 2908 |
| | | | | PIPERINE | | FEMA 2909 |
| | | | | P@-PROPYL ANISOLE | | FEMA 2930 |
| | | | | 3-PROPYLIDENEPHTHALIDE | | FEMA 2952 |
| | | | | PYRIDINE | | FEMA 2966 |
| | | | | PYROLIGNEOUS ACID, EXT | | FEMA 2968 |
| | | | | PYROVALDEHYDE | | FEMA 2969 |
| | | | | ETHYL OXYHYDRATE | NAS 0379 | FEMA 2996 |
| | | | | SALICYLALDEHYDE | | FEMA 3004 |
| | | | | A&-TERPINEOL | | FEMA 3045 |
| | | | | TERPINYL ACETATE | | FEMA 3047 |
| | | | | TETRAHYDROLINALOOL | | FEMA 3060 |
| | | | | ISOVALERIC ACID | | FEMA 3102 |
| | | | | ZINGERONE | | FEMA 3124 |
| | | | | PROPYL DISULFIDE | | FEMA 3228 |
| | | | | THIOPHENOL | | FEMA 3260 |
| | | | | CADINENE | | FEMA 3263 |
| | | | | CARYOPHYLL ALC ACETATE | | FEMA 3266 |
| | | | | B&-CARYOPHYLLENE ALCOHOL | | FEMA 3267 |
| | | | | CARYOPHYLIENE ALCOHOL | | FEMA 3268 |
| | | | | B-CARYOPHYLL ALC AC | | FEMA 3269 |
| | | | | METHYL DISULFIDE | | FEMA 3350 |
| | | | | ALLYL 2-FUROATE | | FEMA 2030 |
| | | | | ANNATTO, EXTRACT | | FEMA 2103 |
| | | | | DIHYDROCOUMARIN | | FEMA 2381 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| | | | | FURFURYL MERCAPTAN | | FEMA 2493 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 15 | CONDM RELSH(R) | 11 | FLAV AGNT | FURYL ACROLEIN | | FEMA 2494 |
| | | | | OLEIC ACID | | FEMA 2815 |
| | | | | PYROLIGNEOUS ACID | | FEMA 2967 |
| | | | | GE-VALEROLACTONE | | FEMA 3103 |
| | | | | 2-ISOBUTYL-3-METHOXYPYRAZ | | FEMA 3132 |
| | | | | 2-ISOBUTYLTHIAZOLE | | FEMA 3134 |
| | | | | 2T,4T-DECADIENAL | | FEMA 3135 |
| | | | | 2,4-DIMETHYL-5-VINYLTHIAZ | | FEMA 3145 |
| | | | | 2,4-HEPTADIENAL -TR,TR | | FEMA 3164 |
| | | | | 2-HEPTENAL | | FEMA 3165 |
| | | | | 2-MERCAPTOPROPIONIC ACID | | FEMA 3180 |
| | | | | 2-METHYL-5-METHOXYTHIAZOL | | FEMA 3192 |
| | | | | 4-METHYL-5-THIAZOLEETHANO | | FEMA 3204 |
| | | | | /METHYLTHIO/METHYLPYRAZIN | | FEMA 3208 |
| | | | | 2,4-NONADIENAL | | FEMA 3212 |
| | | | | 2-NONENAL | | FEMA 3213 |
| | | | | ISOPENTYLAMINE | | FEMA 3219 |
| | | | | PROPENYL PROPYL DISULFIDE | | FEMA 3227 |
| | | | | TRIMETHYLAMINE | | FEMA 3241 |
| | | | | 2,6-XYLENOL | | FEMA 3249 |
| | | | | FURFURYL PYRROL | | FEMA 3441 |
| | | | | DISODIUM GUANYLATE | NAS 0541 | FEMA 3292 |
| | | | | DISODIUM INOSINATE | NAS 0540 | FEMA 3293 |
| | | | | GLYCINE | NAS 0356 | FEMA 3310 |
| | | | | LEEK, OIL | | FEMA 3326 |
| | | | | DL-METHIONINE | NAS 0359 | FEMA 3344 |
| | | | | 3,5-DIMET TRITHIOLANE | | FEMA 3428 |
| | | | | 2,6-UNDECADIENAL | | FEMA 3481 |
| | | | | CARYOPHYLLENE OXIDE | | FEMA 3488 |
| | | | | BONITO, DRIED | NAS 0489 | |
| | | | | CHILI CAPSICUM | | FEMA 3532 |
| | | | | GARLIC, ALLIUM SATIVUM | | FEMA 3508 |
| | | | | INVERT SUGAR SYRUP | NAS 0430 | FEMA 3687 |
| | | | | LEMON PEEL GRANULES | | FEMA 3573 |
| | | | | METHYL THIOFUROATE | | FEMA 3629 |
| | | | | MUSTARD, ORIENTAL | | FEMA 3546 |
| | | | | ONION, ALLIUM CEPA | | FEMA 3509 |
| | | | | ORANGE PEEL | | FEMA 3526 |
| | | | | SESAME SEED | | FEMA 3500 |
| | | | | 3,5,5 TRIMETHYLHEXAN-1-OL | | FEMA 3630 |
| | | | | VINEGAR | NAS 0403 | |
| | | | | YEAST EXTRACT | NAS 0481 | FEMA 3521 |
| 15 | CONDM RELSH(R) | 13 | FORMUL AID | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | DEXTROSE | NAS 0271 | |
| 15 | CONDM RELSH(R) | 19 | NUTR SUPPL | FERRIC PHOSPHATE | NAS 0080 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 15 | CONDM RELSH(R) | 19 | NUTR SUPPL | RIBOFLAVIN | NAS 0169 | |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 15 | CONDM RELSH(R) | 20 | PH CONTROL | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | ADIPIC ACID | NAS 0003 | FEMA 2011 |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | GLUTAMIC ACID | NAS 0087 | FEMA 3307 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | SODIUM ACID PYROPHOS | NAS 0176 | |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | VINEGAR | NAS 0403 | |
| 15 | CONDM RELSH(R) | 21 | PRESERVATV | BENZOIC ACID | NAS 0029 | FEMA 2131 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | POTASSIUM METABISULFITE | NAS 0156 | |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SODIUM BISULFITE | NAS 0183 | |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM METABISULFITE | NAS 0193 | |
| | | | | SODIUM SULFITE | NAS 0206 | |
| | | | | SORBIC ACID | NAS 0211 | FEMA 3624 |
| | | | | CALCIUM DISODIUM EDTA | NAS 0532 | FEMA 3510 |
| | | | | VINEGAR | NAS 0403 | |
| 15 | CONDM RELSH(R) | 22 | PROCES AID | AMMONIUM PHOSPHATE DI | NAS 0016 | |
| | | | | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | MAGNESIUM SULFATE | NAS 0117 | |
| | | | | POTASSIUM CITRATE | NAS 0152 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | YEASTS | NAS 0333 | |
| 15 | CONDM RELSH(R) | 24 | SEQUESTRNT | CALCIUM PHYTATE | NAS 0051 | |
| 15 | CONDM RELSH(R) | 26 | STBLZ THKR | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 15 | CONDM RELSH(R) | 26 | STBLZ THKR | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | PECTIN | NAS 0335 | |
| | | | | STARCH | NAS 0402 | |
| | | | | XANTHAN GUM | NAS 0544 | |
| 15 | CONDM RELSH(R) | 27 | SURFACTANT | POLYSORBATE 20 | | FEMA 2915 |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | SILICON ANTIFOAM | NAS 0478 | |
| 15 | CONDM RELSH(R) | 30 | TEXTURIZER | ALUMINUM POT SULFATE | NAS 0009 | |
| | | | | CALCIUM OXIDE | NAS 0046 | |
| 15 | CONDM RELSH(R) | 40 | NUTR SWEET | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 16 | SOFT CANDY(R) | 01 | ANTICAKNG | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM OXIDE | NAS 0046 | |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CALCIUM SILICATE | NAS 0055 | |
| | | | | CARNAUBA WAX | NAS 0061 | FEMA 3514 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | WAX, SHELLAC | NAS 0332 | |
| | | | | CORN STARCH | NAS 0411 | |
| | | | | SHELLAC | | FEMA 3515 |
| 16 | SOFT CANDY(R) | 02 | ANTIOXIDNT | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | ERYTHORBIC ACID | NAS 0078 | FEMA 2410 |
| | | | | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| 16 | SOFT CANDY(R) | 03 | COLOR | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | CARBON | NAS 0262 | |
| | | | | MOLASSES | NAS 0388 | FEMA 3679 |
| | | | | TITANIUM DIOXIDE | NAS 0488 | |
| 16 | SOFT CANDY(R) | 07 | EMULSIFIER | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 07 | EMULSIFIER | STERCULIA GUM | NAS 0215 | FEMA 2605 |
| | | | | LECITHIN, MOD W/HYD PER | NAS 0287 | |
| | | | | POLYSORBATE 20 | | FEMA 2915 |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | SORBITAN MONOSTEARATE | NAS 0401 | FEMA 3028 |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| 16 | SOFT CANDY(R) | 08 | ENZYME | ENZYMES, BACTERIAL | NAS 0273 | |
| | | | | ENZYMES, PROTEOLYTIC | NAS 0274 | |
| 16 | SOFT CANDY(R) | 09 | FIRMN AGNT | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | CALCIUM LACTATE | NAS 0045 | FEMA 3535 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | STARCH, MODIFIED | NAS 0323 | |
| | | | | PECTIN | NAS 0335 | |
| 16 | SOFT CANDY(R) | 10 | FLAV ENHNC | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | POTASSIUM CHLORIDE | NAS 0151 | |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | COCOA | NAS 0371 | FEMA 3516 |
| | | | | MALTED MILK | NAS 0551 | |
| | | | | MILK, SKIM | NAS 0498 | |
| | | | | MILK, SKIM, POWDERED | NAS 0514 | |
| | | | | WHEY, DRIED | NAS 0463 | |
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | AGAR-AGAR | NAS 0004 | FEMA 2012 |
| | | | | DL-ALANINE | NAS 0005 | FEMA 3251 |
| | | | | BEESWAX, BLEACHED | NAS 0027 | FEMA 2126 |
| | | | | BENZOIC ACID | NAS 0029 | FEMA 2131 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | CAFFEINE | NAS 0034 | FEMA 2224 |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CAPRYLIC ACID | NAS 0058 | FEMA 2799 |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | L-CYSTEINE | NAS 0071 | FEMA 3285 |
| | | | | DL-CYSTINE | NAS 0072 | FEMA 3286 |
| | | | | ETHYL FORMATE | NAS 0079 | FEMA 2434 |
| | | | | GLUTAMIC ACID | NAS 0087 | FEMA 3307 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | DL-ISOLEUCINE | NAS 0101 | FEMA 3330 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | DL-LEUCINE | NAS 0105 | FEMA 3329 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | METHYLCELLULOSE | NAS 0127 | FEMA 2696 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | DL-PHENYLALANINE | NAS 0143 | FEMA 3372 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | PROPIONIC ACID | NAS 0163 | FEMA 2924 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | TRIACETIN | NAS 0233 | FEMA 2007 |
| | | | | TRIETHYL CITRATE | NAS 0234 | FEMA 3083 |
| | | | | BUTTER FAT ENZ MOD W /B A | NAS 0258 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | MALT SYRUP | NAS 0291 | FEMA 3579 |
| | | | | MILK POWDR WHOLE, ENZ MOD | NAS 0293 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | TANNIC ACID | NAS 0330 | FEMA 3042 |
| | | | | ALFALFA, EXTRACT | | FEMA 2013 |
| | | | | ALLSPICE | | FEMA 2017 |
| | | | | ALLSPICE, OIL | | FEMA 2018 |
| | | | | ALMOND OIL, BITTER, FFPA | | FEMA 2046 |
| | | | | AMBERGRIS, TINCTURE | | FEMA 2049 |
| | | | | AMBRETTE, ABSOLUTE, OIL | | FEMA 2050 |
| | | | | AMBRETTE SEED, OIL | | FEMA 2051 |
| | | | | AMBRETTE, TINCTURE | | FEMA 2052 |
| | | | | ANGELICA ROOT, EXTRACT | | FEMA 2087 |
| | | | | ANGELICA ROOT, OIL | | FEMA 2088 |
| | | | | ANGELICA SEED, EXTRACT | | FEMA 2089 |
| | | | | ANGELICA SEED, OIL | | FEMA 2090 |
| | | | | ANGELICA STEM, OIL | | FEMA 2091 |
| | | | | ANGOSTURA, EXTRACT | | FEMA 2092 |
| | | | | ANISE | | FEMA 2093 |
| | | | | ANISE, OIL | | FEMA 2094 |
| | | | | ANISE, STAR | | FEMA 2095 |
| | | | | ANISE, STAR, OIL | | FEMA 2096 |
| | | | | ASAFETIDA, FLUID EXTRACT | | FEMA 2106 |
| | | | | ASAFETIDA, GUM | | FEMA 2107 |
| | | | | ASAFETIDA, OIL | | FEMA 2108 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | ASH BARK, PRICKLY, EXT | FEMA 2110 |
| | | | | BALM LEAVES, EXTRACT | FEMA 2112 |
| | | | | BALM, OIL | FEMA 2113 |
| | | | | BALSAM, PERU | FEMA 2116 |
| | | | | BALSAM, PERU, OIL | FEMA 2117 |
| | | | | BASIL | FEMA 2118 |
| | | | | BASIL, OIL | FEMA 2119 |
| | | | | BASIL, OLEORESIN | FEMA 2120 |
| | | | | BAY LEAVES, W IND, EXT | FEMA 2121 |
| | | | | BAY LEAVES, W IND, OIL | FEMA 2122 |
| | | | | BAY LEAVES, W IND, RESIN | FEMA 2123 |
| | | | | BAY, SWEET | FEMA 2124 |
| | | | | BAY, SWEET, OIL | FEMA 2125 |
| | | | | BERGAMOT, OIL | FEMA 2153 |
| | | | | CANANGA, OIL | FEMA 2232 |
| | | | | CAPSICUM, EXTRACT | FEMA 2233 |
| | | | | CAPSICUM, OLEORESIN | FEMA 2234 |
| | | | | CARAWAY, OIL | FEMA 2238 |
| | | | | CARDAMOM | FEMA 2240 |
| | | | | CARDAMOM SEED, OIL | FEMA 2241 |
| | | | | CARROT, OIL | FEMA 2244 |
| | | | | CASCARILLA BARK, OIL | FEMA 2255 |
| | | | | CASSIA | FEMA 2256 |
| | | | | CASSIA BARK, EXTRACT | FEMA 2257 |
| | | | | CASSIA BARK, OIL | FEMA 2258 |
| | | | | CASTOREUM, EXTRACT | FEMA 2261 |
| | | | | CASTOREUM, LIQUID | FEMA 2262 |
| | | | | CAYENNE | FEMA 2266 |
| | | | | CELERY SEED, EXTRACT | FEMA 2269 |
| | | | | CELERY SEED, EXT SOLID | FEMA 2270 |
| | | | | CELERY SEED, OIL | FEMA 2271 |
| | | | | CHAMOMILE FLOWER OIL, ENG | FEMA 2272 |
| | | | | CHAMOMILE FLOWER OIL, HUN | FEMA 2273 |
| | | | | CHAMOMILE FLOWER EXT, ROM | FEMA 2274 |
| | | | | CHAMOMILE FLOWER OIL, ROM | FEMA 2275 |
| | | | | CHERRY BARK, WILD, EXT | FEMA 2276 |
| | | | | CHERVIL | FEMA 2279 |
| | | | | CHICORY, EXTRACT | FEMA 2280 |
| | | | | CINNAMON | FEMA 2289 |
| | | | | CINNAMON BARK, EXT | FEMA 2290 |
| | | | | CINNAMON BARK, OIL | FEMA 2291 |
| | | | | CINNAMON LEAF, OIL | FEMA 2292 |
| | | | | CITRONELLA, OIL | FEMA 2308 |
| | | | | CIVET, ABSOLUTE | FEMA 2319 |
| | | | | CLARY, OIL | FEMA 2321 |
| | | | | CLOVE BUD, EXTRACT | FEMA 2322 |
| | | | | CLOVE BUD, OIL | FEMA 2323 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | CLOVE BUD, OLEORESIN | FEMA 2324 |
| | | | | CLOVE LEAF, OIL | FEMA 2325 |
| | | | | CLOVER TOP RED, EXT SOLID | FEMA 2326 |
| | | | | CLOVES | FEMA 2327 |
| | | | | CLOVE STEM, OIL | FEMA 2328 |
| | | | | COCA LEAF, EXTRACT | FEMA 2329 |
| | | | | COGNAC, GREEN, OIL | FEMA 2331 |
| | | | | COGNAC, WHITE, OIL | FEMA 2332 |
| | | | | CORIANDER | FEMA 2333 |
| | | | | CORIANDER, OIL | FEMA 2334 |
| | | | | CORN SILK | FEMA 2335 |
| | | | | CUMIN, OIL | FEMA 2343 |
| | | | | CURACO PEEL, EXT | FEMA 2344 |
| | | | | CURACAO PEEL, OIL | FEMA 2345 |
| | | | | DANDELION, FLUID EXT | FEMA 2357 |
| | | | | DANDELION ROOT, EXT SOLID | FEMA 2358 |
| | | | | DILL, OIL | FEMA 2383 |
| | | | | DOGGRASS, EXTRACT | FEMA 2403 |
| | | | | ELDER FLOWERS | FEMA 2406 |
| | | | | ESTRAGON, OIL | FEMA 2412 |
| | | | | FENNEL, SWEET | FEMA 2462 |
| | | | | FENNEL, SWEET, OIL | FEMA 2483 |
| | | | | FENUGREEK | FEMA 2484 |
| | | | | FENUGREEK, EXTRACT | FEMA 2485 |
| | | | | FENUGREEK, OLEORESIN | FEMA 2486 |
| | | | | GALANGAL ROOT, EXTRCT | FEMA 2499 |
| | | | | GALANGAL ROOT, OIL | FEMA 2500 |
| | | | | GARLIC, OIL | FEMA 2503 |
| | | | | GERANIUM, ROSE, OIL | FEMA 2508 |
| | | | | GINGER, EXTRACT | FEMA 2521 |
| | | | | GINGER, OIL | FEMA 2522 |
| | | | | GINGER, OLEORESIN | FEMA 2523 |
| | | | | GLYCYRRHIZIN, AMMONIATED | FEMA 2528 |
| | | | | GRAPEFRUIT, OIL | FEMA 2530 |
| | | | | HOPS, EXTRACT | FEMA 2578 |
| | | | | HOPS, EXTRACT SOLID | FEMA 2579 |
| | | | | HOPS, OIL | FEMA 2580 |
| | | | | HOREHOUND, EXTRACT | FEMA 2581 |
| | | | | HYSSOP, EXTRACT | FEMA 2590 |
| | | | | HYSSOP, OIL | FEMA 2591 |
| | | | | IMMORTELLE, EXTRACT | FEMA 2592 |
| | | | | JASMINE, ABSOLUTE | FEMA 2598 |
| | | | | JASMINE, CONCRETE | FEMA 2599 |
| | | | | JASMINE, OIL | FEMA 2600 |
| | | | | JASMINE, SPIRITUS | FEMA 2601 |
| | | | | JUNIPER, EXTRACT | FEMA 2603 |
| | | | | JUNIPER, OIL | FEMA 2604 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | KOLA NUT, EXTRACT | | FEMA 2607 |
| | | | | LAVANDIN, OIL | | FEMA 2618 |
| | | | | LAVENDER, ABSOLUTE | | FEMA 2620 |
| | | | | LAVENDER, CONCRETE | | FEMA 2621 |
| | | | | LAVENDER, OIL | | FEMA 2622 |
| | | | | LEMON, EXTRACT | | FEMA 2623 |
| | | | | LEMON-GRASS, OIL | | FEMA 2624 |
| | | | | LEMON, OIL | | FEMA 2625 |
| | | | | LEMON OIL, TERP/LESS | | FEMA 2626 |
| | | | | LICORICE, EXTRACT | | FEMA 2628 |
| | | | | LICORICE, EXT POWDER | | FEMA 2629 |
| | | | | LICORICE ROOT | NAS 0564 | FEMA 2630 |
| | | | | LIME, OIL | | FEMA 2631 |
| | | | | LIME OIL, TERPENELESS | | FEMA 2632 |
| | | | | MACE, OIL | | FEMA 2653 |
| | | | | MACE, OLEORESIN | | FEMA 2654 |
| | | | | MANDARIN, OIL | | FEMA 2657 |
| | | | | MARIGOLD, POT | | FEMA 2658 |
| | | | | MARJORAM, OLEORESIN | | FEMA 2659 |
| | | | | MARJORAM, SWEET, OIL | | FEMA 2663 |
| | | | | MENTHOL | | FEMA 2665 |
| | | | | MENTHYL ACETATE | | FEMA 2668 |
| | | | | MUSK TONQUIN | | FEMA 2759 |
| | | | | NEROLI BIGARDE, OIL | | FEMA 2771 |
| | | | | NUTMEG, OIL | | FEMA 2793 |
| | | | | ONION, OIL | | FEMA 2817 |
| | | | | ORANGE BLOSSOMS, ABS | | FEMA 2818 |
| | | | | ORANGE FLOWERS | | FEMA 2819 |
| | | | | ORANGE LEAF, ABSOLUTE | | FEMA 2820 |
| | | | | ORANGE OIL | NAS 0493 | FEMA 2821 |
| | | | | ORANGE, OIL, TERPENELESS | | FEMA 2822 |
| | | | | ORANGE PEEL, BITTER, OIL | | FEMA 2823 |
| | | | | ORANGE PEEL, SWEET, EXT | | FEMA 2824 |
| | | | | ORANGE PEEL, SWEET, OIL | | FEMA 2825 |
| | | | | ORNGPL OIL SWEET TERP/LES | | FEMA 2826 |
| | | | | ORIGANUM, OIL | | FEMA 2828 |
| | | | | PALMAROSA, OIL | | FEMA 2831 |
| | | | | PAPRIKA, OLEORESIN | | FEMA 2834 |
| | | | | PARSLEY, OIL | | FEMA 2836 |
| | | | | PARSLEY, OLEORESIN | | FEMA 2837 |
| | | | | PEPPER, BLACK | | FEMA 2844 |
| | | | | PEPPER, BLACK, OIL | | FEMA 2845 |
| | | | | PEPPER, BLACK, OLEORES | | FEMA 2846 |
| | | | | PEPPERMINT, OIL | | FEMA 2848 |
| | | | | PEPPER, WHITE, OIL | | FEMA 2851 |
| | | | | PEPPER, WHITE, OLEORES | | FEMA 2852 |
| | | | | PETITGRAIN, LEMON, OIL | | FEMA 2853 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | PETITGRAIN, MAND, OIL | | FEMA 2854 |
| | | | | PETITGRAIN, OIL | | FEMA 2855 |
| | | | | PIMENTA LEAF, OIL | | FEMA 2901 |
| | | | | PIPSISSEWA LEAVES, EXT | | FEMA 2914 |
| | | | | ROSE, ABSOLUTE | | FEMA 2988 |
| | | | | ROSE BULG/TRUE OTTO, OIL | | FEMA 2989 |
| | | | | ROSEMARY, OIL | | FEMA 2992 |
| | | | | ROSE WATER, STRONGER | | FEMA 2993 |
| | | | | RUE | | FEMA 2994 |
| | | | | RUE, OIL | | FEMA 2995 |
| | | | | SAFFRON | | FEMA 2998 |
| | | | | SAFFRON, EXTRACT | | FEMA 2999 |
| | | | | SAGE, OIL | | FEMA 3001 |
| | | | | SAGE, SPANISH, OIL | | FEMA 3003 |
| | | | | SAVORY, SUMMER, OIL | | FEMA 3013 |
| | | | | SAVORY, SUMMER, OLEORE | | FEMA 3014 |
| | | | | SAVORY, WINTER, OIL | | FEMA 3016 |
| | | | | SAVORY, WINTER, OLEORE | | FEMA 3017 |
| | | | | SCHINUS MULLE, OIL | | FEMA 3018 |
| | | | | SLOE BERRIES, EXTRACT | | FEMA 3021 |
| | | | | SLOE BERRIES, EXT SOLID | | FEMA 3022 |
| | | | | SPEARMINT, OIL | | FEMA 3032 |
| | | | | SPIKE LAVENDER, OIL | | FEMA 3033 |
| | | | | TANGERINE, OIL | | FEMA 3041 |
| | | | | TARRAGON | | FEMA 3043 |
| | | | | THYME, OIL | | FEMA 3064 |
| | | | | THYME, WHITE, OIL | | FEMA 3065 |
| | | | | TUBEROSE, OIL | | FEMA 3084 |
| | | | | VANILLA | NAS 0433 | FEMA 3104 |
| | | | | VANILLA EXTRACT | NAS 0482 | FEMA 3105 |
| | | | | VANILLA, OLEORESIN | | FEMA 3106 |
| | | | | VIOLET LEAVES, ABSOL | | FEMA 3110 |
| | | | | YLANG YLANG, OIL | | FEMA 3119 |
| | | | | COCOA EXTRACT | | FEMA 3278 |
| | | | | COFFEE, EXTRACT | | FEMA 3279 |
| | | | | HICKORY, SMOKE, DIST | | FEMA 3320 |
| | | | | LUPULIN | | FEMA 3332 |
| | | | | MALT, EXTRACT | | FEMA 3334 |
| | | | | MATE LEAVES | | FEMA 3336 |
| | | | | TAMARIND, EXTRACT | | FEMA 3395 |
| | | | | TEA, EXTRACT | | FEMA 3397 |
| | | | | ACETALDEHYDE | NAS 0448 | FEMA 2003 |
| | | | | ACETOIN | NAS 0363 | FEMA 2008 |
| | | | | ACONITIC ACID | | FEMA 2010 |
| | | | | ANETHOLE | | FEMA 2086 |
| | | | | BENZALDEHYDE | NAS 0367 | FEMA 2127 |
| | | | | N-BUTYRIC ACID | NAS 0337 | FEMA 2221 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | TRIBUTYRIN | | FEMA 2223 |
| | | | | CARVONE | | FEMA 2249 |
| | | | | CINNAMALDEHYDE | | FEMA 2286 |
| | | | | CINNAMALDE ETHYLENE GLYCOL | | FEMA 2287 |
| | | | | CITRAL | | FEMA 2303 |
| | | | | DECANAL | | FEMA 2362 |
| | | | | DIACETYL | | FEMA 2370 |
| | | | | ETHYL ACETATE | NAS 0449 | FEMA 2414 |
| | | | | ETHYL BUTYRATE | | FEMA 2427 |
| | | | | ETHYL METHYLPHENYLGLYCIDA | | FEMA 2444 |
| | | | | ETHYL VANILLIN | | FEMA 2464 |
| | | | | EUGENOL | | FEMA 2467 |
| | | | | GERANIOL | | FEMA 2507 |
| | | | | GERANYL ACETATE | | FEMA 2509 |
| | | | | /E/-LIMONENE | | FEMA 2633 |
| | | | | LINALOOL | | FEMA 2635 |
| | | | | LINALYL ACETATE | | FEMA 2636 |
| | | | | METHYL ANTHRANILATE | NAS 0563 | FEMA 2682 |
| | | | | PIPERONAL | | FEMA 2911 |
| | | | | GLYCEROL TRIBUTYRATE | | FEMA 3308 |
| | | | | ALOE, EXTRACT | | FEMA 2047 |
| | | | | ALTHEA ROOT | | FEMA 2048 |
| | | | | BALSAM FIR, OIL | | FEMA 2114 |
| | | | | BALSAM FIR, OLEORESIN | | FEMA 2115 |
| | | | | BENZOIN, RESIN | | FEMA 2133 |
| | | | | BLACKBERRY BARK, EXT | | FEMA 2155 |
| | | | | BORONIA, ABSOLUTE | | FEMA 2167 |
| | | | | BUCHU LEAVES, OIL | | FEMA 2169 |
| | | | | CAJEPUT, OIL | | FEMA 2225 |
| | | | | CAMPHOR, JAP, WHITE, OIL | | FEMA 2231 |
| | | | | CASCARA BITTERLESS, EXT | | FEMA 2253 |
| | | | | CASSIE, ABSOLUTE | | FEMA 2260 |
| | | | | CASTOR, OIL | | FEMA 2263 |
| | | | | CATECHU, EXTRACT | | FEMA 2264 |
| | | | | CATECHU, POWDER | | FEMA 2265 |
| | | | | CEDAR LEAF, OIL | | FEMA 2267 |
| | | | | CHERRY LAUREL OIL, FFPA | | FEMA 2277 |
| | | | | CHERRY PITS, EXTRACT | | FEMA 2278 |
| | | | | CINCHONA BARK, RED, EXT | | FEMA 2282 |
| | | | | CINCHONA, EXTRACT | | FEMA 2285 |
| | | | | COSTUS ROOT, OIL | | FEMA 2336 |
| | | | | CUBEBS, OIL | | FEMA 2339 |
| | | | | CURRANT BUDS, BLACK, ABS | | FEMA 2346 |
| | | | | DAVANA, OIL | | FEMA 2359 |
| | | | | ELEMI, GUM | | FEMA 2407 |
| | | | | ELEMI, OIL | | FEMA 2408 |
| | | | | EUCALYPTUS, OIL | | FEMA 2466 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | GALBANUM, OIL | FEMA 2501 |
| | | | | GALBANUM, RESIN | FEMA 2502 |
| | | | | GENET, ABSOLUTE | FEMA 2504 |
| | | | | GENET, EXTRACT | FEMA 2505 |
| | | | | GENTIAN ROOT, EXTRACT | FEMA 2506 |
| | | | | GUAIAC WOOD, EXTRACT | FEMA 2533 |
| | | | | GUAIAC WOOD, OIL | FEMA 2534 |
| | | | | GUARANA, GUM | FEMA 2536 |
| | | | | LABDANUM, ABSOLUTE | FEMA 2608 |
| | | | | LABDANUM, OIL | FEMA 2609 |
| | | | | LABDANUM, OLEORESIN | FEMA 2610 |
| | | | | LINALOE WOOD, OIL | FEMA 2634 |
| | | | | LOVAGE | FEMA 2649 |
| | | | | LOVAGE, EXTRACT | FEMA 2650 |
| | | | | LOVAGE, OIL | FEMA 2651 |
| | | | | MIMOSA, ABSOLUTE | FEMA 2755 |
| | | | | MT MAPLE, EXT SOLID | FEMA 2757 |
| | | | | MYRRH, OIL | FEMA 2766 |
| | | | | OAK CHIPS, EXTRACT | FEMA 2794 |
| | | | | OAK MOSS, ABSOLUTE | FEMA 2795 |
| | | | | OLIBANUM, OIL | FEMA 2816 |
| | | | | ORRIS, CONCRETE, LIQ/OIL | FEMA 2829 |
| | | | | ORRIS ROOT EXTRACT | FEMA 2830 |
| | | | | PATCHOULY, OIL | FEMA 2838 |
| | | | | PENNYROYAL, OIL | FEMA 2839 |
| | | | | PINE NEED, DWARF, OIL | FEMA 2904 |
| | | | | PINE, SCOTCH, OIL | FEMA 2906 |
| | | | | QUASSIA, EXTRACT | FEMA 2971 |
| | | | | QUEBRACHO BARK, EXTRACT | FEMA 2972 |
| | | | | QUILLAJA | NAS 0399 FEMA 2973 |
| | | | | RHATANY, EXTRACT | FEMA 2979 |
| | | | | SANDALWOOD, YELLOW, OIL | FEMA 3005 |
| | | | | SARSAPARILLA, EXTRACT | FEMA 3009 |
| | | | | SNAKEROOT, CANADIAN, OIL | FEMA 3023 |
| | | | | SPRUCE, OIL | FEMA 3034 |
| | | | | STORAX | FEMA 3036 |
| | | | | STYRAX, EXTRACT | FEMA 3037 |
| | | | | TAGETES, OIL | FEMA 3040 |
| | | | | TOLU, BALSAM, EXTRACT | FEMA 3069 |
| | | | | TOLU, BALSAM, GUM | FEMA 3070 |
| | | | | TURPENTINE, STEAM DIS | FEMA 3089 |
| | | | | VALERIAN ROOT, EXTR | FEMA 3099 |
| | | | | VALERIAN ROOT, OIL | FEMA 3100 |
| | | | | WALNUT HULL, EXTRACT | FEMA 3111 |
| | | | | WORMWOOD, EXTRACT | FEMA 3115 |
| | | | | WORMWOOD, OIL | FEMA 3116 |
| | | | | AMYRIS | FEMA 3254 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | ARNICA, FLOWERS | FEMA 3256 |
| | | | | COPAIBA | FEMA 3280 |
| | | | | DAMIANA, LEAVES | FEMA 3288 |
| | | | | ELECAMPANE, RIEIZ/ROOT | FEMA 3294 |
| | | | | GENTIAN, STEMLESS | FEMA 3304 |
| | | | | LEMON, VERBENA | FEMA 3327 |
| | | | | LUNGMOSS (LUNGWORT) | FEMA 3331 |
| | | | | OPOPANAX | FEMA 3365 |
| | | | | RHUBARB, ROOT | FEMA 3382 |
| | | | | ROSELLE | FEMA 3383 |
| | | | | ST. JOHNSWORT | FEMA 3385 |
| | | | | SERPENTARIA | FEMA 3389 |
| | | | | SIMARUBA, BARK | FEMA 3390 |
| | | | | VERVAIN, EUROPEAN | FEMA 3405 |
| | | | | VETIVER | FEMA 3406 |
| | | | | VIOLET, SWISS | FEMA 3407 |
| | | | | WOODRUFF, SWEET | FEMA 3408 |
| | | | | ACETAL | FEMA 2002 |
| | | | | ACETALDEHYDE PHENETHYL PR | FEMA 2004 |
| | | | | ACETANISOLE | FEMA 2005 |
| | | | | ACETOPHENONE | FEMA 2009 |
| | | | | ALLYL ANTHRANILATE | FEMA 2020 |
| | | | | ALLYL BUTYRATE | FEMA 2021 |
| | | | | ALLYL CINNAMATE | FEMA 2022 |
| | | | | ALLYL CYCLOHEXANEACETATE | FEMA 2023 |
| | | | | ALLYL CYCLOHEXANEBUTYRATE | FEMA 2024 |
| | | | | ALLYL CYCLOHEXANEHEXANOAT | FEMA 2025 |
| | | | | ALLYL CYCLOHEXANEPROPIONA | FEMA 2026 |
| | | | | ALLYL CYCLOHEXANEVALERATE | FEMA 2027 |
| | | | | DIALLYL DISULFIDE | FEMA 2028 |
| | | | | ALLYL 2-ETHYLBUTYRATE | FEMA 2029 |
| | | | | ALLYL HEXANOATE | FEMA 2032 |
| | | | | ALLYL A&-IONONE | FEMA 2033 |
| | | | | ALLYL ISOTHIOCYANATE | FEMA 2034 |
| | | | | ALLYL MERCAPTAN | FEMA 2035 |
| | | | | ALLYL NONANOATE | FEMA 2036 |
| | | | | ALLYL OCTANOATE | FEMA 2037 |
| | | | | ALLYL PHENOXYACETATE | FEMA 2038 |
| | | | | ALLYL PHENYLACETATE | FEMA 2039 |
| | | | | ALLYL PROPIONATE | FEMA 2040 |
| | | | | ALLYL SORBATE | FEMA 2041 |
| | | | | DIALLYL SULFIDE | FEMA 2042 |
| | | | | ALLYL TIGLATE | FEMA 2043 |
| | | | | ALLYL 1-UNDECENOATE | FEMA 2044 |
| | | | | ALLYL ISOVALERATE | FEMA 2045 |
| | | | | AMMONIUM ISOVALERATE | FEMA 2054 |
| | | | | ISOAMYL ACETATE | FEMA 2055 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | AMYL ALCOHOL | FEMA 2056 |
| | | | | ISOAMYL ALCOHOL | FEMA 2057 |
| | | | | ISOAMYL BENZOATE | FEMA 2058 |
| | | | | AMYL BUTYRATE | FEMA 2059 |
| | | | | ISOAMYL BUTYRATE | FEMA 2060 |
| | | | | A&-AMYLCINNAMALDEHYDE | FEMA 2061 |
| | | | | A&-AMYLCINNAMALDEHYD DIME | FEMA 2062 |
| | | | | ISOAMYL CINNAMATE | FEMA 2063 |
| | | | | A&-AMYLCINNAMYL ACETATE | FEMA 2064 |
| | | | | A&-AMYLCINNAMYL ALCOHOL | FEMA 2065 |
| | | | | A&-AMYLCINNAMYL FORMATE | FEMA 2066 |
| | | | | A&-AMYLCINNAMYL ISOVALER | FEMA 2067 |
| | | | | AMYL FORMATE | FEMA 2068 |
| | | | | ISOAMYL FORMATE | FEMA 2069 |
| | | | | ISOAMYL 2-FURANBUTYRATE | FEMA 2070 |
| | | | | ISOAMYL 2-FURANPROPIONATE | FEMA 2071 |
| | | | | AMYL HEPTANOATE | FEMA 2073 |
| | | | | AMYL HEXANOATE | FEMA 2074 |
| | | | | ISOAMYL HEXANOATE | FEMA 2075 |
| | | | | ISOAMYL LAURATE | FEMA 2077 |
| | | | | ISOAMYL NONANOATE | FEMA 2078 |
| | | | | AMYL OCTANOATE | FEMA 2079 |
| | | | | ISOAMYL OCTANOATE | FEMA 2080 |
| | | | | ISOAMYL PHENYLACETATE | FEMA 2081 |
| | | | | ISOAMYL PROPIONATE | FEMA 2082 |
| | | | | ISOAMYL PYRUVATE | FEMA 2083 |
| | | | | ISOAMYL SALICYLATE | FEMA 2084 |
| | | | | ISOAMYL ISOVALERATE | FEMA 2085 |
| | | | | ANISOLE | FEMA 2097 |
| | | | | ANISYL ACETATE | FEMA 2098 |
| | | | | ANISYL ALCOHOL | FEMA 2099 |
| | | | | ANISYL BUTYRATE | FEMA 2100 |
| | | | | ANISYL FORMATE | FEMA 2101 |
| | | | | ANISYL PROPIONATE | FEMA 2102 |
| | | | | BENZALDEHYDE DIME ACETAL | FEMA 2128 |
| | | | | BENZALD. GLYCERYL ACETAL | FEMA 2129 |
| | | | | BENZALD PROPYLENE GLYC | FEMA 2130 |
| | | | | BENZOIN | FEMA 2132 |
| | | | | BENZOPHENONE | FEMA 2134 |
| | | | | BENZYL ACETATE | FEMA 2135 |
| | | | | BENZYL ACETOACETATE | FEMA 2136 |
| | | | | BENZYL ALCOHOL | FEMA 2137 |
| | | | | BENZYL BENZOATE | FEMA 2138 |
| | | | | BENZYL BUTYL ETHER | FEMA 2139 |
| | | | | BENZYL BUTYRATE | FEMA 2140 |
| | | | | BENZYL ISOBUTYRATE | FEMA 2141 |
| | | | | BENZYL CINNAMATE | FEMA 2142 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 16 | SOFT CANDY(K) | 11 | FLAV AGNT | BENZYL 2,3-DIMETHYLCROTON | FEMA 2143 |
| | | | | BENZYL ETHYL ETHER | FEMA 2144 |
| | | | | BENZYL FORMATE | FEMA 2145 |
| | | | | 3-BENZYL-4-HEPTANONE | FEMA 2146 |
| | | | | BENZYL MERCAPTAN | FEMA 2147 |
| | | | | BENZYL METHOXYETHYL ACETA | FEMA 2148 |
| | | | | BENZYL PHENYLACETATE | FEMA 2149 |
| | | | | BENZYL PROPIONATE | FEMA 2150 |
| | | | | BENZYL SALICYLATE | FEMA 2151 |
| | | | | BENZYL ISOVALERATE | FEMA 2152 |
| | | | | BOIS DE ROSE, OIL | FEMA 2156 |
| | | | | BORNEOL | FEMA 2157 |
| | | | | ISOBORNEOL | FEMA 2158 |
| | | | | BORNYL ACETATE | FEMA 2159 |
| | | | | ISOBORNYL ACETATE | FEMA 2160 |
| | | | | BORNYL FORMATE | FEMA 2161 |
| | | | | ISOBORNYL FORMATE | FEMA 2162 |
| | | | | ISOBORNYL PROPIONATE | FEMA 2163 |
| | | | | BORNYL ISOVALERATE | FEMA 2165 |
| | | | | ISOBORNYL ISOVALERATE | FEMA 2166 |
| | | | | 2-BUTANONE | FEMA 2170 |
| | | | | BUTTER ACIDS | FEMA 2171 |
| | | | | BUTTER ESTERS | FEMA 2172 |
| | | | | BUTTER STARTER DIST | FEMA 2173 |
| | | | | BUTYL ACETATE | FEMA 2174 |
| | | | | ISOBUTYL ACETATE | FEMA 2175 |
| | | | | BUTYL ACETOACETATE | FEMA 2176 |
| | | | | ISOBUTYL ACETOACETATE | FEMA 2177 |
| | | | | BUTYL ALCOHOL | FEMA 2178 |
| | | | | ISOBUTYL ALCOHOL | FEMA 2179 |
| | | | | ISOBUTYL ANGELATE | FEMA 2180 |
| | | | | BUTYL ANTHRANILATE | FEMA 2181 |
| | | | | ISOBUTYL ANTHRANILATE | FEMA 2182 |
| | | | | ISOBUTYL BENZOATE | FEMA 2185 |
| | | | | BUTYL BUTYRATE | FEMA 2186 |
| | | | | ISOBUTYL BUTYRATE | FEMA 2187 |
| | | | | BUTYL ISOBUTYRATE | FEMA 2188 |
| | | | | ISOBUTYL ISOBUTYRATE | FEMA 2189 |
| | | | | BUTYL BUTYRYLLACTATE | FEMA 2190 |
| | | | | AL-BUTYLCINNAMALDEHYDE | FEMA 2191 |
| | | | | BUTYL CINNAMATE | FEMA 2192 |
| | | | | ISOBUTYL CINNAMATE | FEMA 2193 |
| | | | | BUTYL 2-DECENOATE | FEMA 2194 |
| | | | | BUTYL ETHYL MALONATE | FEMA 2195 |
| | | | | BUTYL FORMATE | FEMA 2196 |
| | | | | ISOBUTYL FORMATE | FEMA 2197 |
| | | | | ISOBUTYL 2-FURANPROPIONAT | FEMA 2198 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | BUTYL HEPTANOATE | FEMA 2199 |
| | | | | ISOBUTYL HEPTANOATE | FEMA 2200 |
| | | | | BUTYL HEXANOATE | FEMA 2201 |
| | | | | ISOBUTYL HEXANOATE | FEMA 2202 |
| | | | | BUTYL LACTATE | FEMA 2205 |
| | | | | BUTYL LAURATE | FEMA 2206 |
| | | | | BUTYL LEVULINATE | FEMA 2207 |
| | | | | AE-ISOBUTYLPHENETHYL ALCO | FEMA 2208 |
| | | | | BUTYL PHENYLACETATE | FEMA 2209 |
| | | | | ISOBUTYL PHENYLACETATE | FEMA 2210 |
| | | | | BUTYL PROPIONATE | FEMA 2211 |
| | | | | ISOBUTYL PROPIONATE | FEMA 2212 |
| | | | | ISOBUTYL SALICYLATE | FEMA 2213 |
| | | | | BUTYL STEARATE | FEMA 2214 |
| | | | | DIBUTYL SULFIDE | FEMA 2215 |
| | | | | BUTYL 10-UNDECENOATE | FEMA 2216 |
| | | | | BUTYL VALERATE | FEMA 2217 |
| | | | | BUTYL ISOVALERATE | FEMA 2218 |
| | | | | BUTYRALDEHYDE | FEMA 2219 |
| | | | | ISOBUTYRALDEHYDE | FEMA 2220 |
| | | | | ISOBUTYRIC ACID | FEMA 2222 |
| | | | | CAMPHENE | FEMA 2229 |
| | | | | /E/-CAMPHOR | FEMA 2230 |
| | | | | CARVACROL | FEMA 2245 |
| | | | | CARVACRYL ETHYL ETHER | FEMA 2246 |
| | | | | CARVEOL | FEMA 2247 |
| | | | | 4-CARVOMENTHENOL | FEMA 2248 |
| | | | | CARVYL ACETATE | FEMA 2250 |
| | | | | CARVYL PROPIONATE | FEMA 2251 |
| | | | | BE-CARYOPHYLLENE | FEMA 2252 |
| | | | | CINNAMIC ACID | FEMA 2288 |
| | | | | CINNAMYL ACETATE | FEMA 2293 |
| | | | | CINNAMYL ALCOHOL | FEMA 2294 |
| | | | | CINNAMYL ANTHRANILATE | FEMA 2295 |
| | | | | CINNAMYL BUTYRATE | FEMA 2296 |
| | | | | CINNAMYL ISOBUTYRATE | FEMA 2297 |
| | | | | CINNAMYL CINNAMATE | FEMA 2298 |
| | | | | CINNAMYL FORMATE | FEMA 2299 |
| | | | | CINNAMYL PHENYLACETATE | FEMA 2300 |
| | | | | CINNAMYL PROPIONATE | FEMA 2301 |
| | | | | CINNAMYL ISOVALERATE | FEMA 2302 |
| | | | | CITRAL DIETHYL ACETAL | FEMA 2304 |
| | | | | CITRAL DIMETHYL ACETAL | FEMA 2305 |
| | | | | CITRONELLAL | FEMA 2307 |
| | | | | DL-CITRONELLOL | FEMA 2309 |
| | | | | CITRONELLOXYACETALDEHYDE | FEMA 2310 |
| | | | | CITRONELLYL ACETATE | FEMA 2311 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | CITRONELLYL BUTYRATE | FEMA 2312 |
| | | | | CITRONELLYL ISOBUTYRATE | FEMA 2313 |
| | | | | CITRONELLYL FORMATE | FEMA 2314 |
| | | | | CITRONELLYL PHENYLACETATE | FEMA 2315 |
| | | | | CITRONELLYL PROPRIONATE | FEMA 2316 |
| | | | | CITRONELLYL VALERATE | FEMA 2317 |
| | | | | P@-CRESOL | FEMA 2337 |
| | | | | CUMINALDEHYDE | FEMA 2341 |
| | | | | CYCLOHEXANEACETIC ACID | FEMA 2347 |
| | | | | CYCLOHEXANE-ETHYL ACETATE | FEMA 2348 |
| | | | | CYCLOHEXYL ACETATE | FEMA 2349 |
| | | | | CYCLOHEXYL ANTHRANILATE | FEMA 2350 |
| | | | | CYCLOHEXYL BUTYRATE | FEMA 2351 |
| | | | | CYCLOHEXYL CINNAMATE | FEMA 2352 |
| | | | | CYCLOHEXYL FORMATE | FEMA 2353 |
| | | | | CYCLOHEXYL PROPIONATE | FEMA 2354 |
| | | | | CYCLOHEXYL ISOVALERATE | FEMA 2355 |
| | | | | P@-CYMENE | FEMA 2356 |
| | | | | G&-DECALACTONE | FEMA 2360 |
| | | | | D&-DECALACTONE | FEMA 2361 |
| | | | | DECANAL DIMETHYL ACETAL | FEMA 2363 |
| | | | | 1-DECANOL | FEMA 2365 |
| | | | | 2-DECENAL | FEMA 2366 |
| | | | | DECYL ACETATE | FEMA 2367 |
| | | | | DECYL BUTYRATE | FEMA 2368 |
| | | | | DECYL PROPIONATE | FEMA 2369 |
| | | | | DIBENZYL ETHER | FEMA 2371 |
| | | | | 4,4-DIBUTYL-G&-BUTYROLACT | FEMA 2372 |
| | | | | DIBUTYL SEBACATE | FEMA 2373 |
| | | | | DIETHYL MALATE | FEMA 2374 |
| | | | | DIETHYL MALONATE | FEMA 2375 |
| | | | | DIETHYL SEBACATE | FEMA 2376 |
| | | | | DIETHYL SUCCINATE | FEMA 2377 |
| | | | | DIHYDROCARVEOL | FEMA 2379 |
| | | | | DIHYDROCARVYL ACETATE | FEMA 2380 |
| | | | | M@-DIMETHOXYBENZENE | FEMA 2385 |
| | | | | P@-DIMETHOXYBENZENE | FEMA 2386 |
| | | | | 2,4-DIMETHYLACETOPHENONE | FEMA 2387 |
| | | | | A&-DIMETHYLBENZYL ISOBUTY | FEMA 2388 |
| | | | | 2,6-DIMETHYL-5-HEPTENAL | FEMA 2389 |
| | | | | 2,6-DIMETHYLOCTANAL | FEMA 2390 |
| | | | | A&-DIMETHYLPHENETHYL ACET | FEMA 2392 |
| | | | | A&-DIMETHYLPHENETHYL ALCO | FEMA 2393 |
| | | | | A&-DIMETHYLPHENETHYL BUTY | FEMA 2394 |
| | | | | A&-DIMETHYLPHENETHYL FORM | FEMA 2395 |
| | | | | DIMETHYL SUCCINATE | FEMA 2396 |
| | | | | 1,3-DIPHENYL PROPANONE-2 | FEMA 2397 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | G&-DODECALACTONE | FEMA 2400 |
| | | | | D&-DODECALACTONE | FEMA 2401 |
| | | | | 2-DODECENAL | FEMA 2402 |
| | | | | ESTRAGOLE | FEMA 2411 |
| | | | | P@-ETHOXYBENZALDEHYDE | FEMA 2413 |
| | | | | ETHYL ACETOACETATE | FEMA 2415 |
| | | | | ETHYL 2-ACETYL-3-PHENYLPR | FEMA 2416 |
| | | | | ETHYL ACONITATE | FEMA 2417 |
| | | | | ETHYL ACRYLATE | FEMA 2418 |
| | | | | ETHYL P@-ANISATE | FEMA 2420 |
| | | | | ETHYL ANTHRANILATE | FEMA 2421 |
| | | | | ETHYL BENZOATE | FEMA 2422 |
| | | | | ETHYL BENZOYLACETATE | FEMA 2423 |
| | | | | A&-ETHYLBENZYL BUTYRATE | FEMA 2424 |
| | | | | 2-ETHYLBUTYL ACETATE | FEMA 2425 |
| | | | | 2-ETHYLBUTYRALDEHYDE | FEMA 2426 |
| | | | | ETHYL ISOBUTYRATE | FEMA 2428 |
| | | | | 2-ETHYLBUTYRIC ACID | FEMA 2429 |
| | | | | ETHYL CINNAMATE | FEMA 2430 |
| | | | | ETHYL CYCLOHEXANEPROPIONA | FEMA 2431 |
| | | | | ETHYL DECANOATE | FEMA 2432 |
| | | | | ETHYL 2-FURANPROPIONATE | FEMA 2435 |
| | | | | 4-ETHYLGUAIACOL | FEMA 2436 |
| | | | | ETHYL HEPTANOATE | FEMA 2437 |
| | | | | 2-ETHYL-2-HEPTENAL | FEMA 2438 |
| | | | | ETHYL HEXANOATE | FEMA 2439 |
| | | | | ETHYL LACTATE | FEMA 2440 |
| | | | | ETHYL LAURATE | FEMA 2441 |
| | | | | ETHYL LEVULINATE | FEMA 2442 |
| | | | | ETHYL 2-METHYLBUTYRATE | FEMA 2443 |
| | | | | ETHYL MYRISTATE | FEMA 2445 |
| | | | | ETHYL NITRITE | FEMA 2446 |
| | | | | ETHYL NONANOATE | FEMA 2447 |
| | | | | ETHYL 2-NONYNOATE | FEMA 2448 |
| | | | | ETHYL OCTANOATE | FEMA 2449 |
| | | | | ETHYL OLEATE | FEMA 2450 |
| | | | | ETHYL PHENYLACETATE | FEMA 2452 |
| | | | | ETHYL 4-PHENYLBUTYRATE | FEMA 2453 |
| | | | | ETHYL 3-PHENYLGLYCIDATE | FEMA 2454 |
| | | | | ETHYL 3-PHENYLPROPIONATE | FEMA 2455 |
| | | | | ETHYL PROPIONATE | FEMA 2456 |
| | | | | ETHYL PYRUVATE | FEMA 2457 |
| | | | | ETHYL SALICYLATE | FEMA 2458 |
| | | | | ETHYL TIGLATE | FEMA 2460 |
| | | | | ETHYL 10-UNDECENOATE | FEMA 2461 |
| | | | | ETHYL VALERATE | FEMA 2462 |
| | | | | ETHYL ISOVALERATE | FEMA 2463 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | EUCALYPTOL | FEMA 2465 |
| | | | | ISOEUGENOL | FEMA 2468 |
| | | | | EUGENYL ACETATE | FEMA 2469 |
| | | | | ISOEUGENYL ACETATE | FEMA 2470 |
| | | | | EUGENYL BENZOATE | FEMA 2471 |
| | | | | ISOEUGENYL ETHYL ETHER | FEMA 2472 |
| | | | | EUGENYL FORMATE | FEMA 2473 |
| | | | | ISOEUGENYL FORMATE | FEMA 2474 |
| | | | | EUGENYL METHYL ETHER | FEMA 2475 |
| | | | | ISOEUGENYL METHYL ETHER | FEMA 2476 |
| | | | | ISOEUGENYL PHENYLACETATE | FEMA 2477 |
| | | | | FARNESOL | FEMA 2478 |
| | | | | /&/-FENCHONE | FEMA 2479 |
| | | | | FENCHYL ALCOHOL | FEMA 2480 |
| | | | | FORMIC ACID | FEMA 2487 |
| | | | | /2-FURYL/-2-PROPANONE | FEMA 2496 |
| | | | | ISOAMYL FUSEL OIL | FEMA 2497 |
| | | | | GERANYL ACETOACETATE | FEMA 2510 |
| | | | | GERANYL BENZOATE | FEMA 2511 |
| | | | | GERANYL BUTYRATE | FEMA 2512 |
| | | | | GERANYL ISOBUTYRATE | FEMA 2513 |
| | | | | GERANYL FORMATE | FEMA 2514 |
| | | | | GERANYL HEXANOATE | FEMA 2515 |
| | | | | GERANYL PHENYLACETATE | FEMA 2516 |
| | | | | GERANYL PROPIONATE | FEMA 2517 |
| | | | | GERANYL ISOVALERATE | FEMA 2518 |
| | | | | GUAIACOL | FEMA 2532 |
| | | | | GUAIACYL PHENYLACETATE | FEMA 2535 |
| | | | | G&-HEPTALACTONE | FEMA 2539 |
| | | | | HEPTANAL | FEMA 2540 |
| | | | | HEPTANAL DIMETHYL ACETAL | FEMA 2541 |
| | | | | HEPTANAL GLYCERYL ACETAL | FEMA 2542 |
| | | | | 2,3-HEPTANEDIONE | FEMA 2543 |
| | | | | 2-HEPTANONE | FEMA 2544 |
| | | | | 3-HEPTANONE | FEMA 2545 |
| | | | | 4-HEPTANONE | FEMA 2546 |
| | | | | HEPTYL ACETATE | FEMA 2547 |
| | | | | HEPTYL ALCOHOL | FEMA 2548 |
| | | | | HEPTYL BUTYRATE | FEMA 2549 |
| | | | | HEPTYL ISOBUTYRATE | FEMA 2550 |
| | | | | HEPTYL CINNAMATE | FEMA 2551 |
| | | | | HEPTYL FORMATE | FEMA 2552 |
| | | | | HEPTYL OCTANOATE | FEMA 2553 |
| | | | | W&-6-HEXADECENLACTONE | FEMA 2555 |
| | | | | G&-HEXALACTONE | FEMA 2556 |
| | | | | HEXANAL | FEMA 2557 |
| | | | | 2,3-HEXANEDIONE | FEMA 2558 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | HEXANOIC ACID | FEMA 2559 |
| | | | | 2-HEXENAL | FEMA 2560 |
| | | | | 2-HEXENOL-1 | FEMA 2562 |
| | | | | 3-HEXENOL-1 | FEMA 2563 |
| | | | | 2-HEXENYL ACETATE | FEMA 2564 |
| | | | | HEXYL ACETATE | FEMA 2565 |
| | | | | HEXYL ALCOHOL | FEMA 2567 |
| | | | | HEXYL BUTYRATE | FEMA 2568 |
| | | | | A&-HEXYLCINNAMALDEHYDE | FEMA 2569 |
| | | | | HEXYL FORMATE | FEMA 2570 |
| | | | | HEXYL HEXANOATE | FEMA 2572 |
| | | | | 2-HEXYLIDENECYCLOPENTANON | FEMA 2573 |
| | | | | HEXYL OCTANOATE | FEMA 2575 |
| | | | | HEXYL PROPIONATE | FEMA 2576 |
| | | | | HYDROXYCITRONELLAL | FEMA 2583 |
| | | | | HYDROXYCITRONELLAL DIETHY | FEMA 2584 |
| | | | | HYDROXYCITRONELLAL DIMETH | FEMA 2585 |
| | | | | HYDROXYCITRONELLOL | FEMA 2586 |
| | | | | 5-HYDROXY-4-OCTANONE | FEMA 2587 |
| | | | | 4-P-HYDROXYPHEN-BUTANONE | FEMA 2588 |
| | | | | INDOLE | FEMA 2593 |
| | | | | A&-IONONE | FEMA 2594 |
| | | | | B&-IONONE | FEMA 2595 |
| | | | | A&-IRONE | FEMA 2597 |
| | | | | LAURIC ALDEHYDE | FEMA 2615 |
| | | | | LAURYL ACETATE | FEMA 2616 |
| | | | | LAURYL ALCOHOL | FEMA 2617 |
| | | | | LEVULINIC ACID | FEMA 2627 |
| | | | | LINALYL ANTHRANILATE | FEMA 2637 |
| | | | | LINALYL BENZOATE | FEMA 2638 |
| | | | | LINALYL BUTYRATE | FEMA 2639 |
| | | | | LINALYL ISOBUTYRATE | FEMA 2640 |
| | | | | LINALYL CINNAMATE | FEMA 2641 |
| | | | | LINALYL FORMATE | FEMA 2642 |
| | | | | LINALYL HEXANOATE | FEMA 2643 |
| | | | | LINALYL OCTANOATE | FEMA 2644 |
| | | | | LINALYL PROPIONATE | FEMA 2645 |
| | | | | LINALYL ISOVALERATE | FEMA 2646 |
| | | | | MALTOL | FEMA 2656 |
| | | | | P&-MENTHA-1,8-DIENOL-7 | FEMA 2664 |
| | | | | /&/-NEOMENTHOL | FEMA 2666 |
| | | | | MENTHONE | FEMA 2667 |
| | | | | MENTHYL ISOVALERATE | FEMA 2669 |
| | | | | P&-METHOXYBENZALDEHYDE | FEMA 2670 |
| | | | | 2-METHOXY-4-METHYLPHENOL | FEMA 2671 |
| | | | | 4-P-METHOXYPHENY-BUTANONE | FEMA 2672 |
| | | | | 1-P-METHOXYPHEN-1-PENTENO | FEMA 2673 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | FOOD CATEGORY NAME | TECHNICAL EFFECT NO. | TECHNICAL EFFECT NAME | SUBSTANCE NAME | SUBSTANCE SURVEY NO. |
|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | 1-P-METHOXYPHEN-PROPANONE | FEMA 2674 |
| | | | | 2-METHOXY-4-VINYLPHENOL | FEMA 2675 |
| | | | | METHYL ACETATE | FEMA 2676 |
| | | | | P@-METHYL ACETOPHENONE | FEMA 2677 |
| | | | | 2-METHYLALLYL BUTYRATE | FEMA 2678 |
| | | | | METHYL ANISATE | FEMA 2679 |
| | | | | O@-METHYLANISOLE | FEMA 2680 |
| | | | | P@-METHYLANISOLE | FEMA 2681 |
| | | | | METHYL BENZOATE | FEMA 2683 |
| | | | | A&-METHYLBENZYL ACETATE | FEMA 2684 |
| | | | | A&-METHYLBENZYL ALCOHOL | FEMA 2685 |
| | | | | A&-METHYLBENZYL BUTYRATE | FEMA 2686 |
| | | | | A&-METHYLBENZYL ISOBUTYRA | FEMA 2687 |
| | | | | A&-METHYLBENZYL FORMATE | FEMA 2688 |
| | | | | A&-METHYLBENZYL PROPIONAT | FEMA 2689 |
| | | | | METHYL P&-TERT-BUTYLPHENY | FEMA 2690 |
| | | | | 2-METHYLBUTYRALDEHYDE | FEMA 2691 |
| | | | | 3-METHYLBUTYRALDEHYDE | FEMA 2692 |
| | | | | METHYL BUTYRATE | FEMA 2693 |
| | | | | METHYL ISOBUTYRATE | FEMA 2694 |
| | | | | 2-METHYLBUTYRIC ACID | FEMA 2695 |
| | | | | A&-METHYLCINNAMALDEHYDE | FEMA 2697 |
| | | | | METHYL CINNAMATE | FEMA 2698 |
| | | | | METHYLCYCLOPENTENOLONE | FEMA 2700 |
| | | | | METHYL HEPTANOATE | FEMA 2705 |
| | | | | 2-METHYLHEPTANOIC ACID | FEMA 2706 |
| | | | | 6-METHYL-5-HEPTENONE-2 | FEMA 2707 |
| | | | | METHYL HEXANOATE | FEMA 2708 |
| | | | | METHYL 2-HEXENOATE | FEMA 2709 |
| | | | | METHYL-A&-IONONE | FEMA 2711 |
| | | | | METHYL-B&-IONONE | FEMA 2712 |
| | | | | METHYL-D&-IONONE | FEMA 2713 |
| | | | | ISOMETHYLIONONE, A&- | FEMA 2714 |
| | | | | METHYL LAURATE | FEMA 2715 |
| | | | | METHYL MERCAPTAN | FEMA 2716 |
| | | | | METHYL O@-METHOXYBENZOATE | FEMA 2717 |
| | | | | METHYL N-METHYLANTHRANILA | FEMA 2718 |
| | | | | METHYL 2-METHYLBUTYRATE | FEMA 2719 |
| | | | | METHYL 3-METHYLTHIOPROPIO | FEMA 2720 |
| | | | | METHYL 4-METHYLVALERATE | FEMA 2721 |
| | | | | METHYL MYRISTATE | FEMA 2722 |
| | | | | METHYL B&-NAPHTHYL KETONE | FEMA 2723 |
| | | | | METHYL NONANOATE | FEMA 2724 |
| | | | | METHYL 2-NONENOATE | FEMA 2725 |
| | | | | METHYL 2-NONYNOATE | FEMA 2726 |
| | | | | 2-METHYLOCTANAL | FEMA 2727 |
| | | | | METHYL OCTANOATE | FEMA 2728 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 16 | SOFT CANDY(K) | 11 | FLAV AGNT | METHYL 2-OCTYNOATE | FEMA 2729 |
| | | | | 4-METHYL-2,3-PENTANEDIONE | FEMA 2730 |
| | | | | 4-METHYL-2-PENTANONE | FEMA 2731 |
| | | | | B&-METHYLPHENETHYL ALCOHO | FEMA 2732 |
| | | | | METHYL PHENYLACETATE | FEMA 2733 |
| | | | | 3-METHYL-4-PHENYL-3-BUTEN | FEMA 2734 |
| | | | | 2-METHYL-4-PHENYL-2-BUTYL | FEMA 2735 |
| | | | | 2-METHYL-4-PHENYL-2-BUTYL | FEMA 2736 |
| | | | | 3-METHYL-2-PHENYLBUTYRALD | FEMA 2738 |
| | | | | METHYL 4-PHENYLBUTYRATE | FEMA 2739 |
| | | | | 4-METHYL-1-PHENYLPENTANON | FEMA 2740 |
| | | | | METHYL 3-PHENYLPROPIONATE | FEMA 2741 |
| | | | | METHYL PROPIONATE | FEMA 2742 |
| | | | | VIOLET ALPINE | FEMA 2743 |
| | | | | 6-METHYLQUINOLINE | FEMA 2744 |
| | | | | DIMETHYL SULFIDE | FEMA 2746 |
| | | | | 2-METHYLTHIOPROPIONALDEHY | FEMA 2747 |
| | | | | 2-METHYL-3-TOLYL PROPIONA | FEMA 2748 |
| | | | | 2-METHYLUNDECANAL | FEMA 2749 |
| | | | | METHYL 9-UNDECENOATE | FEMA 2750 |
| | | | | METHYL 2-UNDECYNOATE | FEMA 2751 |
| | | | | METHYL VALERATE | FEMA 2752 |
| | | | | METHYL ISOVALERATE | FEMA 2753 |
| | | | | 2-METHYLVALERIC ACID | FEMA 2754 |
| | | | | MYRCENE | FEMA 2762 |
| | | | | MYRISTALDEHYDE | FEMA 2763 |
| | | | | NEROL | FEMA 2770 |
| | | | | NEROLIDOL | FEMA 2772 |
| | | | | NERYL ACETATE | FEMA 2773 |
| | | | | NERYL BUTYRATE | FEMA 2774 |
| | | | | NERYL ISOBUTYRATE | FEMA 2775 |
| | | | | NERYL FORMATE | FEMA 2776 |
| | | | | NERYL PROPIONATE | FEMA 2777 |
| | | | | NERYL ISOVALERATE | FEMA 2778 |
| | | | | 2,6-NONADIENOL-1 | FEMA 2780 |
| | | | | G&-NONALACTONE | FEMA 2781 |
| | | | | NONANAL | FEMA 2782 |
| | | | | 1,3-NONANEDIOL ACETATE | FEMA 2783 |
| | | | | NONANOIC ACID | FEMA 2784 |
| | | | | 2-NONANONE | FEMA 2785 |
| | | | | NONYL ACETATE | FEMA 2788 |
| | | | | NONYL ALCOHOL | FEMA 2789 |
| | | | | NONYL OCTANOATE | FEMA 2790 |
| | | | | NONYL ISOVALERATE | FEMA 2791 |
| | | | | G&-OCTALACTONE | FEMA 2796 |
| | | | | OCTANAL | FEMA 2797 |
| | | | | OCTANAL DIMETHYL ACETAL | FEMA 2798 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | 1-OCTANOL | FEMA 2800 |
| | | | | 2-OCTANOL | FEMA 2801 |
| | | | | 2-OCTANONE | FEMA 2802 |
| | | | | 3-OCTANONE | FEMA 2803 |
| | | | | 3-OCTANONOL-1 | FEMA 2804 |
| | | | | 1-OCTENOL-3 | FEMA 2805 |
| | | | | OCTYL ACETATE | FEMA 2806 |
| | | | | OCTYL BUTYRATE | FEMA 2807 |
| | | | | OCTYL ISOBUTYRATE | FEMA 2808 |
| | | | | OCTYL FORMATE | FEMA 2809 |
| | | | | OCTYL HEPTANOATE | FEMA 2810 |
| | | | | OCTYL OCTANOATE | FEMA 2811 |
| | | | | OCTYL PHENYLACETATE | FEMA 2812 |
| | | | | OCTYL PROPIONATE | FEMA 2813 |
| | | | | OCTYL ISOVALERATE | FEMA 2814 |
| | | | | W6-PENTADECALACTONE | FEMA 2840 |
| | | | | 2,3-PENTANEDIONE | FEMA 2841 |
| | | | | 2-PENTANONE | FEMA 2842 |
| | | | | 4-PENTENOIC ACID | FEMA 2843 |
| | | | | A6-PHELLANDRENE | FEMA 2856 |
| | | | | PHENETHYL ACETATE | FEMA 2857 |
| | | | | PHENETHYL ALCOHOL | FEMA 2858 |
| | | | | PHENETHYL ANTHRANILATE | FEMA 2859 |
| | | | | PHENETHYL BENZOATE | FEMA 2860 |
| | | | | PHENETHYL BUTYRATE | FEMA 2861 |
| | | | | PHENETHYL ISOBUTYRATE | FEMA 2862 |
| | | | | PHENETHYL CINNAMATE | FEMA 2863 |
| | | | | PHENETHYL FORMATE | FEMA 2864 |
| | | | | PHENETHYL PHENYLACETATE | FEMA 2866 |
| | | | | PHENETHYL PROPIONATE | FEMA 2867 |
| | | | | PHENETHYL SALICYLATE | FEMA 2868 |
| | | | | PHENETHYL SENECIOATE | FEMA 2869 |
| | | | | PHENETHYL TIGLATE | FEMA 2870 |
| | | | | PHENETHYL ISOVALERATE | FEMA 2871 |
| | | | | PHENOXYACETIC ACID | FEMA 2872 |
| | | | | 2-PHENOXYETHYL ISOBUTYRAT | FEMA 2873 |
| | | | | PHENYLACETALDEHYDE | FEMA 2874 |
| | | | | PHENYLACETALDEHYDE 2,3-BU | FEMA 2875 |
| | | | | PHENYLACETALDEHYDE DIMETH | FEMA 2876 |
| | | | | PH-ACETALD. GLYCERYL ACET | FEMA 2877 |
| | | | | PHENYLACETIC ACID | FEMA 2878 |
| | | | | 4-PHENYLBUTANOL-2 | FEMA 2879 |
| | | | | 4-PHENYL-3-BUTENOL-2 | FEMA 2880 |
| | | | | 4-PHENYL-3-BUTENONE-2 | FEMA 2881 |
| | | | | 4-PHENYLBUTYL-2 ACETATE | FEMA 2882 |
| | | | | 1-PHENYL-3-METHYLPENTANOL | FEMA 2883 |
| | | | | 1-PHENYLPROPANOL-1 | FEMA 2884 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | 3-PHENYLPROPANOL-1 | | FEMA 2885 |
| | | | | 2-PHENYLPROPIONALDEHYDE | | FEMA 2886 |
| | | | | 3-PHENYLPROPIONALDEHYDE | | FEMA 2887 |
| | | | | 2-PHENYLPROPIONALD DIMET | | FEMA 2888 |
| | | | | 3-PHENYLPROPIONIC ACID | | FEMA 2889 |
| | | | | 3-PHENYLPROPYL ACETATE | | FEMA 2890 |
| | | | | 2-PHENYLPROPYL BUTYRATE | | FEMA 2891 |
| | | | | 2-PHENYLPROPYL ISOBUTYRAT | | FEMA 2892 |
| | | | | 3-PHENYLPROPYL ISOBUTYRAT | | FEMA 2893 |
| | | | | 3-PHENYLPROPYL CINNAMATE | | FEMA 2894 |
| | | | | 3-PHENYLPROPYL FORMATE | | FEMA 2895 |
| | | | | 3-PHENYLPROPYL HEXANOATE | | FEMA 2896 |
| | | | | 3-PHENYLPROPYL PROPIONATE | | FEMA 2897 |
| | | | | 2-/3-PHENYLPROPYL/-TETRAH | | FEMA 2898 |
| | | | | 3-PHENYLPROPYL ISOVALERAT | | FEMA 2899 |
| | | | | AE-PINENE | | FEMA 2902 |
| | | | | NOPINENE | | FEMA 2903 |
| | | | | PINE TAR, OIL | | FEMA 2907 |
| | | | | PIPERIDINE | | FEMA 2908 |
| | | | | PIPERINE | | FEMA 2909 |
| | | | | /C/-PIPERITONE | | FEMA 2910 |
| | | | | PIPERONYL ACETATE | | FEMA 2912 |
| | | | | PIPERONYL ISOBUTYRATE | | FEMA 2913 |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| | | | | PROPENYLGUAETHOL | | FEMA 2922 |
| | | | | PROPIONALDEHYDE | | FEMA 2923 |
| | | | | PROPYL ACETATE | | FEMA 2925 |
| | | | | ISOPROPYL ACETATE | | FEMA 2926 |
| | | | | Pα-ISOPROPYLACETOPHENONE | | FEMA 2927 |
| | | | | PROPYL ALCOHOL | | FEMA 2928 |
| | | | | ISOPROPYL ALCOHOL | | FEMA 2929 |
| | | | | Pα-PROPYL ANISOLE | | FEMA 2930 |
| | | | | Pα-ISOPROPYLBENZYL ALCOHO | | FEMA 2933 |
| | | | | PROPYL BUTYRATE | | FEMA 2934 |
| | | | | ISOPROPYL BUTYRATE | | FEMA 2935 |
| | | | | PROPYL ISOBUTYRATE | | FEMA 2936 |
| | | | | ISOPROPYL ISOBUTYRATE | | FEMA 2937 |
| | | | | PROPYL CINNAMATE | | FEMA 2938 |
| | | | | ISOPROPYL CINNAMATE | | FEMA 2939 |
| | | | | PROPYL FORMATE | | FEMA 2943 |
| | | | | ISOPROPYL FORMATE | | FEMA 2944 |
| | | | | PROPYL HEPTANOATE | | FEMA 2948 |
| | | | | PROPYL HEXANOATE | | FEMA 2949 |
| | | | | ISOPROPYL HEXANOATE | | FEMA 2950 |
| | | | | 3-PROPYLIDENEPHTHALIDE | | FEMA 2952 |
| | | | | AE-PROPYLPHENETHYL ALCOHO | | FEMA 2953 |
| | | | | Pα-ISOPROPYLPHENYLACETALD | | FEMA 2954 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | PROPYL PHENYLACETATE | | FEMA 2955 |
| | | | | ISOPROPYL PHENYLACETATE | | FEMA 2956 |
| | | | | 3 P-ISOPROPYL-PHENYLPROPI | | FEMA 2957 |
| | | | | PROPYL PROPIONATE | | FEMA 2958 |
| | | | | ISOPROPYL PROPIONATE | | FEMA 2959 |
| | | | | PROPYL ISOVALERATE | | FEMA 2960 |
| | | | | ISOPROPYL ISOVALERATE | | FEMA 2961 |
| | | | | ISOPULEGOL | | FEMA 2962 |
| | | | | PULEGONE | | FEMA 2963 |
| | | | | ISOPULEGONE | | FEMA 2964 |
| | | | | ISOPULEGYL ACETATE | | FEMA 2965 |
| | | | | PYRIDINE | | FEMA 2966 |
| | | | | PYROLIGNEOUS ACID, EXT | | FEMA 2968 |
| | | | | PYROVALDEHYDE | | FEMA 2969 |
| | | | | PYRUVIC ACID | | FEMA 2970 |
| | | | | ISOQUINOLINE | | FEMA 2976 |
| | | | | RHODINOL | | FEMA 2980 |
| | | | | RHODINYL ACETATE | | FEMA 2981 |
| | | | | RHODINYL BUTYRATE | | FEMA 2982 |
| | | | | RHODINYL ISOBUTYRATE | | FEMA 2983 |
| | | | | RHODINYL FORMATE | | FEMA 2984 |
| | | | | RHODINYL PHENYLACETATE | | FEMA 2985 |
| | | | | RHODINYL PROPIONATE | | FEMA 2986 |
| | | | | RHODINYL ISOVALERATE | | FEMA 2987 |
| | | | | ETHYL OXYHYDRATE | NAS 0379 | FEMA 2996 |
| | | | | SALICYLALDEHYDE | | FEMA 3004 |
| | | | | SANTALOL | | FEMA 3006 |
| | | | | SANTALYL ACETATE | | FEMA 3007 |
| | | | | SANTALYL PHENYL-ACE | | FEMA 3008 |
| | | | | SKATOLE | | FEMA 3019 |
| | | | | SUCROSE OCTAACETATE | | FEMA 3038 |
| | | | | AC-TERPINEOL | | FEMA 3045 |
| | | | | TERPINOLENE | | FEMA 3046 |
| | | | | TERPINYL ACETATE | | FEMA 3047 |
| | | | | TERPINYL ANTHRANILATE | | FEMA 3048 |
| | | | | TERPINYL BUTYRATE | | FEMA 3049 |
| | | | | TERPINYL ISOBUTYRATE | | FEMA 3050 |
| | | | | TERPINYL CINNAMATE | | FEMA 3051 |
| | | | | TERPINYL FORMATE | | FEMA 3052 |
| | | | | TERPINYL PROPIONATE | | FEMA 3053 |
| | | | | TERPINYL ISOVALERATE | | FEMA 3054 |
| | | | | TETRAHYDROFURFURYL ACETAT | | FEMA 3055 |
| | | | | TETRAHYDROFURFURYL ALCOHO | | FEMA 3056 |
| | | | | TETRAHYDROFURFURYL BUTYRA | | FEMA 3057 |
| | | | | TETRAHYDROFURFURYL PROPIO | | FEMA 3058 |
| | | | | TETRAHYDROPSEUDOIONONE | | FEMA 3059 |
| | | | | TETRAHYDROLINALOOL | | FEMA 3060 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | TETRAMETHYL-ET-CYCLOHEXEN | FEMA 3061 |
| | | | | 2-THIENYL MERCAPTAN | FEMA 3062 |
| | | | | THYMOL | FEMA 3066 |
| | | | | TOLUALD. GLYCERYL ACETAL | FEMA 3067 |
| | | | | TOLUALDEHYDES | FEMA 3068 |
| | | | | P@-TOLYLACETALDEHYDE | FEMA 3071 |
| | | | | O@-TOLYL ACETATE | FEMA 3072 |
| | | | | P@-TOLYL ACETATE | FEMA 3073 |
| | | | | 4-P@-TOLYL BUTANONE-2 | FEMA 3074 |
| | | | | P@-TOLYL ISOBUTYRATE | FEMA 3075 |
| | | | | P@-TOLYL LAURATE | FEMA 3076 |
| | | | | P@-TOLYL PHENYLACETATE | FEMA 3077 |
| | | | | 2-P@-TOLYL PROPIONALDEHYD | FEMA 3078 |
| | | | | 2-TRIDECENAL | FEMA 3082 |
| | | | | G&-UNDECALACTONE | FEMA 3091 |
| | | | | UNDECANAL | FEMA 3092 |
| | | | | 2-UNDECANONE | FEMA 3093 |
| | | | | 9-UNDECENAL | FEMA 3094 |
| | | | | 10-UNDECENAL | FEMA 3095 |
| | | | | 10-UNDECEN-1-YL ACETATE | FEMA 3096 |
| | | | | UNDECYL ALCOHOL | FEMA 3097 |
| | | | | VALERALDEHYDE | FEMA 3098 |
| | | | | VALERIC ACID | FEMA 3101 |
| | | | | ISOVALERIC ACID | FEMA 3102 |
| | | | | VANILLIN ACETATE | FEMA 3108 |
| | | | | VERATRALDEHYDE | FEMA 3109 |
| | | | | ZINGERONE | FEMA 3124 |
| | | | | H6-6-1PROPENL-4,4A-PE2-NA | FEMA 3166 |
| | | | | O@-METHOXYCINNAMALDEHYDE | FEMA 3181 |
| | | | | PROPYL DISULFIDE | FEMA 3228 |
| | | | | STYRENE | FEMA 3233 |
| | | | | ISO-AMYL ACETOACETATE | FEMA 3252 |
| | | | | ISO-AMYL ISO-BUTYRATE | FEMA 3253 |
| | | | | ANISYL PHENYLACETATE | FEMA 3255 |
| | | | | BEECHWOOD CREOSOTE | FEMA 3259 |
| | | | | THIOPHENOL | FEMA 3260 |
| | | | | BENZYL DISULFIDE | FEMA 3261 |
| | | | | CADINENE | FEMA 3263 |
| | | | | CARYOPHYLL ALC ACETATE | FEMA 3266 |
| | | | | B&-CARYOPHYLLENE ALCOHOL | FEMA 3267 |
| | | | | CARYOPHYLIENE ALCOHOL | FEMA 3268 |
| | | | | B-CARYOPHYLL ALC AC | FEMA 3269 |
| | | | | CEDARWOOD OILS, ALC/TERP | FEMA 3270 |
| | | | | CEDRYL ACETATE | FEMA 3271 |
| | | | | 1,4-CINEOLE | FEMA 3275 |
| | | | | CINNAMYL BENZOATE | FEMA 3276 |
| | | | | CITRAL PROP GLY ACETAL | FEMA 3277 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | 3-DECEN-2-ONE | FEMA 3289 |
| | | | | 2,5-DIETHYLTETRAHYDFURAN | FEMA 3290 |
| | | | | ETHYL CROTONATE | FEMA 3295 |
| | | | | ETGLY BRASSYLATE,EST | FEMA 3296 |
| | | | | 2-ETHYL FURAN | FEMA 3297 |
| | | | | ETHYL MALTOL | FEMA 3298 |
| | | | | ETHYL OCTADECANOATE | FEMA 3299 |
| | | | | ETHYL UNDECANOATE | FEMA 3300 |
| | | | | ISO-EUGENYL BENZYLETHER | FEMA 3301 |
| | | | | 1-FURYL-2-PROPANONE | FEMA 3303 |
| | | | | GUAIACYL ACETATE | FEMA 3311 |
| | | | | GUAIENE | FEMA 3312 |
| | | | | HEPTANAL-1,2-GLYACETAL | FEMA 3314 |
| | | | | 3-HEPTANOL | FEMA 3315 |
| | | | | 3-HEXENL-2-MEBUTYRATE | FEMA 3316 |
| | | | | 3-HEXYNEL ISO-VALERATE | FEMA 3317 |
| | | | | HEXYL, ISO-VALERATE | FEMA 3318 |
| | | | | HEXYL-2-METHYLBUTYRATE | FEMA 3319 |
| | | | | ISO-JASMONE | FEMA 3325 |
| | | | | LINALOOL OXIDE | FEMA 3328 |
| | | | | P-MENTH-8-EN-2-ONE | FEMA 3337 |
| | | | | PERILLALDEHYDE | FEMA 3340 |
| | | | | ALPHA-TEPINENE | FEMA 3341 |
| | | | | GAMMA-TERPINENE | FEMA 3342 |
| | | | | P-MENTH-3-ENE-1-OL | FEMA 3343 |
| | | | | METHOXYBENZALDEHYDE | FEMA 3345 |
| | | | | 2-MEBUTYL ISOVALERATE | FEMA 3347 |
| | | | | P-METHYLCINNAMALDEHYDE | FEMA 3348 |
| | | | | METHYL DISULFIDE | FEMA 3350 |
| | | | | 4-ME-5-PRO-2-CYCHEXENONE | FEMA 3354 |
| | | | | OCIMENE | FEMA 3359 |
| | | | | 3-OCTANOL | FEMA 3360 |
| | | | | 1-OCTEN-3-YL ACETATE | FEMA 3362 |
| | | | | 3-OCTYL ACETATE | FEMA 3363 |
| | | | | 1-PENTEN-3-OL | FEMA 3369 |
| | | | | PERILLYL ACETATE | FEMA 3370 |
| | | | | PHENYLALANINE | FEMA 3371 |
| | | | | PROPYL THIOL | FEMA 3380 |
| | | | | B-TERPINEOL | FEMA 3399 |
| | | | | 2-P-CARVOMENTHENOL | FEMA 3423 |
| | | | | ALLYL 2-FUROATE | FEMA 2030 |
| | | | | ALLYL HEPTANOATE | FEMA 2031 |
| | | | | AMYL 2-FUROATE | FEMA 2072 |
| | | | | 2-AMYL-5/6-KETO-1,4-DIOX | FEMA 2076 |
| | | | | APRICOT KERNEL, OIL | FEMA 2105 |
| | | | | BIRCH, SWEET, OIL | FEMA 2154 |
| | | | | BORNYL VALERATE | FEMA 2164 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 16 | SOFT CANDY(K) | 11 | FLAV AGNT | 2-BUTYL-5/6-KETODIOXANE | | FEMA 2204 |
| | | | | CITRUS PEELS, EXTRACT | | FEMA 2318 |
| | | | | DECANOIC ACID | | FEMA 2364 |
| | | | | DIHYDROCOUMARIN | | FEMA 2381 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| | | | | FURFURAL | | FEMA 2489 |
| | | | | FURFURYL ACETATE | | FEMA 2490 |
| | | | | FURFURYL ALCOHOL | | FEMA 2491 |
| | | | | 2-FURFURYLIDENEBUTYRALDEH | | FEMA 2492 |
| | | | | FURFURYL MERCAPTAN | | FEMA 2493 |
| | | | | FURYL ACROLEIN | | FEMA 2494 |
| | | | | 4-/2-FURYL/-3-BUTENONE-2 | | FEMA 2495 |
| | | | | CIS-3-HEXENAL | | FEMA 2561 |
| | | | | HEXYL 2-FUROATE | | FEMA 2571 |
| | | | | 2-HEXYL-5-KETO-1,4-DIOXAN | | FEMA 2574 |
| | | | | LAURIC ACID | | FEMA 2614 |
| | | | | 6-METHYLCOUMARIN | | FEMA 2699 |
| | | | | PIPERONYL-ACETONE | | FEMA 2701 |
| | | | | 5-METHYLFURFURAL | | FEMA 2702 |
| | | | | METHYL 2-FUROATE | | FEMA 2703 |
| | | | | 2-METHYL-3-FURYLACROLEIN | | FEMA 2704 |
| | | | | 2-METHYL-4-PHENYLBUTYRALD | | FEMA 2737 |
| | | | | METHYL SALICYLATE | | FEMA 2745 |
| | | | | MUSK AMBRETTE | | FEMA 2753 |
| | | | | MYRISTIC ACID | | FEMA 2764 |
| | | | | BB-NAPHTHYL ANTHRANILATE | | FEMA 2767 |
| | | | | BB-NAPHTHYL ETHYL ETHER | | FEMA 2768 |
| | | | | NARINGIN | NAS 0485 | FEMA 2769 |
| | | | | 3-NONANONOL-1 | | FEMA 2786 |
| | | | | OLEIC ACID | | FEMA 2815 |
| | | | | PINE NEEDLE, OIL | | FEMA 2905 |
| | | | | PROPYL FUROATE-2 | | FEMA 2946 |
| | | | | PYROLIGNEOUS ACID | | FEMA 2967 |
| | | | | QUININE BISULFATE | | FEMA 2975 |
| | | | | QUININE HYDROCHLORIDE | | FEMA 2976 |
| | | | | QUININE SULFATE | | FEMA 2977 |
| | | | | SASSAFRAS BARK, EXTR | | FEMA 3010 |
| | | | | STEARIC ACID | NAS 0479 | FEMA 3035 |
| | | | | GG-VALEROLACTONE | | FEMA 3103 |
| | | | | VANILLIN | NAS 0336 | FEMA 3107 |
| | | | | WINTERGREEN, EXTRACT | | FEMA 3112 |
| | | | | WINTERGREEN, OIL | | FEMA 3113 |
| | | | | 1-BUTOXY-1-PHENOXYETHANE | | FEMA 3125 |
| | | | | ACETYLPYRAZINE | | FEMA 3126 |
| | | | | ALLYL METHYL DISULFIDE | | FEMA 3127 |
| | | | | 2-BENZOFURANCARBOXALDEHYD | | FEMA 3128 |
| | | | | BIPHENYL | | FEMA 3129 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 16 | SOFT CANDY(K) | 11 | FLAV AGNT | BUTYLAMINE | FEMA 3130 |
| | | | | SEC-BUTYL ETHYL ETHER | FEMA 3131 |
| | | | | 2-ISOBUTYL-3-METHOXYPYRAZ | FEMA 3132 |
| | | | | 2-ISOBUTYL-3-METHYLPYRAZI | FEMA 3133 |
| | | | | 2-ISOBUTYL THIAZOLE | FEMA 3134 |
| | | | | 2T,4T-DECADIENAL | FEMA 3135 |
| | | | | 2,3-DIETHYLPYRAZINE | FEMA 3136 |
| | | | | 2,6-DIMETHOXYPHENOL | FEMA 3137 |
| | | | | 3,4-DIMETHOXY-1-VINYLBENZ | FEMA 3138 |
| | | | | PA,AG-DIMETHYLBENZYL ALCO | FEMA 3139 |
| | | | | 2,6-DIMETHYL-4-HEPTANOL | FEMA 3140 |
| | | | | AG-SINENSAL | FEMA 3141 |
| | | | | CITRONELLIC ACID | FEMA 3142 |
| | | | | 2,4-DIMETHYL-2-PENTENOIC | FEMA 3143 |
| | | | | PA,AG-DIMETHYLSTYRENE | FEMA 3144 |
| | | | | 2,4-DIMETHYL-5-VINYLTHIAZ | FEMA 3145 |
| | | | | 2-FURFURYL DISULFIDE | FEMA 3146 |
| | | | | 1-ETHYL-2-ACETYLPYRROLE | FEMA 3147 |
| | | | | ETHYL T2-C4-DECADIENOATE | FEMA 3148 |
| | | | | 2-ETHYL-3,5-DIMETHYLPYRAZ | FEMA 3149 |
| | | | | 3-ETHYL-2,6-DIMETHYLPYRAZ | FEMA 3150 |
| | | | | 2-ETHYL-1-HEXANOL | FEMA 3151 |
| | | | | 3-ET-2-HO-2-CYC-PENTENONE | FEMA 3152 |
| | | | | 5-ET-3-HO-4-ME-2/5H/-FURA | FEMA 3153 |
| | | | | 2-ETHYL-5-METHYLPYRAZINE | FEMA 3154 |
| | | | | 3-ETHYL-2-METHYLPYRAZINE | FEMA 3155 |
| | | | | PA-ETHYLPHENOL | FEMA 3156 |
| | | | | ETHYL PA-TOLYLOXYACETATE | FEMA 3157 |
| | | | | 2-FURANMETHANETHIOL FORMA | FEMA 3158 |
| | | | | FURFURYL METHYL ETHER | FEMA 3159 |
| | | | | FURFURYL METHYL SULFIDE | FEMA 3160 |
| | | | | FURFURYL ISOPROPYL SULFID | FEMA 3161 |
| | | | | FURFURYL THIOACETATE | FEMA 3162 |
| | | | | 2-FURYL METHYL KETONE | FEMA 3163 |
| | | | | 2,4-HEPTADIENAL -TR,TR | FEMA 3164 |
| | | | | 2-HEPTENAL | FEMA 3165 |
| | | | | DG-HEXALACTONE | FEMA 3167 |
| | | | | 3,4-HEXANEDIONE | FEMA 3168 |
| | | | | T2-HEXENOIC ACID | FEMA 3169 |
| | | | | T3-HEXENOIC ACID | FEMA 3170 |
| | | | | C3-HEXEN-1-YL ACETATE | FEMA 3171 |
| | | | | HEXYL ISOBUTYRATE | FEMA 3172 |
| | | | | 1-HYDROXY-2-BUTANONE | FEMA 3173 |
| | | | | 4-HO-2,5-ME2-3/2H/-FURANO | FEMA 3174 |
| | | | | IONONE -GG | FEMA 3175 |
| | | | | PA-MENTHAN-2-ONE | FEMA 3176 |
| | | | | PA-MENTHA-8-THIOL-3-ONE | FEMA 3177 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | P&-MENTH-1-ENE-9-AL | FEMA 3178 |
| | | | | P&-MENTH-1-EN-3-OL | FEMA 3179 |
| | | | | 2-MERCAPTOPROPIONIC ACID | FEMA 3180 |
| | | | | P&-METHOXY-A&-METHYLCINNA | FEMA 3182 |
| | | | | 2-METHOXY-X-METHYLPYRAZIN | FEMA 3183 |
| | | | | 1-METHYL-2-ACETYLPYRROLE | FEMA 3184 |
| | | | | 4-METHYLBIPHENYL | FEMA 3186 |
| | | | | 3-METHYLCROTONIC ACID | FEMA 3187 |
| | | | | 2-METHYL-3-FURANTHIOL | FEMA 3188 |
| | | | | ME-X-FURFURYL-THIOPYRAZIN | FEMA 3189 |
| | | | | 5-METHYL-2,3-HEXANEDIONE | FEMA 3190 |
| | | | | 2-METHYLHEXANOIC ACID | FEMA 3191 |
| | | | | 2-METHYL-5-METHOXYTHIAZOL | FEMA 3192 |
| | | | | 1-METHYLNAPHTHALENE | FEMA 3193 |
| | | | | 2T-METHYL-2-PENTENAL | FEMA 3194 |
| | | | | 2T-METHYL-2-PENTENOIC ACI | FEMA 3195 |
| | | | | JASMONE | FEMA 3196 |
| | | | | A-METHYLPHENETHYLBUTYRATE | FEMA 3197 |
| | | | | METHYL PHENETHYL ETHER | FEMA 3198 |
| | | | | 5-METHYL-2-PHEN-2-HEXENAL | FEMA 3199 |
| | | | | 4-METHYL-2-PHEN-2-PENTENA | FEMA 3200 |
| | | | | METHYL PROPYL DISULFIDE | FEMA 3201 |
| | | | | METHYL 2-PYRROLYL KETONE | FEMA 3202 |
| | | | | 5-METHYLQUINOXALINE | FEMA 3203 |
| | | | | 4-METHYL-5-THIAZOLEETHANO | FEMA 3204 |
| | | | | 4-ME-5-THIAZOLE-ET*OL- AC | FEMA 3205 |
| | | | | 2-METHYLTHIOACETALDEHYDE | FEMA 3206 |
| | | | | 1-/METHYLTHIO/-2-BUTANONE | FEMA 3207 |
| | | | | /METHYLTHIO/METHYLPYRAZIN | FEMA 3208 |
| | | | | D&-/METHYLTHIO/-PHENOL | FEMA 3210 |
| | | | | 2-METHYL-5-VINYLPYRAZINE | FEMA 3211 |
| | | | | 2,4-NONADIENAL | FEMA 3212 |
| | | | | 2-NONENAL | FEMA 3213 |
| | | | | D&-OCTALACTONE | FEMA 3214 |
| | | | | 2-OCTENAL | FEMA 3215 |
| | | | | 2,4-PENTADIENAL | FEMA 3217 |
| | | | | 2-PENTENAL | FEMA 3218 |
| | | | | ISOPENTYLAMINE | FEMA 3219 |
| | | | | PHENETHYLAMINE | FEMA 3220 |
| | | | | PHENETHYL HEXANOATE | FEMA 3221 |
| | | | | PHENETHYL OCTANOATE | FEMA 3222 |
| | | | | PHENOL | FEMA 3223 |
| | | | | 2-PHENYL-2-BUTENAL | FEMA 3224 |
| | | | | PHENYL DISULFIDE | FEMA 3225 |
| | | | | 1-PHENYL-1,2-PROPANEDIONE | FEMA 3226 |
| | | | | PROPENYL PROPYL DISULFIDE | FEMA 3227 |
| | | | | ISOPROPYL TIGLATE | FEMA 3229 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | PYRAZINE ETHANETHIOL | | FEMA 3230 |
| | | | | PYRAZINYL METHYL SULFIDE | | FEMA 3231 |
| | | | | 2-PYRADINEMETHANETHIOL | | FEMA 3232 |
| | | | | MENTHOFURAN | | FEMA 3235 |
| | | | | ROSE OXIDE | | FEMA 3236 |
| | | | | TETRAMETHYLPYRAZINE | | FEMA 3237 |
| | | | | 2,2-THIODIMETHYLENE-DIFUR | | FEMA 3238 |
| | | | | 4-THUJANOL | | FEMA 3239 |
| | | | | TRIMETHYLAMINE | | FEMA 3241 |
| | | | | P@-CYMENOL-8 | | FEMA 3242 |
| | | | | ME3-CYCLOHEX-1-ENL 8U-2EN | | FEMA 3243 |
| | | | | 2,3,5-TRIMETHYLPYRAZINE | | FEMA 3244 |
| | | | | UNDECANOIC ACID | | FEMA 3245 |
| | | | | 2-UNDECANOL | | FEMA 3246 |
| | | | | 10-UNDECENOIC ACID | | FEMA 3247 |
| | | | | O@-VINYLANISOLE | | FEMA 3248 |
| | | | | 2,6-XYLENOL | | FEMA 3249 |
| | | | | BUTYROLACTONE | | FEMA 3421 |
| | | | | 3,4-DIME CYCLOPENT DIONE | | FEMA 3427 |
| | | | | DI-N-PROPYL TRISULFIDE | | FEMA 3430 |
| | | | | 3-ET-2,5-DIME PYRAZINE | | FEMA 3434 |
| | | | | DIETHYL ANTHRANILATE | | FEMA 3436 |
| | | | | ETHYL HEXENOATE | | FEMA 3437 |
| | | | | LT ME HYDX-DIHYDFURANONE | | FEMA 3438 |
| | | | | ET ME-P-TOLYL GLYCIDATE | | FEMA 3439 |
| | | | | FURFURYL BUTYRATE | | FEMA 3440 |
| | | | | FURFURYL PYRROL | | FEMA 3441 |
| | | | | 2, 4-HEXADIENAL | | FEMA 3443 |
| | | | | HEXYL BENZOATE | | FEMA 3445 |
| | | | | HYDROGEN SULPHIDE | | FEMA 3446 |
| | | | | HYDROQUINON ET ETHR | | FEMA 3447 |
| | | | | 3-HYDROXY-PENTANONE-2 | | FEMA 3448 |
| | | | | LINALYL PHENYLACETATE | | FEMA 3449 |
| | | | | MALONIC ACID | | FEMA 3450 |
| | | | | ISO-MENTHONE | | FEMA 3451 |
| | | | | 3-MERCAP PROPANOIC ACID | | FEMA 3452 |
| | | | | 2-METHYL PYRAZINE | | FEMA 3461 |
| | | | | D-UNDECALACTONE | | FEMA 3482 |
| | | | | 4-HEPTENAL | | FEMA 3490 |
| | | | | 4-AC-6-T-BUT-1,1-DIME IND | | FEMA 3250 |
| | | | | 2,6-DIMETHYL-4-HEPTANONE | | FEMA 3291 |
| | | | | DISODIUM GUANYLATE | NAS 0541 | FEMA 3292 |
| | | | | DISODIUM INOSINATE | NAS 0540 | FEMA 3293 |
| | | | | GLYCINE | NAS 0356 | FEMA 3310 |
| | | | | LEEK, OIL | | FEMA 3326 |
| | | | | MASTIC GUM | | FEMA 3335 |
| | | | | DL-METHIONINE | NAS 0359 | FEMA 3344 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | METHYL 3-PYRIDYL KETONE | FEMA 3395 |
| | | | | TEA TREE, OIL | FEMA 3398 |
| | | | | P-TOLYL OCTANOATE | FEMA 3401 |
| | | | | 2-UNDECEN-1-OL | FEMA 3403 |
| | | | | YARA YARA | FEMA 3409 |
| | | | | ACTL ME CARBINYL ACET | FEMA 3410 |
| | | | | ALLYL CROTONATE | FEMA 3411 |
| | | | | ALLYL HEXENOATE | FEMA 3412 |
| | | | | AMYL DECANOATE | FEMA 3414 |
| | | | | AMYL PHENYLACETATE | FEMA 3415 |
| | | | | AMYL SALICYLATE | FEMA 3416 |
| | | | | AMYL ISO VALERIANATE | FEMA 3417 |
| | | | | ISO-AMYL VALERIANATE | FEMA 3418 |
| | | | | BUTYL SALICYLATE | FEMA 3419 |
| | | | | ISOBUT ME ANTHRANILATE | FEMA 3420 |
| | | | | CARVOMENTHOL | FEMA 3422 |
| | | | | M-CRESOL | FEMA 3425 |
| | | | | O-CRESOL | FEMA 3426 |
| | | | | FURFURYLIDEN-2-PROPANAL | FEMA 3442 |
| | | | | METHALLYL CAPROATE | FEMA 3453 |
| | | | | 3-METHYL-3-BUTENE-2-1 | FEMA 3454 |
| | | | | METHYL FURFURACRYLAT | FEMA 3455 |
| | | | | 2-ME-5-ISOPROP PYRAZINE | FEMA 3458 |
| | | | | 4-ME-4-PENTEN-2-ONE | FEMA 3459 |
| | | | | ME PROPENYL DISULFIDE | FEMA 3460 |
| | | | | B-NAPHTH ISOBUTYL ETHER | FEMA 3464 |
| | | | | 2,6-NONADIENAL | FEMA 3465 |
| | | | | NONADIENAL DIME ACETAL | FEMA 3466 |
| | | | | NONANEDIOL-1,4-ACETATE | FEMA 3467 |
| | | | | 6-NONENAL | FEMA 3468 |
| | | | | 6-OCTENAL | FEMA 3469 |
| | | | | 2-PENTEN-1-OL | FEMA 3470 |
| | | | | 3-PENTEN-2-ONE | FEMA 3471 |
| | | | | PHENYLETHYL VALERATE | FEMA 3472 |
| | | | | 5-PHENYL PENTANOL | FEMA 3473 |
| | | | | 1-PHEN-3/5-PROP PYRAZOL | FEMA 3474 |
| | | | | ISO-PHORONE | FEMA 3475 |
| | | | | PROPYL VALERIANATE | FEMA 3476 |
| | | | | TIGLALDEHYDE | FEMA 3478 |
| | | | | O-TOLYL ISO-BUTYRATE | FEMA 3479 |
| | | | | 2,5-UNDECADIENAL | FEMA 3481 |
| | | | | VALILLYL ALCOHOL | FEMA 3483 |
| | | | | VANILLYLIDENE ACETON | FEMA 3484 |
| | | | | VETIVERYL ACETATE | FEMA 3485 |
| | | | | B-BOURBONENE | FEMA 3486 |
| | | | | CARYOPHYLLENE OXIDE | FEMA 3488 |
| | | | | GERANYL ACETONE | FEMA 3489 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 11 | FLAV AGNT | 3-HEXENL PHENYLACETATE | | FEMA 3491 |
| | | | | HEXYL PHENYLACETATE | | FEMA 3492 |
| | | | | ISOAMYL 2-ME BUTYRATE | | FEMA 3493 |
| | | | | JASMONE | | FEMA 3494 |
| | | | | 1-P-MENTHEN-9-YL ACETATE | | FEMA 3495 |
| | | | | PINOCARVEOL | | FEMA 3496 |
| | | | | PIPERITENONE | | FEMA 3497 |
| | | | | PIPERITENONE OXIDE | | FEMA 3498 |
| | | | | VERBENOL | | FEMA 3499 |
| | | | | 2-ACETYL-3-ETHYLPYRAZINE | | FEMA 3589 |
| | | | | 2-ACETYL PYRIDINE | | FEMA 3585 |
| | | | | ALMONDS | NAS 0522 | |
| | | | | BROWN SUGAR | NAS 0369 | |
| | | | | N-BUTYL SALICYLATE | | FEMA 3558 |
| | | | | COCOA | NAS 0371 | FEMA 3518 |
| | | | | SOLID EXTRACT COFFEE | | FEMA 3571 |
| | | | | CYCLOHEXANOL | | FEMA 3594 |
| | | | | 2,5 DIMETHYL PYRAZINE | | FEMA 3596 |
| | | | | 2,6 DIMETHYL PYRAZINE | | FEMA 3597 |
| | | | | 2,5 DIMETHYL PYRROLE | | FEMA 3616 |
| | | | | DIPHENYL OXIDE | | FEMA 3599 |
| | | | | 2-ETHYL PYRIZINE | | FEMA 3601 |
| | | | | FURFURYL ISOVALERATE | | FEMA 3627 |
| | | | | GRAPEFRUIT OIL CONC | | FEMA 3631 |
| | | | | CIS-3-HEXENAL PROPIONATE | | FEMA 3603 |
| | | | | TRANS-3-HEXENAL | | FEMA 3602 |
| | | | | CIS-3-HEXENYL VALERATE | | FEMA 3604 |
| | | | | MATE ABSOLUTE | | FEMA 3644 |
| | | | | METHYL-2-DECENOATE | | FEMA 3605 |
| | | | | METHYL-2-OCTENOATE | | FEMA 3607 |
| | | | | METHYL THIOFUROATE | | FEMA 3629 |
| | | | | BG-METHYL UMBELLIFERON | | FEMA 3609 |
| | | | | MILK, SKIM, SWEET, COND | NAS 0524 | |
| | | | | MILK, WHOLE, SWEET, COND | NAS 0521 | |
| | | | | MUSK KETONE | | FEMA 3610 |
| | | | | TOLYALDEHYDES,PARA | | FEMA 3633 |
| | | | | TIGLIC ACID | | FEMA 3614 |
| 16 | SOFT CANDY(R) | 12 | FLOR TREAT | SODIUM BISULFITE | NAS 0183 | |
| 16 | SOFT CANDY(R) | 13 | FORMUL AID | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | AGAR-AGAR | NAS 0004 | FEMA 2012 |
| | | | | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM SILICATE | NAS 0055 | |
| | | | | MAGNESIUM STEARATE | NAS 0116 | |
| | | | | POTASSIUM ACID TARTRATE | NAS 0146 | |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |

TABLE 13 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 13 | FORMUL AID | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | CALCIUM STEARATE | NAS 0260 | FEMA 3572 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | CHOCOLATE LIQUOR | NAS 0370 | |
| | | | | COCOA | NAS 0371 | FEMA 3518 |
| | | | | COCOA BUTTER | NAS 0372 | |
| | | | | COCONUT OIL | NAS 0373 | FEMA 3659 |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |
| | | | | INVERT SUGAR SYRUP | NAS 0430 | FEMA 3687 |
| | | | | PALM KERNEL OIL | NAS 0389 | |
| 16 | SOFT CANDY(R) | 15 | HUMECTANT | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | AGAR-AGAR | NAS 0004 | FEMA 2012 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | POTASSIUM ACID TARTRATE | NAS 0146 | |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| 16 | SOFT CANDY(R) | 16 | LEAVENING | AMMONIUM BICARBONATE | NAS 0013 | |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | YEASTS | NAS 0333 | |
| 16 | SOFT CANDY(R) | 17 | LUBRICANT | CARNAUBA WAX | NAS 0061 | FEMA 3514 |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | MAGNESIUM STEARATE | NAS 0116 | |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | CALCIUM STEARATE | NAS 0260 | FEMA 3572 |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | CORN STARCH | NAS 0411 | |
| | | | | MONOGLYCERIDES, ACETYLAT | NAS 0530 | |
| 16 | SOFT CANDY(R) | 18 | NNTR SWEET | CALCIUM SACCHARIN | NAS 0054 | FEMA 3528 |
| | | | | MANNITOL | NAS 0126 | FEMA 3520 |
| | | | | SACCHARIN | NAS 0171 | FEMA 3672 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| 16 | SOFT CANDY(R) | 19 | NUTR SUPPL | VITAMIN A PALMITATE | NAS 0243 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 19 | NUTR SUPPL | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | SUCROSE | NAS 0328 | |
| 16 | SOFT CANDY(R) | 20 | PH CONTROL | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | CALCIUM HYDROXIDE | NAS 0044 | |
| | | | | CALCIUM PHOSPHATE DI | NAS 0048 | FEMA 3656 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MAGNESIUM PHOSPHATE DI | NAS 0113 | |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | POTASSIUM ACID TARTRATE | NAS 0146 | |
| | | | | POTASSIUM CARBONATE | NAS 0150 | |
| | | | | POTASSIUM CITRATE | NAS 0152 | |
| | | | | SODIUM ACETATE | NAS 0175 | FEMA 3024 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM BISULFITE | NAS 0183 | |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM PHOSPHATE MONO | NAS 0198 | FEMA 3534 |
| | | | | POTASSIUM PHOSPHATE, MONO | NAS 0304 | |
| 16 | SOFT CANDY(R) | 21 | PRESERVATV | BENZOIC ACID | NAS 0029 | FEMA 2131 |
| | | | | METHYLPARABEN | NAS 0128 | FEMA 2710 |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| | | | | PROPYLPARABEN | NAS 0166 | FEMA 2951 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SODIUM DIACETATE | NAS 0190 | FEMA 3512 |
| | | | | SODIUM PROPIONATE | NAS 0201 | FEMA 3513 |
| | | | | SORBIC ACID | NAS 0211 | FEMA 3624 |
| | | | | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| 16 | SOFT CANDY(R) | 22 | PROCES AID | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MAGNESIUM STEARATE | NAS 0116 | |
| | | | | POTASSIUM ACID TARTRATE | NAS 0146 | |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM PHOSPHATE TRI | NAS 0199 | |
| 16 | SOFT CANDY(R) | 23 | PROPL AERT | NITROGEN | NAS 0138 | |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | ALBUMEN | NAS 0413 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 24 | SEQUESTRNT | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| 16 | SOFT CANDY(R) | 25 | SOLV VEHIC | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | TRIACETIN | NAS 0233 | FEMA 2007 |
| | | | | TRIETHYL CITRATE | NAS 0234 | FEMA 3083 |
| | | | | CASTOR, OIL | | FEMA 2263 |
| | | | | BENZYL ALCOHOL | | FEMA 2137 |
| | | | | BENZYL BENZOATE | | FEMA 2138 |
| | | | | BUTYL STEARATE | | FEMA 2214 |
| | | | | DIBUTYL SEBACATE | | FEMA 2373 |
| | | | | DIETHYL SEBACATE | | FEMA 2376 |
| | | | | DIETHYL SUCCINATE | | FEMA 2377 |
| | | | | DIETHYL TARTRATE | | FEMA 2378 |
| | | | | LEVULINIC ACID | | FEMA 2627 |
| | | | | METHYL MYRISTATE | | FEMA 2722 |
| | | | | METHYL DIHYDROABIETATE | | FEMA 3351 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| | | | | TRIPROPIONINE | | FEMA 3402 |
| | | | | ISO-PROPYL MYRISTATE | | FEMA 3378 |
| | | | | BUTYLENE GLYCOL | NAS 0531 | FEMA 3516 |
| | | | | TRICHLOROETHYLENE | NAS 0542 | |
| 16 | SOFT CANDY(R) | 26 | STBLZ THKR | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | AGAR-AGAR | NAS 0004 | FEMA 2012 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | METHYLCELLULOSE | NAS 0127 | FEMA 2696 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | STERCULIA GUM | NAS 0215 | FEMA 2605 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | SORBITAN MONOSTEARATE | NAS 0401 | FEMA 3028 |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | MOLASSES | NAS 0388 | FEMA 3679 |
| | | | | PECTIN | NAS 0335 | |
| 16 | SOFT CANDY(R) | 27 | SURFACTANT | GLYCERIN | NAS 0089 | FEMA 2525 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 16 | SOFT CANDY(R) | 27 | SURFACTANT | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | TRIETHYL CITRATE | NAS 0234 | FEMA 3083 |
| | | | | POLYSORBATE 20 | | FEMA 2915 |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | ALBUMEN | NAS 0413 | |
| 16 | SOFT CANDY(R) | 28 | SURF FINSH | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | BEESWAX | NAS 0026 | |
| | | | | BEESWAX, BLEACHED | NAS 0027 | FEMA 2126 |
| | | | | CARNAUBA WAX | NAS 0061 | FEMA 3514 |
| | | | | MAGNESIUM SILICATE | NAS 0115 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | WAX, SHELLAC | NAS 0332 | |
| | | | | ZEIN, POWDER | NAS 0334 | |
| | | | | CARBOWAX | NAS 0533 | |
| | | | | CONFECTIONERS GLAZE | NAS 0426 | |
| | | | | DEXTRIN | NAS 0338 | FEMA 3556 |
| | | | | MINERAL OIL | NAS 0529 | |
| | | | | PETROLATUM | NAS 0528 | |
| | | | | WAX, EDIBLE | NAS 0546 | |
| 16 | SOFT CANDY(R) | 29 | SYNERGIST | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | COPPER GLUCONATE | NAS 0069 | |
| | | | | CHLOROPHYLL | NAS 0266 | |
| | | | | VEGETABLE OIL, HYDROGENAT | NAS 0438 | |
| 16 | SOFT CANDY(R) | 30 | TEXTURIZER | CALCIUM PHOSPHATE DI | NAS 0048 | FEMA 3656 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | CEREAL SOLIDS, HYDROLYZED | NAS 0423 | |
| | | | | VEGETABLE OIL | NAS 0436 | FEMA 3702 |
| | | | | VEGETABLE OIL, HYDROGENAT | NAS 0438 | |
| 16 | SOFT CANDY(R) | 40 | NUTR SWEET | MANNITOL | NAS 0126 | FEMA 3520 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 17 | CONF FROST(R) | 01 | ANTICAKNG | STARCH, MODIFIED | NAS 0325 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 17 | CONF FROST(R) | 01 | ANTICAKNG | CORN STARCH | NAS 0411 | |
| | | | | STARCH | NAS 0402 | |
| 17 | CONF FROST(R) | 02 | ANTIOXIDNT | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| 17 | CONF FROST(R) | 03 | COLOR | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | POTASSIUM CARBONATE | NAS 0150 | |
| | | | | CARBON | NAS 0262 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | TITANIUM DIOXIDE | NAS 0488 | |
| 17 | CONF FROST(R) | 07 | EMULSIFIER | DIACETYL TAR MONODIGLY | NAS 0076 | |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | LECITHIN, MOD W/HYD PER | NAS 0287 | |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| 17 | CONF FROST(R) | 08 | ENZYME | FUNGAL AMYLOGLUCOSIDASE | NAS 0453 | |
| 17 | CONF FROST(R) | 09 | FIRMN AGNT | GELATIN | NAS 0350 | |
| 17 | CONF FROST(R) | 10 | FLAV ENHNC | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | MILK POWDR WHOLE, ENZ MOD | NAS 0293 | |
| | | | | SUCROSE | NAS 0328 | |
| 17 | CONF FROST(R) | 11 | FLAV AGNT | AGAR-AGAR | NAS 0004 | FEMA 2012 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | TRIACETIN | NAS 0233 | FEMA 2007 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | MILK POWDR WHOLE, ENZ MOD | NAS 0293 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | BALSAM, PERU, OIL | | FEMA 2117 |
| | | | | BAY, SWEET, OIL | | FEMA 2125 |
| | | | | CHERRY BARK, WILD, EXT | | FEMA 2276 |
| | | | | CINNAMON | | FEMA 2289 |
| | | | | CORIANDER, OIL | | FEMA 2334 |
| | | | | GLYCYRRHIZIN, AMMONIATED | | FEMA 2528 |
| | | | | LEMON OIL, TERP/LESS | | FEMA 2626 |
| | | | | ORNGPL OIL SWEET TERP/LES | | FEMA 2826 |
| | | | | PEPPERMINT, OIL | | FEMA 2848 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 17 | CONF FROST(R) | 11 | FLAV AGNT | VANILLA | NAS 0433 | FEMA 3104 |
| | | | | VANILLA EXTRACT | NAS 0482 | FEMA 3105 |
| | | | | ETHYL VANILLIN | | FEMA 2464 |
| | | | | EUGENOL | | FEMA 2467 |
| | | | | PIPERONAL | | FEMA 2911 |
| | | | | BENZOIN, RESIN | | FEMA 2133 |
| | | | | COSTUS ROOT, OIL | | FEMA 2336 |
| | | | | ISOAMYL ACETATE | | FEMA 2055 |
| | | | | A&-ISOBUTYLPHENETHYL ALCO | | FEMA 2208 |
| | | | | ISOBUTYRALDEHYDE | | FEMA 2220 |
| | | | | CITRONELLYL PROPRIONATE | | FEMA 2316 |
| | | | | DE-DECALACTONE | | FEMA 2361 |
| | | | | P&-DIMETHOXYBENZENE | | FEMA 2386 |
| | | | | 4-ETHYLGUAIACOL | | FEMA 2436 |
| | | | | P&-METHOXYBENZALDEHYDE | | FEMA 2670 |
| | | | | OCTYL ACETATE | | FEMA 2806 |
| | | | | VANILLIN | NAS 0336 | FEMA 3107 |
| 17 | CONF FROST(R) | 13 | FORMUL AID | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM SULFATE | NAS 0057 | |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | MAGNESIUM STEARATE | NAS 0116 | |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | GELATIN | NAS 0350 | |
| 17 | CONF FROST(R) | 15 | HUMECTANT | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | TRIACETIN | NAS 0233 | FEMA 2007 |
| 17 | CONF FROST(R) | 17 | LUBRICANT | MAGNESIUM STEARATE | NAS 0116 | |
| | | | | CORN OIL | NAS 0374 | FEMA 3675 |
| 17 | CONF FROST(R) | 18 | NNTR SWEET | MANNITOL | NAS 0126 | FEMA 3520 |
| 17 | CONF FROST(R) | 19 | NUTR SUPPL | CORN SYRUP | NAS 0270 | |
| 17 | CONF FROST(R) | 20 | PH CONTROL | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | POTASSIUM ACID TARTRATE | NAS 0146 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 17 | CONF FROST(R) | 20 | PH CONTROL | POTASSIUM CARBONATE | NAS 0150 | |
| | | | | SODIUM ACID PYROPHOS | NAS 0176 | |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CARBONATE | NAS 0185 | |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| 17 | CONF FROST(R) | 21 | PRESERVATV | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SODIUM BISULFITE | NAS 0183 | |
| | | | | SODIUM PROPIONATE | NAS 0201 | FEMA 3513 |
| | | | | SORBIC ACID | NAS 0211 | FEMA 3624 |
| 17 | CONF FROST(R) | 24 | SEQUESTRNT | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| 17 | CONF FROST(R) | 25 | SOLV VEHIC | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| 17 | CONF FROST(R) | 26 | STBLZ THKR | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | AGAR-AGAR | NAS 0004 | FEMA 2012 |
| | | | | AMMONIUM ALGINATE | NAS 0012 | |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | POTASSIUM ACID TARTRATE | NAS 0146 | |
| | | | | POTASSIUM ALGINATE | NAS 0147 | |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |
| | | | | CELLULOSE | NAS 0265 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | DEXTRIN | NAS 0338 | FEMA 3556 |
| | | | | PECTIN, MODIFIED | NAS 0432 | |
| | | | | STARCH | NAS 0402 | |
| 17 | CONF FROST(R) | 27 | SURFACTANT | AMMONIUM ALGINATE | NAS 0012 | |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | POTASSIUM ACID TARTRATE | NAS 0146 | |
| | | | | GELATIN | NAS 0350 | |
| 17 | CONF FROST(R) | 28 | SURF FINSH | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | AGAR-AGAR | NAS 0004 | FEMA 2012 |
| | | | | BEESWAX, BLEACHED | NAS 0027 | FEMA 2126 |
| | | | | CARNAUBA WAX | NAS 0061 | FEMA 3514 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 17 | CONF FROST(R) | 28 | SURF FINSH | SUCROSE | NAS 0328 | |
| | | | | WAX, SHELLAC | NAS 0332 | |
| | | | | CEREAL SOLIDS, HYDROLYZED | NAS 0423 | |
| 17 | CONF FROST(R) | 30 | TEXTURIZER | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 17 | CONF FROST(R) | 40 | NUTR SWEET | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 18 | JAM JELLY(R) | 02 | ANTIOXIDNT | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| 18 | JAM JELLY(R) | 07 | EMULSIFIER | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| 18 | JAM JELLY(R) | 09 | FIRMN AGNT | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | PECTIN | NAS 0335 | |
| 18 | JAM JELLY(R) | 10 | FLAV ENHNC | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 18 | JAM JELLY(R) | 11 | FLAV AGNT | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | CINNAMON | | FEMA 2289 |
| | | | | CINNAMON BARK, OIL | | FEMA 2291 |
| | | | | CLOVER TOP RED, EXT SOLID | | FEMA 2326 |
| | | | | LEMON, OIL | | FEMA 2625 |
| | | | | ORANGE OIL | NAS 0493 | FEMA 2821 |
| | | | | ORANGE, OIL, TERPENELESS | | FEMA 2822 |
| | | | | PEPPERMINT LEAVES | | FEMA 2847 |
| | | | | PEPPERMINT, OIL | | FEMA 2848 |
| | | | | SPEARMINT, OIL | | FEMA 3032 |
| | | | | INVERT SUGAR | NAS 0429 | |
| 18 | JAM JELLY(R) | 13 | FORMUL AID | CORN SYRUP | NAS 0270 | |
| 18 | JAM JELLY(R) | 18 | NNTR SWEET | CALCIUM SACCHARIN | NAS 0054 | FEMA 3528 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| 18 | JAM JELLY(R) | 19 | NUTR SUPPL | SUCROSE | NAS 0328 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 18 | JAM JELLY(R) | 20 | PH CONTROL | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | POTASSIUM CITRATE | NAS 0152 | |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | FUMARIC ACID | NAS 0382 | FEMA 2488 |
| 18 | JAM JELLY(R) | 21 | PRESERVATV | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SORBIC ACID | NAS 0211 | FEMA 3624 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | SUCROSE | NAS 0328 | |
| 18 | JAM JELLY(R) | 24 | SEQUESTRNT | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| 18 | JAM JELLY(R) | 25 | SOLV VEHIC | GLYCERIN | NAS 0089 | FEMA 2525 |
| 18 | JAM JELLY(R) | 26 | STBLZ THKR | AMMONIUM ALGINATE | NAS 0012 | |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CALCIUM PHOSPHATE DI | NAS 0048 | FEMA 3656 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | PECTIN | NAS 0335 | |
| 18 | JAM JELLY(R) | 27 | SURFACTANT | MONO-DIGLY NA SULFOAC DER | NAS 0294 | |
| 18 | JAM JELLY(R) | 40 | NUTR SWEET | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 19 | SWEET SAUCE(R) | 01 | ANTICAKNG | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| 19 | SWEET SAUCE(R) | 02 | ANTIOXIDNT | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | SODIUM BISULFITE | NAS 0183 | |
| | | | | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| 19 | SWEET SAUCE(R) | 03 | COLOR | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROTENE | NAS 0063 | FEMA 3548 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 19 | SWEET SAUCE(R) | 03 | COLOR | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM BISULFITE | NAS 0183 | |
| 19 | SWEET SAUCE(R) | 07 | EMULSIFIER | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| | | | | PROPYLENE GLYCOL MSTEARAT | NAS 0309 | FEMA 2942 |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| | | | | SORBITAN MONOSTEARATE | NAS 0401 | FEMA 3028 |
| 19 | SWEET SAUCE(R) | 08 | ENZYME | FUNGAL AMYLASE | NAS 0452 | |
| 19 | SWEET SAUCE(R) | 09 | FIRMN AGNT | CALCIUM SULFATE | NAS 0057 | |
| | | | | PECTIN | NAS 0335 | |
| 19 | SWEET SAUCE(R) | 10 | FLAV ENHNC | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | SUCROSE | NAS 0328 | |
| 19 | SWEET SAUCE(R) | 11 | FLAV AGNT | BEESWAX, BLEACHED | NAS 0027 | FEMA 2126 |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | POTASSIUM CARBONATE | NAS 0150 | |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | BRANDY | NAS 0257 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | MALT SYRUP | NAS 0291 | FEMA 3579 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | ALMOND OIL, BITTER, FFPA | | FEMA 2046 |
| | | | | CASSIA | | FEMA 2256 |
| | | | | CHICORY, EXTRACT | | FEMA 2280 |
| | | | | CINNAMON | | FEMA 2289 |
| | | | | FENUGREEK | | FEMA 2484 |
| | | | | FENUGREEK, EXTRACT | | FEMA 2485 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 19 | SWEET SAUCE(R) | 11 | FLAV AGNT | LICORICE, EXTRACT | | FEMA 2628 |
| | | | | NUTMEG | NAS 0431 | FEMA 2792 |
| | | | | ORANGE OIL | NAS 0493 | FEMA 2821 |
| | | | | PEPPERMINT, OIL | | FEMA 2848 |
| | | | | PIPSISSEWA LEAVES, EXT | | FEMA 2914 |
| | | | | SPEARMINT, OIL | | FEMA 3032 |
| | | | | VANILLA EXTRACT | NAS 0482 | FEMA 3105 |
| | | | | COFFEE, EXTRACT | | FEMA 3279 |
| | | | | ACETOIN | NAS 0363 | FEMA 2008 |
| | | | | ANETHOLE | | FEMA 2086 |
| | | | | N-BUTYRIC ACID | NAS 0337 | FEMA 2221 |
| | | | | ETHYL VANILLIN | | FEMA 2464 |
| | | | | BLACKBERRY BARK, EXT | | FEMA 2155 |
| | | | | LABDANUM, OIL | | FEMA 2609 |
| | | | | LOVAGE, EXTRACT | | FEMA 2650 |
| | | | | LOVAGE, OIL | | FEMA 2651 |
| | | | | MT MAPLE, EXT SOLID | | FEMA 2757 |
| | | | | ISOAMYL ACETATE | | FEMA 2055 |
| | | | | ISOBUTYL PHENYLACETATE | | FEMA 2210 |
| | | | | ISOBUTYRIC ACID | | FEMA 2222 |
| | | | | DG-DECALACTONE | | FEMA 2361 |
| | | | | ETHYL PHENYLACETATE | | FEMA 2452 |
| | | | | 4-P-HYDROXYPHEN-BUTANONE | | FEMA 2588 |
| | | | | MALTOL | | FEMA 2656 |
| | | | | 1-P-METHOXYPHEN-1-PENTENO | | FEMA 2673 |
| | | | | METHYLCYCLOPENTENOLONE | | FEMA 2700 |
| | | | | METHYL PHENYLACETATE | | FEMA 2733 |
| | | | | GG-NONALACTONE | | FEMA 2781 |
| | | | | 2,3-PENTANEDIONE | | FEMA 2841 |
| | | | | PHENETHYL ACETATE | | FEMA 2857 |
| | | | | PHENYLACETIC ACID | | FEMA 2878 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | PROPENYLGUAETHOL | | FEMA 2922 |
| | | | | METHYL DISULFIDE | | FEMA 3350 |
| | | | | BIRCH, SWEET, OIL | | FEMA 2154 |
| | | | | PYROLIGNEOUS ACID | | FEMA 2967 |
| | | | | VANILLIN | NAS 0336 | FEMA 3107 |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |
| | | | | RUM | NAS 0475 | |
| 19 | SWEET SAUCE(R) | 13 | FORMUL AID | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 19 | SWEET SAUCE(R) | 18 | NNTH SWEET | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 19 | SWEET SAUCE(R) | 19 | NUTR SUPPL | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | FERRIC PYROPHOSPHATE | NAS 0081 | |
| | | | | FERRIC SODIUM PYROPHOS | NAS 0082 | |
| | | | | NIACIN | NAS 0136 | |
| | | | | NIACINAMIDE | NAS 0137 | |
| | | | | RIBOFLAVIN | NAS 0169 | |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | THIAMINE MONONITRATE | NAS 0222 | |
| | | | | VITAMIN A PALMITATE | NAS 0243 | |
| | | | | VITAMIN D2 | NAS 0245 | |
| 19 | SWEET SAUCE(R) | 20 | PH CONTROL | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM HYDROXIDE | NAS 0044 | |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | HYDROCHLORIC ACID | NAS 0097 | |
| | | | | POTASSIUM PHOSPHATE DI | NAS 0157 | |
| | | | | SODIUM ACETATE | NAS 0175 | FEMA 3024 |
| | | | | SODIUM CARBONATE | NAS 0185 | |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| 19 | SWEET SAUCE(R) | 21 | PRESERVATV | METHYLPARABEN | NAS 0128 | FEMA 2710 |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | PROPYLPARABEN | NAS 0166 | FEMA 2951 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SODIUM BISULFITE | NAS 0183 | |
| | | | | SORBIC ACID | NAS 0211 | FEMA 3624 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | SUCROSE | NAS 0328 | |
| 19 | SWEET SAUCE(R) | 22 | PROCES AID | AMMONIUM SULFATE | NAS 0019 | |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | HYDROCHLORIC ACID | NAS 0097 | |
| 19 | SWEET SAUCE(R) | 24 | SEQUESTRNT | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| 19 | SWEET SAUCE(R) | 25 | SOLV VEHIC | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| 19 | SWEET SAUCE(R) | 26 | STBLZ THKR | AGAR-AGAR | NAS 0004 | FEMA 2012 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 19 | SWEET SAUCE(R) | 26 | STBLZ THKR | AMMONIUM ALGINATE | NAS 0012 | |
| | | | | CALCIUM ACETATE | NAS 0035 | FEMA 2228 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2648 |
| | | | | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | METHYLCELLULOSE | NAS 0127 | FEMA 2696 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |
| | | | | PECTIN | NAS 0335 | |
| 19 | SWEET SAUCE(R) | 27 | SURFACTANT | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | GELATIN | NAS 0350 | |
| 19 | SWEET SAUCE(R) | 29 | SYNERGIST | CALCIUM CHLORIDE | NAS 0039 | |
| 19 | SWEET SAUCE(R) | 30 | TEXTURIZER | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | CELLULOSE | NAS 0265 | |
| 19 | SWEET SAUCE(R) | 40 | NUTR SWEET | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 20 | GELATIN PUD(R) | 01 | ANTICAKNG | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| 20 | GELATIN PUD(R) | 02 | ANTIOXIDNT | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| 20 | GELATIN PUD(R) | 03 | COLOR | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROTENE | NAS 0063 | FEMA 3548 |
| 20 | GELATIN PUD(R) | 06 | DRYNG AGNT | DEXTROSE | NAS 0271 | |
| 20 | GELATIN PUD(R) | 07 | EMULSIFIER | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 07 | EMULSIFIER | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | PROPYLENE GLYCOL MSTEARAT | NAS 0309 | FEMA 2942 |
| | | | | POLYSORBATE 20 | | FEMA 2915 |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| 20 | GELATIN PUD(R) | 08 | ENZYME | PAPAIN | NAS 0142 | |
| | | | | RENNET | NAS 0168 | |
| 20 | GELATIN PUD(R) | 09 | FIRMN AGNT | AMMONIUM PHOSPHATE DI | NAS 0016 | |
| | | | | AMMONIUM SULFATE | NAS 0019 | |
| | | | | CALCIUM CITRATE | NAS 0040 | |
| | | | | CALCIUM PHOSPHATE DI | NAS 0048 | FEMA 3656 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| 20 | GELATIN PUD(R) | 10 | FLAV ENHNC | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | SODIUM CHLORIDE | NAS 0186 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | ADIPIC ACID | NAS 0003 | FEMA 2011 |
| | | | | DL-ALANINE | NAS 0005 | FEMA 3251 |
| | | | | BEESWAX, BLEACHED | NAS 0027 | FEMA 2126 |
| | | | | BENZOIC ACID | NAS 0029 | FEMA 2131 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | CAFFEINE | NAS 0034 | FEMA 2224 |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CAPRYLIC ACID | NAS 0058 | FEMA 2799 |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | L-CYSTEINE | NAS 0071 | FEMA 3285 |
| | | | | DL-CYSTINE | NAS 0072 | FEMA 3286 |
| | | | | ETHYL FORMATE | NAS 0079 | FEMA 2434 |
| | | | | GLUTAMIC ACID | NAS 0087 | FEMA 3307 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | DL-ISOLEUCINE | NAS 0101 | FEMA 3330 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | DL-LEUCINE | NAS 0105 | FEMA 3329 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | DL-PHENYLALANINE | NAS 0143 | FEMA 3372 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | PROPIONIC ACID | NAS 0163 | FEMA 2924 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SODIUM CARBONATE | NAS 0185 | |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | SODIUM CHLORIDE | NAS 0186 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2397 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | TRIACETIN | NAS 0233 | FEMA 2007 |
| | | | | TRIETHYL CITRATE | NAS 0234 | FEMA 3083 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | MILK POWDR WHOLE, ENZ MOD | NAS 0293 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | TANNIC ACID | NAS 0330 | FEMA 3042 |
| | | | | ALFALFA, EXTRACT | | FEMA 2013 |
| | | | | ALLSPICE | | FEMA 2017 |
| | | | | ALLSPICE, OIL | | FEMA 2018 |
| | | | | ALMOND OIL, BITTER, FFPA | | FEMA 2046 |
| | | | | AMBRETTE, ABSOLUTE, OIL | | FEMA 2050 |
| | | | | AMBRETTE SEED, OIL | | FEMA 2051 |
| | | | | AMBRETTE, TINCTURE | | FEMA 2052 |
| | | | | ANGELICA ROOT, EXTRACT | | FEMA 2087 |
| | | | | ANGELICA ROOT, OIL | | FEMA 2088 |
| | | | | ANGELICA SEED, EXTRACT | | FEMA 2089 |
| | | | | ANGELICA SEED, OIL | | FEMA 2090 |
| | | | | ANGELICA STEM, OIL | | FEMA 2091 |
| | | | | ANGOSTURA, EXTRACT | | FEMA 2092 |
| | | | | ANISE, OIL | | FEMA 2094 |
| | | | | ANISE, STAR, OIL | | FEMA 2096 |
| | | | | ASAFETIDA, OIL | | FEMA 2108 |
| | | | | ASH BARK, PRICKLY, EXT | | FEMA 2110 |
| | | | | BALM LEAVES, EXTRACT | | FEMA 2112 |
| | | | | BALM, OIL | | FEMA 2113 |
| | | | | BALSAM, PERU | | FEMA 2116 |
| | | | | BALSAM, PERU, OIL | | FEMA 2117 |
| | | | | BASIL, OIL | | FEMA 2119 |
| | | | | BASIL, OLEORESIN | | FEMA 2120 |
| | | | | BAY LEAVES, W IND, OIL | | FEMA 2122 |
| | | | | BAY LEAVES, W IND, RESIN | | FEMA 2123 |
| | | | | BAY, SWEET, OIL | | FEMA 2125 |
| | | | | BERGAMOT, OIL | | FEMA 2153 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | CANANGA, OIL | FEMA 2232 |
| | | | | CAPSICUM, EXTRACT | FEMA 2233 |
| | | | | CAPSICUM, OLEORESIN | FEMA 2234 |
| | | | | CARAWAY, OIL | FEMA 2238 |
| | | | | CARDAMOM | FEMA 2240 |
| | | | | CARDAMOM SEED, OIL | FEMA 2241 |
| | | | | CARROT, OIL | FEMA 2244 |
| | | | | CASSIA | FEMA 2256 |
| | | | | CASSIA BARK, EXTRACT | FEMA 2257 |
| | | | | CASSIA BARK, OIL | FEMA 2258 |
| | | | | CASTOREUM, EXTRACT | FEMA 2261 |
| | | | | CASTOREUM, LIQUID | FEMA 2262 |
| | | | | CELERY SEED, EXTRACT | FEMA 2269 |
| | | | | CELERY SEED, EXT SOLID | FEMA 2270 |
| | | | | CELERY SEED, OIL | FEMA 2271 |
| | | | | CHAMOMILE FLOWER OIL, ENG | FEMA 2272 |
| | | | | CHAMOMILE FLOWER OIL, HUN | FEMA 2273 |
| | | | | CHAMOMILE FLOWER EXT, ROM | FEMA 2274 |
| | | | | CHAMOMILE FLOWER OIL, ROM | FEMA 2275 |
| | | | | CHERRY BARK, WILD, EXT | FEMA 2276 |
| | | | | CHICORY, EXTRACT | FEMA 2280 |
| | | | | CINNAMON | FEMA 2289 |
| | | | | CINNAMON BARK, EXT | FEMA 2290 |
| | | | | CINNAMON BARK, OIL | FEMA 2291 |
| | | | | CINNAMON LEAF, OIL | FEMA 2292 |
| | | | | CITRONELLA, OIL | FEMA 2308 |
| | | | | CIVET, ABSOLUTE | FEMA 2319 |
| | | | | CLARY, OIL | FEMA 2321 |
| | | | | CLOVE BUD, EXTRACT | FEMA 2322 |
| | | | | CLOVE BUD, OIL | FEMA 2323 |
| | | | | CLOVE BUD, OLEORESIN | FEMA 2324 |
| | | | | CLOVE LEAF, OIL | FEMA 2325 |
| | | | | CLOVE STEM, OIL | FEMA 2328 |
| | | | | COGNAC, GREEN, OIL | FEMA 2331 |
| | | | | COGNAC, WHITE, OIL | FEMA 2332 |
| | | | | CORIANDER | FEMA 2333 |
| | | | | CORIANDER, OIL | FEMA 2334 |
| | | | | CORN SILK | FEMA 2335 |
| | | | | CUMIN, OIL | FEMA 2343 |
| | | | | CURACO PEEL, EXT | FEMA 2344 |
| | | | | CURACAU PEEL, OIL | FEMA 2345 |
| | | | | DANDELION, FLUID EXT | FEMA 2357 |
| | | | | DILL, OIL | FEMA 2383 |
| | | | | DOGGRASS, EXTRACT | FEMA 2403 |
| | | | | ELDER FLOWERS | FEMA 2406 |
| | | | | ESTRAGON, OIL | FEMA 2412 |
| | | | | FENNEL, SWEET, OIL | FEMA 2483 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | FENUGREEK | FEMA 2484 |
| | | | | FENUGREEK, EXTRACT | FEMA 2485 |
| | | | | FENUGREEK, OLEORESIN | FEMA 2486 |
| | | | | GALANGAL ROOT, OIL | FEMA 2500 |
| | | | | GARLIC, OIL | FEMA 2503 |
| | | | | GERANIUM, ROSE, OIL | FEMA 2508 |
| | | | | GINGER | FEMA 2520 |
| | | | | GINGER, EXTRACT | FEMA 2521 |
| | | | | GINGER, OIL | FEMA 2522 |
| | | | | GINGER, OLEORESIN | FEMA 2523 |
| | | | | GLYCYRRHIZIN, AMMONIATED | FEMA 2528 |
| | | | | GRAPEFRUIT, OIL | FEMA 2530 |
| | | | | HOPS, EXTRACT | FEMA 2578 |
| | | | | HOPS, EXTRACT SOLID | FEMA 2579 |
| | | | | HOPS, OIL | FEMA 2580 |
| | | | | HOREHOUND, EXTRACT | FEMA 2581 |
| | | | | HYSSOP, OIL | FEMA 2591 |
| | | | | IMMORTELLE, EXTRACT | FEMA 2592 |
| | | | | JASMINE, ABSOLUTE | FEMA 2598 |
| | | | | JASMINE, CONCRETE | FEMA 2599 |
| | | | | JASMINE, OIL | FEMA 2600 |
| | | | | JUNIPER, EXTRACT | FEMA 2603 |
| | | | | JUNIPER, OIL | FEMA 2604 |
| | | | | KOLA NUT, EXTRACT | FEMA 2607 |
| | | | | LAVANDIN, OIL | FEMA 2618 |
| | | | | LAVENDER, ABSOLUTE | FEMA 2620 |
| | | | | LAVENDER, CONCRETE | FEMA 2621 |
| | | | | LAVENDER, OIL | FEMA 2622 |
| | | | | LEMON, EXTRACT | FEMA 2623 |
| | | | | LEMON-GRASS, OIL | FEMA 2624 |
| | | | | LEMON, OIL | FEMA 2625 |
| | | | | LEMON OIL, TERP/LESS | FEMA 2626 |
| | | | | LICORICE, EXTRACT | FEMA 2628 |
| | | | | LIME, OIL | FEMA 2631 |
| | | | | LIME OIL, TERPENELESS | FEMA 2632 |
| | | | | MACE, OIL | FEMA 2653 |
| | | | | MACE, OLEORESIN | FEMA 2654 |
| | | | | MANDARIN, OIL | FEMA 2657 |
| | | | | MARIGOLD, POT | FEMA 2658 |
| | | | | MARJORAM, OLEORESIN | FEMA 2659 |
| | | | | MARJORAM, SWEET, OIL | FEMA 2663 |
| | | | | MENTHOL | FEMA 2665 |
| | | | | MENTHYL ACETATE | FEMA 2668 |
| | | | | MUSK TONQUIN | FEMA 2759 |
| | | | | NEROLI BIGARDE, OIL | FEMA 2771 |
| | | | | NUTMEG | NAS 0431 FEMA 2792 |
| | | | | NUTMEG, OIL | FEMA 2793 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | ONION, OIL | | FEMA 2817 |
| | | | | ORANGE BLOSSOMS, ABS | | FEMA 2818 |
| | | | | ORANGE FLOWERS | | FEMA 2819 |
| | | | | ORANGE LEAF, ABSOLUTE | | FEMA 2820 |
| | | | | ORANGE OIL | NAS 0493 | FEMA 2821 |
| | | | | ORANGE, OIL, TERPENELESS | | FEMA 2822 |
| | | | | ORANGE PEEL, BITTER, OIL | | FEMA 2823 |
| | | | | ORANGE PEEL, SWEET, OIL | | FEMA 2825 |
| | | | | ORNGPL OIL SWEET TERP/LES | | FEMA 2826 |
| | | | | ORIGANUM, OIL | | FEMA 2828 |
| | | | | PALMAROSA, OIL | | FEMA 2831 |
| | | | | PAPRIKA, OLEORESIN | | FEMA 2834 |
| | | | | PARSLEY, OIL | | FEMA 2836 |
| | | | | PARSLEY, OLEORESIN | | FEMA 2837 |
| | | | | PEPPER, BLACK, OIL | | FEMA 2845 |
| | | | | PEPPER, BLACK, OLEORES | | FEMA 2846 |
| | | | | PEPPERMINT, OIL | | FEMA 2848 |
| | | | | PEPPER, WHITE, OIL | | FEMA 2851 |
| | | | | PETITGRAIN, LEMON, OIL | | FEMA 2853 |
| | | | | PETITGRAIN, MAND, OIL | | FEMA 2854 |
| | | | | PETITGRAIN, OIL | | FEMA 2855 |
| | | | | PIMENTA LEAF, OIL | | FEMA 2901 |
| | | | | PIPSISSEWA LEAVES, EXT | | FEMA 2914 |
| | | | | POPPY SEED | | FEMA 2919 |
| | | | | ROSE, ABSOLUTE | | FEMA 2988 |
| | | | | ROSE BULG/TRUE OTTO, OIL | | FEMA 2989 |
| | | | | ROSEMARY, OIL | | FEMA 2992 |
| | | | | ROSE WATER, STRONGER | | FEMA 2993 |
| | | | | RUE, OIL | | FEMA 2995 |
| | | | | SAGE, OIL | | FEMA 3001 |
| | | | | SAGE, SPANISH, OIL | | FEMA 3003 |
| | | | | SCHINUS MOLLE, OIL | | FEMA 3018 |
| | | | | SPEARMINT | | FEMA 3030 |
| | | | | SPEARMINT, OIL | | FEMA 3032 |
| | | | | SPIKE LAVENDER, OIL | | FEMA 3033 |
| | | | | TANGERINE, OIL | | FEMA 3041 |
| | | | | THYME, OIL | | FEMA 3064 |
| | | | | THYME, WHITE, OIL | | FEMA 3065 |
| | | | | TUBEROSE, OIL | | FEMA 3084 |
| | | | | TURMERIC | | FEMA 3085 |
| | | | | VANILLA | NAS 0433 | FEMA 3104 |
| | | | | VANILLA EXTRACT | NAS 0482 | FEMA 3105 |
| | | | | VANILLA, OLEORESIN | | FEMA 3106 |
| | | | | VIOLET LEAVES, ABSOL | | FEMA 3110 |
| | | | | YLANG YLANG, OIL | | FEMA 3119 |
| | | | | COCOA EXTRACT | | FEMA 3278 |
| | | | | COFFEE, EXTRACT | | FEMA 3279 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | HICKORY, SMOKE, DIST | | FEMA 3320 |
| | | | | LUPULIN | | FEMA 3332 |
| | | | | MALT, EXTRACT | | FEMA 3334 |
| | | | | MATE LEAVES | | FEMA 3336 |
| | | | | TAMARIND, EXTRACT | | FEMA 3395 |
| | | | | TEA, EXTRACT | | FEMA 3397 |
| | | | | ACETALDEHYDE | NAS 0446 | FEMA 2003 |
| | | | | ACETOIN | NAS 0363 | FEMA 2008 |
| | | | | ANETHOLE | | FEMA 2086 |
| | | | | BENZALDEHYDE | NAS 0367 | FEMA 2127 |
| | | | | N-BUTYRIC ACID | NAS 0337 | FEMA 2221 |
| | | | | TRIBUTYRIN | | FEMA 2223 |
| | | | | CARVONE | | FEMA 2249 |
| | | | | CINNAMALDEHYDE | | FEMA 2286 |
| | | | | CINNAMALDE ETHYLENE GLYOL | | FEMA 2287 |
| | | | | CITRAL | | FEMA 2303 |
| | | | | DECANAL | | FEMA 2362 |
| | | | | DIACETYL | | FEMA 2370 |
| | | | | ETHYL ACETATE | NAS 0449 | FEMA 2414 |
| | | | | ETHYL BUTYRATE | | FEMA 2427 |
| | | | | ETHYL METHYLPHENYLGLYCIDA | | FEMA 2444 |
| | | | | ETHYL VANILLIN | | FEMA 2464 |
| | | | | EUGENOL | | FEMA 2467 |
| | | | | GERANIOL | | FEMA 2507 |
| | | | | GERANYL ACETATE | | FEMA 2509 |
| | | | | /G/-LIMONENE | | FEMA 2633 |
| | | | | LINALOOL | | FEMA 2635 |
| | | | | LINALYL ACETATE | | FEMA 2636 |
| | | | | METHYL ANTHRANILATE | NAS 0563 | FEMA 2682 |
| | | | | PIPERONAL | | FEMA 2911 |
| | | | | GLYCEROL TRIBUTYRATE | | FEMA 3308 |
| | | | | ALTHEA ROOT | | FEMA 2048 |
| | | | | BALSAM FIR, OIL | | FEMA 2114 |
| | | | | BALSAM FIR, OLEORESIN | | FEMA 2115 |
| | | | | BENZOIN, RESIN | | FEMA 2133 |
| | | | | BLACKBERRY BARK, EXT | | FEMA 2155 |
| | | | | BORONIA, ABSOLUTE | | FEMA 2167 |
| | | | | BUCHU LEAVES, OIL | | FEMA 2169 |
| | | | | CAMPHOR, JAP, WHITE, OIL | | FEMA 2231 |
| | | | | CASSIE, ABSOLUTE | | FEMA 2260 |
| | | | | CATECHU, EXTRACT | | FEMA 2264 |
| | | | | CEDAR LEAF, OIL | | FEMA 2267 |
| | | | | CHERRY PITS, EXTRACT | | FEMA 2278 |
| | | | | COSTUS ROOT, OIL | | FEMA 2336 |
| | | | | CUBEBS, OIL | | FEMA 2339 |
| | | | | DAVANA, OIL | | FEMA 2359 |
| | | | | ELEMI, GUM | | FEMA 2407 |

TABLE 10 -- SUBSTANCES (GROUP 1-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | ELEMI, OIL | | FEMA 2408 |
| | | | | EUCALYPTUS, OIL | | FEMA 2466 |
| | | | | GALBANUM, OIL | | FEMA 2501 |
| | | | | GALBANUM, RESIN | | FEMA 2502 |
| | | | | GENET, ABSOLUTE | | FEMA 2504 |
| | | | | GENET, EXTRACT | | FEMA 2505 |
| | | | | GENTIAN ROOT, EXTRACT | | FEMA 2506 |
| | | | | GUAIAC WOOD, EXTRACT | | FEMA 2533 |
| | | | | GUAIAC WOOD, OIL | | FEMA 2534 |
| | | | | LABDANUM, ABSOLUTE | | FEMA 2608 |
| | | | | LABDANUM, OIL | | FEMA 2609 |
| | | | | LABDANUM, OLEORESIN | | FEMA 2610 |
| | | | | LINALOE WOOD, OIL | | FEMA 2634 |
| | | | | LOVAGE, EXTRACT | | FEMA 2650 |
| | | | | LOVAGE, OIL | | FEMA 2651 |
| | | | | MIMOSA, ABSOLUTE | | FEMA 2755 |
| | | | | MT MAPLE, EXT SOLID | | FEMA 2757 |
| | | | | MYRRH, OIL | | FEMA 2766 |
| | | | | OAK CHIPS, EXTRACT | | FEMA 2794 |
| | | | | OAK MOSS, ABSOLUTE | | FEMA 2795 |
| | | | | OLIBANUM, OIL | | FEMA 2816 |
| | | | | ORRIS, CONCRETE, LIQ/OIL | | FEMA 2829 |
| | | | | ORRIS ROOT EXTRACT | | FEMA 2830 |
| | | | | PATCHOULY, OIL | | FEMA 2838 |
| | | | | PENNYROYAL, OIL | | FEMA 2839 |
| | | | | PINE NEED, DWARF, OIL | | FEMA 2904 |
| | | | | PINE, SCOTCH, OIL | | FEMA 2906 |
| | | | | QUASSIA, EXTRACT | | FEMA 2971 |
| | | | | QUEBRACHO BARK, EXTRACT | | FEMA 2972 |
| | | | | QUILLAJA | NAS 0399 | FEMA 2973 |
| | | | | RHATANY, EXTRACT | | FEMA 2979 |
| | | | | SANDALWOOD, YELLOW, OIL | | FEMA 3005 |
| | | | | SPRUCE, OIL | | FEMA 3034 |
| | | | | STORAX | | FEMA 3036 |
| | | | | STYRAX, EXTRACT | | FEMA 3037 |
| | | | | TAGETES, OIL | | FEMA 3040 |
| | | | | TOLU, BALSAM, EXTRACT | | FEMA 3069 |
| | | | | TOLU, BALSAM, GUM | | FEMA 3070 |
| | | | | TURPENTINE, STEAM DIS | | FEMA 3089 |
| | | | | VALERIAN ROOT, EXTR | | FEMA 3099 |
| | | | | VALERIAN ROOT, OIL | | FEMA 3100 |
| | | | | WALNUT HULL, EXTRACT | | FEMA 3111 |
| | | | | WORMWOOD, EXTRACT | | FEMA 3115 |
| | | | | WORMWOOD, OIL | | FEMA 3116 |
| | | | | AMYRIS | | FEMA 3254 |
| | | | | ARNICA, FLOWERS | | FEMA 3256 |
| | | | | COPAIBA | | FEMA 3280 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | DAMIANA, LEAVES | FEMA 3288 |
| | | | | ELECAMPANE, RI&IZ/ROOT | FEMA 3294 |
| | | | | GENTIAN, STEMLESS | FEMA 3304 |
| | | | | LEMON, VERBENA | FEMA 3327 |
| | | | | LUNGMOSS (LUNGWORT) | FEMA 3331 |
| | | | | OPOPANAX | FEMA 3365 |
| | | | | RHUBARB, ROOT | FEMA 3382 |
| | | | | ROSELLE | FEMA 3383 |
| | | | | ST. JOHNSWORT | FEMA 3385 |
| | | | | SERPENTARIA | FEMA 3389 |
| | | | | SIMARUBA, BARK | FEMA 3390 |
| | | | | VETIVER | FEMA 3406 |
| | | | | VIOLET, SWISS | FEMA 3407 |
| | | | | WOODRUFF, SWEET | FEMA 3408 |
| | | | | ACETAL | FEMA 2002 |
| | | | | ACETALDEHYDE PHENETHYL PR | FEMA 2004 |
| | | | | ACETANISOLE | FEMA 2005 |
| | | | | ACETOPHENONE | FEMA 2009 |
| | | | | ALLYL ANTHRANILATE | FEMA 2020 |
| | | | | ALLYL BUTYRATE | FEMA 2021 |
| | | | | ALLYL CINNAMATE | FEMA 2022 |
| | | | | ALLYL CYCLOHEXANEACETATE | FEMA 2023 |
| | | | | ALLYL CYCLOHEXANEBUTYRATE | FEMA 2024 |
| | | | | ALLYL CYCLOHEXANEHEXANOAT | FEMA 2025 |
| | | | | ALLYL CYCLOHEXANEPROPIONA | FEMA 2026 |
| | | | | ALLYL CYCLOHEXANEVALERATE | FEMA 2027 |
| | | | | DIALLYL DISULFIDE | FEMA 2028 |
| | | | | ALLYL 2-ETHYLBUTYRATE | FEMA 2029 |
| | | | | ALLYL HEXANOATE | FEMA 2032 |
| | | | | ALLYL A&-IONONE | FEMA 2033 |
| | | | | ALLYL ISOTHIOCYANATE | FEMA 2034 |
| | | | | ALLYL MERCAPTAN | FEMA 2035 |
| | | | | ALLYL NONANOATE | FEMA 2036 |
| | | | | ALLYL OCTANOATE | FEMA 2037 |
| | | | | ALLYL PHENOXYACETATE | FEMA 2038 |
| | | | | ALLYL PHENYLACETATE | FEMA 2039 |
| | | | | ALLYL PROPIONATE | FEMA 2040 |
| | | | | ALLYL SORBATE | FEMA 2041 |
| | | | | DIALLYL SULFIDE | FEMA 2042 |
| | | | | ALLYL TIGLATE | FEMA 2043 |
| | | | | ALLYL 1-UNDECENOATE | FEMA 2044 |
| | | | | ALLYL ISOVALERATE | FEMA 2045 |
| | | | | AMMONIUM ISOVALERATE | FEMA 2054 |
| | | | | ISOAMYL ACETATE | FEMA 2055 |
| | | | | AMYL ALCOHOL | FEMA 2056 |
| | | | | ISOAMYL ALCOHOL | FEMA 2057 |
| | | | | ISOAMYL BENZOATE | FEMA 2058 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | AMYL BUTYRATE | FEMA 2059 |
| | | | | ISOAMYL BUTYRATE | FEMA 2060 |
| | | | | A&-AMYLCINNAMALDEHYDE | FEMA 2061 |
| | | | | A&-AMYLCINNAMALDEHYD DIME | FEMA 2062 |
| | | | | ISOAMYL CINNAMATE | FEMA 2063 |
| | | | | A&-AMYLCINNAMYL ACETATE | FEMA 2064 |
| | | | | A&-AMYLCINNAMYL ALCOHOL | FEMA 2065 |
| | | | | A&-AMYLCINNAMYL FORMATE | FEMA 2066 |
| | | | | A&-AMYLCINNAMYL ISOVALER | FEMA 2067 |
| | | | | AMYL FORMATE | FEMA 2068 |
| | | | | ISOAMYL FORMATE | FEMA 2069 |
| | | | | ISOAMYL 2-FURANBUTYRATE | FEMA 2070 |
| | | | | ISOAMYL 2-FURANPROPIONATE | FEMA 2071 |
| | | | | AMYL HEPTANOATE | FEMA 2073 |
| | | | | AMYL HEXANOATE | FEMA 2074 |
| | | | | ISOAMYL HEXANOATE | FEMA 2075 |
| | | | | ISOAMYL NONANOATE | FEMA 2078 |
| | | | | AMYL OCTANOATE | FEMA 2079 |
| | | | | ISOAMYL OCTANOATE | FEMA 2080 |
| | | | | ISOAMYL PHENYLACETATE | FEMA 2081 |
| | | | | ISOAMYL PROPIONATE | FEMA 2082 |
| | | | | ISOAMYL PYRUVATE | FEMA 2083 |
| | | | | ISOAMYL SALICYLATE | FEMA 2084 |
| | | | | ISOAMYL ISOVALERATE | FEMA 2085 |
| | | | | ANISOLE | FEMA 2097 |
| | | | | ANISYL ACETATE | FEMA 2098 |
| | | | | ANISYL ALCOHOL | FEMA 2099 |
| | | | | ANISYL BUTYRATE | FEMA 2100 |
| | | | | ANISYL FORMATE | FEMA 2101 |
| | | | | ANISYL PROPIONATE | FEMA 2102 |
| | | | | BENZALDEHYDE DIME ACETAL | FEMA 2128 |
| | | | | BENZALD. GLYCERYL ACETAL | FEMA 2129 |
| | | | | BENZALD PROPYLENE GLYC | FEMA 2130 |
| | | | | BENZOIN | FEMA 2132 |
| | | | | BENZOPHENONE | FEMA 2134 |
| | | | | BENZYL ACETATE | FEMA 2135 |
| | | | | BENZYL ACETOACETATE | FEMA 2136 |
| | | | | BENZYL ALCOHOL | FEMA 2137 |
| | | | | BENZYL BENZOATE | FEMA 2138 |
| | | | | BENZYL BUTYL ETHER | FEMA 2139 |
| | | | | BENZYL BUTYRATE | FEMA 2140 |
| | | | | BENZYL ISOBUTYRATE | FEMA 2141 |
| | | | | BENZYL CINNAMATE | FEMA 2142 |
| | | | | BENZYL 2,3-DIMETHYLCROTON | FEMA 2143 |
| | | | | BENZYL ETHYL ETHER | FEMA 2144 |
| | | | | BENZYL FORMATE | FEMA 2145 |
| | | | | 3-BENZYL-4-HEPTANONE | FEMA 2146 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | BENZYL MERCAPTAN | FEMA 2147 |
| | | | | BENZYL METHOXYETHYL ACETA | FEMA 2148 |
| | | | | BENZYL PHENYLACETATE | FEMA 2149 |
| | | | | BENZYL PROPIONATE | FEMA 2150 |
| | | | | BENZYL SALICYLATE | FEMA 2151 |
| | | | | BENZYL ISOVALERATE | FEMA 2152 |
| | | | | BOIS DE ROSE, OIL | FEMA 2156 |
| | | | | BORNEOL | FEMA 2157 |
| | | | | ISOBORNEOL | FEMA 2158 |
| | | | | BORNYL ACETATE | FEMA 2159 |
| | | | | ISOBORNYL ACETATE | FEMA 2160 |
| | | | | BORNYL FORMATE | FEMA 2161 |
| | | | | ISOBORNYL FORMATE | FEMA 2162 |
| | | | | ISOBORNYL PROPIONATE | FEMA 2163 |
| | | | | BORNYL ISOVALERATE | FEMA 2165 |
| | | | | ISOBORNYL ISOVALERATE | FEMA 2166 |
| | | | | 2-BUTANONE | FEMA 2170 |
| | | | | BUTTER ACIDS | FEMA 2171 |
| | | | | BUTTER ESTERS | FEMA 2172 |
| | | | | BUTTER STARTER DIST | FEMA 2173 |
| | | | | BUTYL ACETATE | FEMA 2174 |
| | | | | ISOBUTYL ACETATE | FEMA 2175 |
| | | | | BUTYL ACETOACETATE | FEMA 2176 |
| | | | | ISOBUTYL ACETOACETATE | FEMA 2177 |
| | | | | BUTYL ALCOHOL | FEMA 2178 |
| | | | | ISOBUTYL ALCOHOL | FEMA 2179 |
| | | | | ISOBUTYL ANGELATE | FEMA 2180 |
| | | | | BUTYL ANTHRANILATE | FEMA 2181 |
| | | | | ISOBUTYL ANTHRANILATE | FEMA 2182 |
| | | | | ISOBUTYL BENZOATE | FEMA 2185 |
| | | | | BUTYL BUTYRATE | FEMA 2186 |
| | | | | ISOBUTYL BUTYRATE | FEMA 2187 |
| | | | | BUTYL ISOBUTYRATE | FEMA 2188 |
| | | | | ISOBUTYL ISOBUTYRATE | FEMA 2189 |
| | | | | BUTYL BUTYRYLLACTATE | FEMA 2190 |
| | | | | A&-BUTYLCINNAMALDEHYDE | FEMA 2191 |
| | | | | BUTYL CINNAMATE | FEMA 2192 |
| | | | | ISOBUTYL CINNAMATE | FEMA 2193 |
| | | | | BUTYL 2-DECENOATE | FEMA 2194 |
| | | | | BUTYL ETHYL MALONATE | FEMA 2195 |
| | | | | BUTYL FORMATE | FEMA 2196 |
| | | | | ISOBUTYL FORMATE | FEMA 2197 |
| | | | | ISOBUTYL 2-FURANPROPIONAT | FEMA 2198 |
| | | | | BUTYL HEPTANOATE | FEMA 2199 |
| | | | | ISOBUTYL HEPTANOATE | FEMA 2200 |
| | | | | BUTYL HEXANOATE | FEMA 2201 |
| | | | | ISOBUTYL HEXANOATE | FEMA 2202 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | BUTYL LACTATE | FEMA 2205 |
| | | | | BUTYL LEVULINATE | FEMA 2207 |
| | | | | A&-ISOBUTYLPHENETHYL ALCO | FEMA 2208 |
| | | | | BUTYL PHENYLACETATE | FEMA 2209 |
| | | | | ISOBUTYL PHENYLACETATE | FEMA 2210 |
| | | | | BUTYL PROPIONATE | FEMA 2211 |
| | | | | ISOBUTYL PROPIONATE | FEMA 2212 |
| | | | | ISOBUTYL SALICYLATE | FEMA 2213 |
| | | | | BUTYL STEARATE | FEMA 2214 |
| | | | | DIBUTYL SULFIDE | FEMA 2215 |
| | | | | BUTYL 10-UNDECENOATE | FEMA 2216 |
| | | | | BUTYL VALERATE | FEMA 2217 |
| | | | | BUTYL ISOVALERATE | FEMA 2218 |
| | | | | BUTYRALDEHYDE | FEMA 2219 |
| | | | | ISOBUTYRALDEHYDE | FEMA 2220 |
| | | | | ISOBUTYRIC ACID | FEMA 2222 |
| | | | | CAMPHENE | FEMA 2229 |
| | | | | /&/-CAMPHOR | FEMA 2230 |
| | | | | CARVACROL | FEMA 2245 |
| | | | | CARVACRYL ETHYL ETHER | FEMA 2246 |
| | | | | CARVEOL | FEMA 2247 |
| | | | | 4-CARVOMENTHENOL | FEMA 2248 |
| | | | | CARVYL ACETATE | FEMA 2250 |
| | | | | CARVYL PROPIONATE | FEMA 2251 |
| | | | | B&-CARYOPHYLLENE | FEMA 2252 |
| | | | | CINNAMIC ACID | FEMA 2288 |
| | | | | CINNAMYL ACETATE | FEMA 2293 |
| | | | | CINNAMYL ALCOHOL | FEMA 2294 |
| | | | | CINNAMYL ANTHRANILATE | FEMA 2295 |
| | | | | CINNAMYL BUTYRATE | FEMA 2296 |
| | | | | CINNAMYL ISOBUTYRATE | FEMA 2297 |
| | | | | CINNAMYL CINNAMATE | FEMA 2298 |
| | | | | CINNAMYL FORMATE | FEMA 2299 |
| | | | | CINNAMYL PHENYLACETATE | FEMA 2300 |
| | | | | CINNAMYL PROPIONATE | FEMA 2301 |
| | | | | CINNAMYL ISOVALERATE | FEMA 2302 |
| | | | | CITRAL DIETHYL ACETAL | FEMA 2304 |
| | | | | CITRAL DIMETHYL ACETAL | FEMA 2305 |
| | | | | CITRONELLAL | FEMA 2307 |
| | | | | DL-CITRONELLOL | FEMA 2309 |
| | | | | CITRONELLOXYACETALDEHYDE | FEMA 2310 |
| | | | | CITRONELLYL ACETATE | FEMA 2311 |
| | | | | CITRONELLYL BUTYRATE | FEMA 2312 |
| | | | | CITRONELLYL ISOBUTYRATE | FEMA 2313 |
| | | | | CITRONELLYL FORMATE | FEMA 2314 |
| | | | | CITRONELLYL PHENYLACETATE | FEMA 2315 |
| | | | | CITRONELLYL PROPRIONATE | FEMA 2316 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | CITRONELLYL VALERATE | FEMA 2317 |
| | | | | P@-CRESOL | FEMA 2337 |
| | | | | CUMINALDEHYDE | FEMA 2341 |
| | | | | CYCLOHEXYL ACETATE | FEMA 2349 |
| | | | | CYCLOHEXYL ANTHRANILATE | FEMA 2350 |
| | | | | CYCLOHEXYL BUTYRATE | FEMA 2351 |
| | | | | CYCLOHEXYL CINNAMATE | FEMA 2352 |
| | | | | CYCLOHEXYL FORMATE | FEMA 2353 |
| | | | | CYCLOHEXYL PROPIONATE | FEMA 2354 |
| | | | | CYCLOHEXYL ISOVALERATE | FEMA 2355 |
| | | | | P@-CYMENE | FEMA 2356 |
| | | | | G&-DECALACTONE | FEMA 2360 |
| | | | | D&-DECALACTONE | FEMA 2361 |
| | | | | DECANAL DIMETHYL ACETAL | FEMA 2363 |
| | | | | 1-DECANOL | FEMA 2365 |
| | | | | 2-DECENAL | FEMA 2366 |
| | | | | DECYL ACETATE | FEMA 2367 |
| | | | | DECYL BUTYRATE | FEMA 2368 |
| | | | | DECYL PROPIONATE | FEMA 2369 |
| | | | | DIBENZYL ETHER | FEMA 2371 |
| | | | | 4,4-DIBUTYL-G&-BUTYROLACT | FEMA 2372 |
| | | | | DIBUTYL SEBACATE | FEMA 2373 |
| | | | | DIETHYL MALATE | FEMA 2374 |
| | | | | DIETHYL MALONATE | FEMA 2375 |
| | | | | DIETHYL SEBACATE | FEMA 2376 |
| | | | | DIETHYL SUCCINATE | FEMA 2377 |
| | | | | DIETHYL TARTRATE | FEMA 2378 |
| | | | | DIHYDROCARVEOL | FEMA 2379 |
| | | | | DIHYDROCARVYL ACETATE | FEMA 2380 |
| | | | | M@-DIMETHOXYBENZENE | FEMA 2385 |
| | | | | P@-DIMETHOXYBENZENE | FEMA 2386 |
| | | | | 2,4-DIMETHYLACETOPHENONE | FEMA 2387 |
| | | | | A&-DIMETHYLBENZYL ISOBUTY | FEMA 2388 |
| | | | | 2,6-DIMETHYL-5-HEPTENAL | FEMA 2389 |
| | | | | 2,6-DIMETHYLOCTANAL | FEMA 2390 |
| | | | | A&-DIMETHYLPHENETHYL ACET | FEMA 2392 |
| | | | | A&-DIMETHYLPHENETHYL ALCO | FEMA 2393 |
| | | | | A&-DIMETHYLPHENETHYL BUTY | FEMA 2394 |
| | | | | A&-DIMETHYLPHENETHYL FORM | FEMA 2395 |
| | | | | DIMETHYL SUCCINATE | FEMA 2396 |
| | | | | 1,3-DIPHENYL PROPANONE-2 | FEMA 2397 |
| | | | | G&-DODECALACTONE | FEMA 2400 |
| | | | | D&-DODECALACTONE | FEMA 2401 |
| | | | | 2-DODECENAL | FEMA 2402 |
| | | | | ESTRAGOLE | FEMA 2411 |
| | | | | P@-ETHOXYBENZALDEHYDE | FEMA 2413 |
| | | | | ETHYL ACETOACETATE | FEMA 2415 |

TABLE 10 -- SUBSTANCES (GROUP 1-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | ETHYL 2-ACETYL-3-PHENYLPR | FEMA 2416 |
| | | | | ETHYL ACONITATE | FEMA 2417 |
| | | | | ETHYL ACRYLATE | FEMA 2418 |
| | | | | ETHYL P@-ANISATE | FEMA 2420 |
| | | | | ETHYL ANTHRANILATE | FEMA 2421 |
| | | | | ETHYL BENZOATE | FEMA 2422 |
| | | | | ETHYL BENZOYLACETATE | FEMA 2423 |
| | | | | AE-ETHYLBENZYL BUTYRATE | FEMA 2424 |
| | | | | 2-ETHYLBUTYL ACETATE | FEMA 2425 |
| | | | | 2-ETHYLBUTYRALDEHYDE | FEMA 2426 |
| | | | | ETHYL ISOBUTYRATE | FEMA 2428 |
| | | | | 2-ETHYLBUTYRIC ACID | FEMA 2429 |
| | | | | ETHYL CINNAMATE | FEMA 2430 |
| | | | | ETHYL CYCLOHEXANEPROPIONA | FEMA 2431 |
| | | | | ETHYL DECANOATE | FEMA 2432 |
| | | | | ETHYL 2-FURANPROPIONATE | FEMA 2435 |
| | | | | 4-ETHYLGUAIACOL | FEMA 2436 |
| | | | | ETHYL HEPTANOATE | FEMA 2437 |
| | | | | 2-ETHYL-2-HEPTENAL | FEMA 2438 |
| | | | | ETHYL HEXANOATE | FEMA 2439 |
| | | | | ETHYL LACTATE | FEMA 2440 |
| | | | | ETHYL LAURATE | FEMA 2441 |
| | | | | ETHYL LEVULINATE | FEMA 2442 |
| | | | | ETHYL 2-METHYLBUTYRATE | FEMA 2443 |
| | | | | ETHYL MYRISTATE | FEMA 2445 |
| | | | | ETHYL NITRITE | FEMA 2446 |
| | | | | ETHYL NONANOATE | FEMA 2447 |
| | | | | ETHYL 2-NONYNOATE | FEMA 2448 |
| | | | | ETHYL OCTANOATE | FEMA 2449 |
| | | | | ETHYL OLEATE | FEMA 2450 |
| | | | | ETHYL PHENYLACETATE | FEMA 2452 |
| | | | | ETHYL 4-PHENYLBUTYRATE | FEMA 2453 |
| | | | | ETHYL 3-PHENYLGLYCIDATE | FEMA 2454 |
| | | | | ETHYL 3-PHENYLPROPIONATE | FEMA 2455 |
| | | | | ETHYL PROPIONATE | FEMA 2456 |
| | | | | ETHYL PYRUVATE | FEMA 2457 |
| | | | | ETHYL SALICYLATE | FEMA 2458 |
| | | | | ETHYL TIGLATE | FEMA 2460 |
| | | | | ETHYL 10-UNDECENOATE | FEMA 2461 |
| | | | | ETHYL VALERATE | FEMA 2462 |
| | | | | ETHYL ISOVALERATE | FEMA 2463 |
| | | | | EUCALYPTOL | FEMA 2465 |
| | | | | ISOEUGENOL | FEMA 2468 |
| | | | | EUGENYL ACETATE | FEMA 2469 |
| | | | | ISOEUGENYL ACETATE | FEMA 2470 |
| | | | | EUGENYL BENZOATE | FEMA 2471 |
| | | | | ISOEUGENYL ETHYL ETHER | FEMA 2472 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | EUGENYL FORMATE | FEMA 2473 |
| | | | | ISOEUGENYL FORMATE | FEMA 2474 |
| | | | | EUGENYL METHYL ETHER | FEMA 2475 |
| | | | | ISOEUGENYL METHYL ETHER | FEMA 2476 |
| | | | | ISOEUGENYL PHENYLACETATE | FEMA 2477 |
| | | | | FARNESOL | FEMA 2478 |
| | | | | /6/-FENCHONE | FEMA 2479 |
| | | | | FENCHYL ALCOHOL | FEMA 2480 |
| | | | | FORMIC ACID | FEMA 2487 |
| | | | | /2-FURYL/-2-PROPANONE | FEMA 2496 |
| | | | | ISOAMYL FUSEL OIL | FEMA 2497 |
| | | | | GERANYL ACETOACETATE | FEMA 2510 |
| | | | | GERANYL BENZOATE | FEMA 2511 |
| | | | | GERANYL BUTYRATE | FEMA 2512 |
| | | | | GERANYL ISOBUTYRATE | FEMA 2513 |
| | | | | GERANYL FORMATE | FEMA 2514 |
| | | | | GERANYL HEXANOATE | FEMA 2515 |
| | | | | GERANYL PHENYLACETATE | FEMA 2516 |
| | | | | GERANYL PROPIONATE | FEMA 2517 |
| | | | | GERANYL ISOVALERATE | FEMA 2518 |
| | | | | GUAIACOL | FEMA 2532 |
| | | | | GUAIACYL PHENYLACETATE | FEMA 2535 |
| | | | | G&-HEPTALACTONE | FEMA 2539 |
| | | | | HEPTANAL | FEMA 2540 |
| | | | | HEPTANAL DIMETHYL ACETAL | FEMA 2541 |
| | | | | HEPTANAL GLYCERYL ACETAL | FEMA 2542 |
| | | | | 2,3-HEPTANEDIONE | FEMA 2543 |
| | | | | 2-HEPTANONE | FEMA 2544 |
| | | | | 3-HEPTANONE | FEMA 2545 |
| | | | | 4-HEPTANONE | FEMA 2546 |
| | | | | HEPTYL ACETATE | FEMA 2547 |
| | | | | HEPTYL ALCOHOL | FEMA 2548 |
| | | | | HEPTYL BUTYRATE | FEMA 2549 |
| | | | | HEPTYL ISOBUTYRATE | FEMA 2550 |
| | | | | HEPTYL CINNAMATE | FEMA 2551 |
| | | | | HEPTYL FORMATE | FEMA 2552 |
| | | | | HEPTYL OCTANOATE | FEMA 2553 |
| | | | | WE-6-HEXADECENLACTONE | FEMA 2555 |
| | | | | G&-HEXALACTONE | FEMA 2556 |
| | | | | HEXANAL | FEMA 2557 |
| | | | | 2,3-HEXANEDIONE | FEMA 2558 |
| | | | | HEXANOIC ACID | FEMA 2559 |
| | | | | 2-HEXENAL | FEMA 2560 |
| | | | | 2-HEXENOL-1 | FEMA 2562 |
| | | | | 3-HEXENOL-1 | FEMA 2563 |
| | | | | 2-HEXENYL ACETATE | FEMA 2564 |
| | | | | HEXYL ACETATE | FEMA 2565 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | HEXYL ALCOHOL | FEMA 2567 |
| | | | | HEXYL BUTYRATE | FEMA 2568 |
| | | | | A&-HEXYLCINNAMALDEHYDE | FEMA 2569 |
| | | | | HEXYL FORMATE | FEMA 2570 |
| | | | | HEXYL HEXANOATE | FEMA 2572 |
| | | | | 2-HEXYLIDENECYCLOPENTANON | FEMA 2573 |
| | | | | HEXYL OCTANOATE | FEMA 2575 |
| | | | | HEXYL PROPIONATE | FEMA 2576 |
| | | | | HYDROXYCITRONELLAL | FEMA 2583 |
| | | | | HYDROXYCITRONELLAL DIETHY | FEMA 2584 |
| | | | | HYDROXYCITRONELLAL DIMETH | FEMA 2585 |
| | | | | HYDROXYCITRONELLOL | FEMA 2586 |
| | | | | 5-HYDROXY-4-OCTANONE | FEMA 2587 |
| | | | | 4-P-HYDROXYPHEN-BUTANONE | FEMA 2588 |
| | | | | INDOLE | FEMA 2593 |
| | | | | A&-IONONE | FEMA 2594 |
| | | | | B&-IONONE | FEMA 2595 |
| | | | | A&-IRONE | FEMA 2597 |
| | | | | LAURIC ALDEHYDE | FEMA 2615 |
| | | | | LAURYL ACETATE | FEMA 2616 |
| | | | | LAURYL ALCOHOL | FEMA 2617 |
| | | | | LEVULINIC ACID | FEMA 2627 |
| | | | | LINALYL ANTHRANILATE | FEMA 2637 |
| | | | | LINALYL BENZOATE | FEMA 2638 |
| | | | | LINALYL BUTYRATE | FEMA 2639 |
| | | | | LINALYL ISOBUTYRATE | FEMA 2640 |
| | | | | LINALYL CINNAMATE | FEMA 2641 |
| | | | | LINALYL FORMATE | FEMA 2642 |
| | | | | LINALYL HEXANOATE | FEMA 2643 |
| | | | | LINALYL OCTANOATE | FEMA 2644 |
| | | | | LINALYL PROPIONATE | FEMA 2645 |
| | | | | LINALYL ISOVALERATE | FEMA 2646 |
| | | | | MALTOL | FEMA 2656 |
| | | | | P&-MENTHA-1,8-DIENOL-7 | FEMA 2664 |
| | | | | /&/-NEOMENTHOL | FEMA 2666 |
| | | | | MENTHONE | FEMA 2667 |
| | | | | MENTHYL ISOVALERATE | FEMA 2669 |
| | | | | P&-METHOXYBENZALDEHYDE | FEMA 2670 |
| | | | | 2-METHOXY-4-METHYLPHENOL | FEMA 2671 |
| | | | | 4-P-METHOXYPHENY-BUTANONE | FEMA 2672 |
| | | | | 1-P-METHOXYPHEN-1-PENTENO | FEMA 2673 |
| | | | | 1-P-METHOXYPHEN-PROPANONE | FEMA 2674 |
| | | | | 2-METHOXY-4-VINYLPHENOL | FEMA 2675 |
| | | | | METHYL ACETATE | FEMA 2676 |
| | | | | P&-METHYL ACETOPHENONE | FEMA 2677 |
| | | | | 2-METHYLALLYL BUTYRATE | FEMA 2678 |
| | | | | METHYL ANISATE | FEMA 2679 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | O&-METHYLANISOLE | FEMA 2680 |
| | | | | P&-METHYLANISOLE | FEMA 2681 |
| | | | | METHYL BENZOATE | FEMA 2683 |
| | | | | A&-METHYLBENZYL ACETATE | FEMA 2684 |
| | | | | A&-METHYLBENZYL ALCOHOL | FEMA 2685 |
| | | | | A&-METHYLBENZYL BUTYRATE | FEMA 2686 |
| | | | | A&-METHYLBENZYL ISOBUTYRA | FEMA 2687 |
| | | | | A&-METHYLBENZYL FORMATE | FEMA 2688 |
| | | | | A&-METHYLBENZYL PROPIONAT | FEMA 2689 |
| | | | | METHYL P&-TERT-BUTYLPHENY | FEMA 2690 |
| | | | | 2-METHYLBUTYRALDEHYDE | FEMA 2691 |
| | | | | 3-METHYLBUTYRALDEHYDE | FEMA 2692 |
| | | | | METHYL BUTYRATE | FEMA 2693 |
| | | | | METHYL ISOBUTYRATE | FEMA 2694 |
| | | | | 2-METHYLBUTYRIC ACID | FEMA 2695 |
| | | | | A&-METHYLCINNAMALDEHYDE | FEMA 2697 |
| | | | | METHYL CINNAMATE | FEMA 2698 |
| | | | | METHYLCYCLOPENTENOLONE | FEMA 2700 |
| | | | | METHYL HEPTANOATE | FEMA 2705 |
| | | | | 2-METHYLHEPTANOIC ACID | FEMA 2706 |
| | | | | 6-METHYL-5-HEPTENONE-2 | FEMA 2707 |
| | | | | METHYL HEXANOATE | FEMA 2708 |
| | | | | METHYL 2-HEXENOATE | FEMA 2709 |
| | | | | METHYL-A&-IONONE | FEMA 2711 |
| | | | | METHYL-B&-IONONE | FEMA 2712 |
| | | | | METHYL-D&-IONONE | FEMA 2713 |
| | | | | ISOMETHYLIONONE, A&- | FEMA 2714 |
| | | | | METHYL LAURATE | FEMA 2715 |
| | | | | METHYL MERCAPTAN | FEMA 2716 |
| | | | | METHYL O&-METHOXYBENZOATE | FEMA 2717 |
| | | | | METHYL N-METHYLANTHRANILA | FEMA 2718 |
| | | | | METHYL 2-METHYLBUTYRATE | FEMA 2719 |
| | | | | METHYL 3-METHYLTHIOPROPIO | FEMA 2720 |
| | | | | METHYL 4-METHYLVALERATE | FEMA 2721 |
| | | | | METHYL MYRISTATE | FEMA 2722 |
| | | | | METHYL B&-NAPHTHYL KETONE | FEMA 2723 |
| | | | | METHYL NONANOATE | FEMA 2724 |
| | | | | METHYL 2-NONENOATE | FEMA 2725 |
| | | | | METHYL 2-NONYNOATE | FEMA 2726 |
| | | | | 2-METHYLOCTANAL | FEMA 2727 |
| | | | | METHYL OCTANOATE | FEMA 2728 |
| | | | | METHYL 2-OCTYNOATE | FEMA 2729 |
| | | | | 4-METHYL-2,3-PENTANEDIONE | FEMA 2730 |
| | | | | 4-METHYL-2-PENTANONE | FEMA 2731 |
| | | | | B&-METHYLPHENETHYL ALCOHO | FEMA 2732 |
| | | | | METHYL PHENYLACETATE | FEMA 2733 |
| | | | | 3-METHYL-4-PHENYL-3-BUTEN | FEMA 2734 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FCCD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | 2-METHYL-4-PHENYL-2-BUTYL | FEMA 2735 |
| | | | | 2-METHYL-4-PHENYL-2-BUTYL | FEMA 2736 |
| | | | | 3-METHYL-2-PHENYLBUTYRALD | FEMA 2738 |
| | | | | METHYL 4-PHENYLBUTYRATE | FEMA 2739 |
| | | | | 4-METHYL-1-PHENYLPENTANON | FEMA 2740 |
| | | | | METHYL 3-PHENYLPROPIONATE | FEMA 2741 |
| | | | | METHYL PROPIONATE | FEMA 2742 |
| | | | | VIOLET ALPINE | FEMA 2743 |
| | | | | 6-METHYLQUINOLINE | FEMA 2744 |
| | | | | DIMETHYL SULFIDE | FEMA 2746 |
| | | | | 2-METHYLTHIOPROPIONALDEHY | FEMA 2747 |
| | | | | 2-METHYL-3-TOLYL PROPIONA | FEMA 2748 |
| | | | | 2-METHYLUNDECANAL | FEMA 2749 |
| | | | | METHYL 9-UNDECENOATE | FEMA 2750 |
| | | | | METHYL 2-UNDECYNOATE | FEMA 2751 |
| | | | | METHYL VALERATE | FEMA 2752 |
| | | | | METHYL ISOVALERATE | FEMA 2753 |
| | | | | 2-METHYLVALERIC ACID | FEMA 2754 |
| | | | | MYRCENE | FEMA 2762 |
| | | | | MYRISTALDEHYDE | FEMA 2763 |
| | | | | NEROL | FEMA 2770 |
| | | | | NEROLIDOL | FEMA 2772 |
| | | | | NERYL ACETATE | FEMA 2773 |
| | | | | NERYL BUTYRATE | FEMA 2774 |
| | | | | NERYL ISOBUTYRATE | FEMA 2775 |
| | | | | NERYL FORMATE | FEMA 2776 |
| | | | | NERYL PROPIONATE | FEMA 2777 |
| | | | | NERYL ISOVALERATE | FEMA 2778 |
| | | | | 2,6-NONADIENOL-1 | FEMA 2780 |
| | | | | GE-NONALACTONE | FEMA 2781 |
| | | | | NONANAL | FEMA 2782 |
| | | | | 1,3-NONANEDIOL ACETATE | FEMA 2783 |
| | | | | NONANOIC ACID | FEMA 2784 |
| | | | | 2-NONANONE | FEMA 2785 |
| | | | | NONYL ACETATE | FEMA 2788 |
| | | | | NONYL ALCOHOL | FEMA 2789 |
| | | | | NONYL OCTANOATE | FEMA 2790 |
| | | | | NONYL ISOVALERATE | FEMA 2791 |
| | | | | GE-OCTALACTONE | FEMA 2796 |
| | | | | OCTANAL | FEMA 2797 |
| | | | | OCTANAL DIMETHYL ACETAL | FEMA 2798 |
| | | | | 1-OCTANOL | FEMA 2800 |
| | | | | 2-OCTANOL | FEMA 2801 |
| | | | | 2-OCTANONE | FEMA 2802 |
| | | | | 3-OCTANONE | FEMA 2803 |
| | | | | 3-OCTANONOL-1 | FEMA 2804 |
| | | | | 1-OCTENOL-3 | FEMA 2805 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | OCTYL ACETATE | FEMA 2806 |
| | | | | OCTYL BUTYRATE | FEMA 2807 |
| | | | | OCTYL ISOBUTYRATE | FEMA 2808 |
| | | | | OCTYL FORMATE | FEMA 2809 |
| | | | | OCTYL HEPTANOATE | FEMA 2810 |
| | | | | OCTYL OCTANOATE | FEMA 2811 |
| | | | | OCTYL PHENYLACETATE | FEMA 2812 |
| | | | | OCTYL PROPIONATE | FEMA 2813 |
| | | | | OCTYL ISOVALERATE | FEMA 2814 |
| | | | | W6-PENTADECALACTONE | FEMA 2840 |
| | | | | 2,3-PENTANEDIONE | FEMA 2841 |
| | | | | 2-PENTANONE | FEMA 2842 |
| | | | | 4-PENTENOIC ACID | FEMA 2843 |
| | | | | A6-PHELLANDRENE | FEMA 2856 |
| | | | | PHENETHYL ACETATE | FEMA 2857 |
| | | | | PHENETHYL ALCOHOL | FEMA 2858 |
| | | | | PHENETHYL ANTHRANILATE | FEMA 2859 |
| | | | | PHENETHYL BENZOATE | FEMA 2860 |
| | | | | PHENETHYL BUTYRATE | FEMA 2861 |
| | | | | PHENETHYL ISOBUTYRATE | FEMA 2862 |
| | | | | PHENETHYL CINNAMATE | FEMA 2863 |
| | | | | PHENETHYL FORMATE | FEMA 2864 |
| | | | | PHENETHYL PHENYLACETATE | FEMA 2866 |
| | | | | PHENETHYL PROPIONATE | FEMA 2867 |
| | | | | PHENETHYL SALICYLATE | FEMA 2868 |
| | | | | PHENETHYL SENECIOATE | FEMA 2869 |
| | | | | PHENETHYL TIGLATE | FEMA 2870 |
| | | | | PHENETHYL ISOVALERATE | FEMA 2871 |
| | | | | PHENOXYACETIC ACID | FEMA 2872 |
| | | | | 2-PHENOXYETHYL ISOBUTYRAT | FEMA 2873 |
| | | | | PHENYLACETALDEHYDE | FEMA 2874 |
| | | | | PHENYLACETALDEHYDE 2,3-BU | FEMA 2875 |
| | | | | PHENYLACETALDEHYDE DIMETH | FEMA 2876 |
| | | | | PH-ACETALD. GLYCERYL ACET | FEMA 2877 |
| | | | | PHENYLACETIC ACID | FEMA 2878 |
| | | | | 4-PHENYLBUTANOL-2 | FEMA 2879 |
| | | | | 4-PHENYL-3-BUTENOL-2 | FEMA 2880 |
| | | | | 4-PHENYL-3-BUTENONE-2 | FEMA 2881 |
| | | | | 4-PHENYLBUTYL-2 ACETATE | FEMA 2882 |
| | | | | 1-PHENYL-3-METHYLPENTANOL | FEMA 2883 |
| | | | | 1-PHENYLPROPANOL-1 | FEMA 2884 |
| | | | | 3-PHENYLPROPANOL-1 | FEMA 2885 |
| | | | | 2-PHENYLPROPIONALDEHYDE | FEMA 2886 |
| | | | | 3-PHENYLPROPIONALDEHYDE | FEMA 2887 |
| | | | | 2-PHENYLPROPIONALD DIMET | FEMA 2888 |
| | | | | 3-PHENYLPROPIONIC ACID | FEMA 2889 |
| | | | | 3-PHENYLPROPYL ACETATE | FEMA 2890 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FCCO CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | 2-PHENYLPROPYL BUTYRATE | FEMA 2891 |
| | | | | 2-PHENYLPROPYL ISOBUTYRAT | FEMA 2892 |
| | | | | 3-PHENYLPROPYL ISOBUTYRAT | FEMA 2893 |
| | | | | 3-PHENYLPROPYL CINNAMATE | FEMA 2894 |
| | | | | 3-PHENYLPROPYL FORMATE | FEMA 2895 |
| | | | | 3-PHENYLPROPYL HEXANOATE | FEMA 2896 |
| | | | | 3-PHENYLPROPYL PROPIONATE | FEMA 2897 |
| | | | | 2-/3-PHENYLPROPYL/-TETRAH | FEMA 2898 |
| | | | | 3-PHENYLPROPYL ISOVALERAT | FEMA 2899 |
| | | | | AB-PINENE | FEMA 2902 |
| | | | | NOPINENE | FEMA 2903 |
| | | | | PINE TAR, OIL | FEMA 2907 |
| | | | | PIPERIDINE | FEMA 2908 |
| | | | | PIPERINE | FEMA 2909 |
| | | | | /B/-PIPERITONE | FEMA 2910 |
| | | | | PIPERONYL ACETATE | FEMA 2912 |
| | | | | PIPERONYL ISOBUTYRATE | FEMA 2913 |
| | | | | PROPENYLGUAETHOL | FEMA 2922 |
| | | | | PROPIONALDEHYDE | FEMA 2923 |
| | | | | PROPYL ACETATE | FEMA 2925 |
| | | | | ISOPROPYL ACETATE | FEMA 2926 |
| | | | | PA-ISOPROPYLACETOPHENONE | FEMA 2927 |
| | | | | PROPYL ALCOHOL | FEMA 2928 |
| | | | | ISOPROPYL ALCOHOL | FEMA 2929 |
| | | | | PA-PROPYL ANISOLE | FEMA 2930 |
| | | | | PA-ISOPROPYLBENZYL ALCOHO | FEMA 2933 |
| | | | | PROPYL BUTYRATE | FEMA 2934 |
| | | | | ISOPROPYL BUTYRATE | FEMA 2935 |
| | | | | PROPYL ISOBUTYRATE | FEMA 2936 |
| | | | | ISOPROPYL ISOBUTYRATE | FEMA 2937 |
| | | | | PROPYL CINNAMATE | FEMA 2938 |
| | | | | ISOPROPYL CINNAMATE | FEMA 2939 |
| | | | | PROPYL FORMATE | FEMA 2943 |
| | | | | ISOPROPYL FORMATE | FEMA 2944 |
| | | | | PROPYL HEPTANOATE | FEMA 2948 |
| | | | | PROPYL HEXANOATE | FEMA 2949 |
| | | | | ISOPROPYL HEXANOATE | FEMA 2950 |
| | | | | AB-PROPYLPHENETHYL ALCOHO | FEMA 2953 |
| | | | | PA-ISOPROPYLPHENYLACETALD | FEMA 2954 |
| | | | | PROPYL PHENYLACETATE | FEMA 2955 |
| | | | | ISOPROPYL PHENYLACETATE | FEMA 2956 |
| | | | | 3 P-ISOPROPYL-PHENYLPROPI | FEMA 2957 |
| | | | | PROPYL PROPIONATE | FEMA 2958 |
| | | | | ISOPROPYL PROPIONATE | FEMA 2959 |
| | | | | PROPYL ISOVALERATE | FEMA 2960 |
| | | | | ISOPROPYL ISOVALERATE | FEMA 2961 |
| | | | | ISOPULEGOL | FEMA 2962 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | PULEGONE | | FEMA 2963 |
| | | | | ISOPULEGONE | | FEMA 2964 |
| | | | | ISOPULEGYL ACETATE | | FEMA 2965 |
| | | | | PYRIDINE | | FEMA 2966 |
| | | | | PYROLIGNEOUS ACID, EXT | | FEMA 2968 |
| | | | | PYROVALDEHYDE | | FEMA 2969 |
| | | | | PYROVIC ACID | | FEMA 2970 |
| | | | | ISOQUINOLINE | | FEMA 2978 |
| | | | | RHODINOL | | FEMA 2980 |
| | | | | RHODINYL ACETATE | | FEMA 2981 |
| | | | | RHODINYL BUTYRATE | | FEMA 2982 |
| | | | | RHODINYL ISOBUTYRATE | | FEMA 2983 |
| | | | | RHODINYL FORMATE | | FEMA 2984 |
| | | | | RHODINYL PHENYLACETATE | | FEMA 2985 |
| | | | | RHODINYL PROPIONATE | | FEMA 2986 |
| | | | | RHODINYL ISOVALERATE | | FEMA 2987 |
| | | | | ETHYL OXYHYDRATE | NAS 0379 | FEMA 2996 |
| | | | | SALICYLALDEHYDE | | FEMA 3004 |
| | | | | SANTALOL | | FEMA 3006 |
| | | | | SANTALYL ACETATE | | FEMA 3007 |
| | | | | SKATOLE | | FEMA 3019 |
| | | | | SUCROSE OCTAACETATE | | FEMA 3038 |
| | | | | A&-TERPINEOL | | FEMA 3045 |
| | | | | TERPINOLENE | | FEMA 3046 |
| | | | | TERPINYL ACETATE | | FEMA 3047 |
| | | | | TERPINYL ANTHRANILATE | | FEMA 3048 |
| | | | | TERPINYL BUTYRATE | | FEMA 3049 |
| | | | | TERPINYL ISOBUTYRATE | | FEMA 3050 |
| | | | | TERPINYL CINNAMATE | | FEMA 3051 |
| | | | | TERPINYL FORMATE | | FEMA 3052 |
| | | | | TERPINYL PROPIONATE | | FEMA 3053 |
| | | | | TERPINYL ISOVALERATE | | FEMA 3054 |
| | | | | TETRAHYDROFURFURYL ACETAT | | FEMA 3055 |
| | | | | TETRAHYDROFURFURYL ALCOHO | | FEMA 3056 |
| | | | | TETRAHYDROFURFURYL BUTYRA | | FEMA 3057 |
| | | | | TETRAHYDROFURFURYL PROPIO | | FEMA 3058 |
| | | | | TETRAHYDROPSEUDOIONONE | | FEMA 3059 |
| | | | | TETRAHYDROLINALOOL | | FEMA 3060 |
| | | | | 2-THIENYL MERCAPTAN | | FEMA 3062 |
| | | | | THYMOL | | FEMA 3066 |
| | | | | TOLUALD. GLYCERYL ACETAL | | FEMA 3067 |
| | | | | TOLUALDEHYDES | | FEMA 3068 |
| | | | | Pa-TOLYLACETALDEHYDE | | FEMA 3071 |
| | | | | Oa-TOLYL ACETATE | | FEMA 3072 |
| | | | | Pa-TOLYL ACETATE | | FEMA 3073 |
| | | | | Pa-TOLYL ISOBUTYRATE | | FEMA 3075 |
| | | | | Pa-TOLYL LAURATE | | FEMA 3076 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 20 | GELATIN PUD(K) | 11 | FLAV AGNT | P-TOLYL PHENYLACETATE | FEMA 3077 |
| | | | | 2-P-TOLYL PROPIONALDEHYD | FEMA 3078 |
| | | | | 2-TRIDECENAL | FEMA 3082 |
| | | | | G-UNDECALACTONE | FEMA 3091 |
| | | | | UNDECANAL | FEMA 3092 |
| | | | | 2-UNDECANONE | FEMA 3093 |
| | | | | 9-UNDECENAL | FEMA 3094 |
| | | | | 10-UNDECENAL | FEMA 3095 |
| | | | | 10-UNDECEN-1-YL ACETATE | FEMA 3096 |
| | | | | UNDECYL ALCOHOL | FEMA 3097 |
| | | | | VALERALDEHYDE | FEMA 3098 |
| | | | | VALERIC ACID | FEMA 3101 |
| | | | | ISOVALERIC ACID | FEMA 3102 |
| | | | | VANILLIN ACETATE | FEMA 3108 |
| | | | | VERATRALDEHYDE | FEMA 3109 |
| | | | | ZINGERONE | FEMA 3124 |
| | | | | H6-6-IPROPENL-4,4A-ME2-NA | FEMA 3166 |
| | | | | G-METHOXYCINNAMALDEHYDE | FEMA 3181 |
| | | | | PROPYL DISULFIDE | FEMA 3228 |
| | | | | STYRENE | FEMA 3233 |
| | | | | ISO-AMYL ACETOACETATE | FEMA 3252 |
| | | | | ISO-AMYL ISO-BUTYRATE | FEMA 3253 |
| | | | | ANISYL PHENYLACETATE | FEMA 3255 |
| | | | | BEECHWOOD CREOSOTE | FEMA 3259 |
| | | | | THIOPHENOL | FEMA 3260 |
| | | | | BENZYL DISULFIDE | FEMA 3261 |
| | | | | CADINENE | FEMA 3263 |
| | | | | CARYOPHYLL ALC ACETATE | FEMA 3266 |
| | | | | B-CARYOPHYLLENE ALCOHOL | FEMA 3267 |
| | | | | CARYOPHYLLENE ALCOHOL | FEMA 3268 |
| | | | | B-CARYOPHYLL ALC AC | FEMA 3269 |
| | | | | CEDARWOOD OILS, ALC/TERP | FEMA 3270 |
| | | | | CEDRYL ACETATE | FEMA 3271 |
| | | | | 1,4-CINEOLE | FEMA 3275 |
| | | | | CINNAMYL BENZOATE | FEMA 3276 |
| | | | | CITRAL PROP GLY ACETAL | FEMA 3277 |
| | | | | 3-DECEN-2-ONE | FEMA 3289 |
| | | | | 2,5-DIETHYLTETRAHYDFURAN | FEMA 3290 |
| | | | | ETHYL CROTONATE | FEMA 3295 |
| | | | | ETGLY BRASSYLATE,EST | FEMA 3296 |
| | | | | 2-ETHYL FURAN | FEMA 3297 |
| | | | | ETHYL MALTOL | FEMA 3298 |
| | | | | ISO-EUGENYL BENZYLETHER | FEMA 3301 |
| | | | | 1-FURYL-2-PROPANONE | FEMA 3303 |
| | | | | GUAIACYL ACETATE | FEMA 3311 |
| | | | | GUAIENE | FEMA 3312 |
| | | | | GUAIOL ACETATE | FEMA 3313 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FCCC CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | HEPTANAL-1,2-GLYACETAL | | FEMA 3314 |
| | | | | 3-HEPTANOL | | FEMA 3315 |
| | | | | 3-HEXENL-2-METBUTYRATE | | FEMA 3316 |
| | | | | 3-HEXYNEL ISO-VALERATE | | FEMA 3317 |
| | | | | HEXYL, ISO-VALERATE | | FEMA 3318 |
| | | | | HEXYL-2-METHYLBUTYRATE | | FEMA 3319 |
| | | | | ISO-JASMONE | | FEMA 3325 |
| | | | | LINALCOL OXIDE | | FEMA 3328 |
| | | | | P-MENTH-8-EN-2-ONE | | FEMA 3337 |
| | | | | PERILLALDEHYDE | | FEMA 3340 |
| | | | | ALPHA-TEPINENE | | FEMA 3341 |
| | | | | GAMMA-TERPINENE | | FEMA 3342 |
| | | | | P-MENTH-3-ENE-1-OL | | FEMA 3343 |
| | | | | METHOXYBENZALDEHYDE | | FEMA 3345 |
| | | | | 2-METBUTYL ISOVALERATE | | FEMA 3347 |
| | | | | P-METHYLCINNAMALDEHYDE | | FEMA 3348 |
| | | | | METHYL DISULFIDE | | FEMA 3350 |
| | | | | 4-ME-5-PRO-2-CYCHEXENONE | | FEMA 3354 |
| | | | | OCIMENE | | FEMA 3359 |
| | | | | 3-OCTANOL | | FEMA 3360 |
| | | | | 1-OCTEN-3-YL ACETATE | | FEMA 3362 |
| | | | | 3-OCTYL ACETATE | | FEMA 3363 |
| | | | | 1-PENTEN-3-OL | | FEMA 3369 |
| | | | | PERILLYL ACETATE | | FEMA 3370 |
| | | | | PHENYLALANINE | | FEMA 3371 |
| | | | | PROPYL THIOL | | FEMA 3380 |
| | | | | B-TERPINEOL | | FEMA 3399 |
| | | | | 2-P-CARVOMENTHENOL | | FEMA 3423 |
| | | | | ALLYL 2-FUROATE | | FEMA 2030 |
| | | | | ALLYL HEPTANOATE | | FEMA 2031 |
| | | | | AMYL 2-FUROATE | | FEMA 2072 |
| | | | | BIRCH, SWEET, OIL | | FEMA 2154 |
| | | | | BORNYL VALERATE | | FEMA 2164 |
| | | | | BROMINATED VEG OILS | | FEMA 2168 |
| | | | | CITRUS PEELS, EXTRACT | | FEMA 2318 |
| | | | | DECANOIC ACID | | FEMA 2364 |
| | | | | DIHYDROCOUMARIN | | FEMA 2381 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| | | | | FUMARIC ACID | NAS 0382 | FEMA 2488 |
| | | | | FURFURAL | | FEMA 2489 |
| | | | | FURFURYL ACETATE | | FEMA 2490 |
| | | | | FURFURYL ALCOHOL | | FEMA 2491 |
| | | | | 2-FURFURYLIDENEBUTYRALDEH | | FEMA 2492 |
| | | | | FURFURYL MERCAPTAN | | FEMA 2493 |
| | | | | FURYL ACROLEIN | | FEMA 2494 |
| | | | | 4-/2-FURYL/-3-BUTENONE-2 | | FEMA 2495 |
| | | | | CIS-3-HEXENAL | | FEMA 2561 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | HEXYL 2-FUROATE | | FEMA 2571 |
| | | | | 2-HEXYL-5-KETO-1,4-DIOXAN | | FEMA 2574 |
| | | | | LAURIC ACID | | FEMA 2614 |
| | | | | 6-METHYLCOUMARIN | | FEMA 2699 |
| | | | | PIPERONYL-ACETONE | | FEMA 2701 |
| | | | | 5-METHYLFURFURAL | | FEMA 2702 |
| | | | | METHYL 2-FUROATE | | FEMA 2703 |
| | | | | 2-METHYL-3-FURYLACROLEIN | | FEMA 2704 |
| | | | | 2-METHYL-4-PHENYLBUTYRALD | | FEMA 2737 |
| | | | | METHYL SALICYLATE | | FEMA 2745 |
| | | | | MUSK AMBRETTE | | FEMA 2758 |
| | | | | MYRISTIC ACID | | FEMA 2764 |
| | | | | BG-NAPHTHYL ANTHRANILATE | | FEMA 2767 |
| | | | | BG-NAPHTHYL ETHYL ETHER | | FEMA 2768 |
| | | | | NARINGIN | NAS 0485 | FEMA 2769 |
| | | | | 3-NONANONOL-1 | | FEMA 2786 |
| | | | | OLEIC ACID | | FEMA 2815 |
| | | | | PINE NEEDLE, OIL | | FEMA 2905 |
| | | | | PROPYL FUROATE-2 | | FEMA 2946 |
| | | | | PYROLIGNEOUS ACID | | FEMA 2967 |
| | | | | QUININE BISULFATE | | FEMA 2975 |
| | | | | QUININE HYDROCHLORIDE | | FEMA 2976 |
| | | | | QUININE SULFATE | | FEMA 2977 |
| | | | | STEARIC ACID | NAS 0479 | FEMA 3035 |
| | | | | GG-VALEROLACTONE | | FEMA 3103 |
| | | | | VANILLIN | NAS 0336 | FEMA 3107 |
| | | | | WINTERGREEN, EXTRACT | | FEMA 3112 |
| | | | | WINTERGREEN, OIL | | FEMA 3113 |
| | | | | 1-BUTOXY-1-PHENOXYETHANE | | FEMA 3125 |
| | | | | ACETYLPYRAZINE | | FEMA 3126 |
| | | | | ALLYL METHYL DISULFIDE | | FEMA 3127 |
| | | | | 2-BENZOFURANCARBOXALDEHYD | | FEMA 3128 |
| | | | | BIPHENYL | | FEMA 3129 |
| | | | | BUTYLAMINE | | FEMA 3130 |
| | | | | SEC-BUTYL ETHYL ETHER | | FEMA 3131 |
| | | | | 2-ISOBUTYL-3-METHOXYPYRAZ | | FEMA 3132 |
| | | | | 2-ISOBUTYL-3-METHYLPYRAZI | | FEMA 3133 |
| | | | | 2-ISOBUTYLTHIAZOLE | | FEMA 3134 |
| | | | | 2T,4T-DECADIENAL | | FEMA 3135 |
| | | | | 2,3-DIETHYLPYRAZINE | | FEMA 3136 |
| | | | | 2,6-DIMETHOXYPHENOL | | FEMA 3137 |
| | | | | 3,4-DIMETHOXY-1-VINYLBENZ | | FEMA 3138 |
| | | | | P-α,AG-DIMETHYLBENZYL ALCO | | FEMA 3139 |
| | | | | 2,6-DIMETHYL-4-HEPTANOL | | FEMA 3140 |
| | | | | AG-SINENSAL | | FEMA 3141 |
| | | | | CITRONELLIC ACID | | FEMA 3142 |
| | | | | 2,4-DIMETHYL-2-PENTENOIC | | FEMA 3143 |

TABLE 10 -- SUBSTANCES (GROUP 1-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | P@,A&-DIMETHYLSTYRENE | FEMA 3144 |
| | | | | 2,4-DIMETHYL-5-VINYLTHIAZ | FEMA 3145 |
| | | | | 2-FURFURYL DISULFIDE | FEMA 3146 |
| | | | | 1-ETHYL-2-ACETYLPYRROLE | FEMA 3147 |
| | | | | ETHYL T2-C4-DECADIENOATE | FEMA 3148 |
| | | | | 2-ETHYL-3,5-DIMETHYLPYRAZ | FEMA 3149 |
| | | | | 3-ETHYL-2,6-DIMETHYLPYRAZ | FEMA 3150 |
| | | | | 2-ETHYL-1-HEXANOL | FEMA 3151 |
| | | | | 3-ET-2-HO-2-CYC-PENTENONE | FEMA 3152 |
| | | | | 5-ET-3-HO-4-ME-2/5H/-FURA | FEMA 3153 |
| | | | | 2-ETHYL-5-METHYLPYRAZINE | FEMA 3154 |
| | | | | 3-ETHYL-2-METHYLPYRAZINE | FEMA 3155 |
| | | | | P@-ETHYLPHENOL | FEMA 3156 |
| | | | | 2-FURANMETHANETHIOL FORMA | FEMA 3158 |
| | | | | FURFURYL METHYL ETHER | FEMA 3159 |
| | | | | FURFURYL METHYL SULFIDE | FEMA 3160 |
| | | | | FURFURYL ISOPROPYL SULFID | FEMA 3161 |
| | | | | FURFURYL THIOACETATE | FEMA 3162 |
| | | | | 2-FURYL METHYL KETONE | FEMA 3163 |
| | | | | 2,4-HEPTADIENAL -TR,TR | FEMA 3164 |
| | | | | 2-HEPTENAL | FEMA 3165 |
| | | | | D&-HEXALACTONE | FEMA 3167 |
| | | | | T2-HEXENOIC ACID | FEMA 3169 |
| | | | | T3-HEXENOIC ACID | FEMA 3170 |
| | | | | C3-HEXEN-1-YL ACETATE | FEMA 3171 |
| | | | | HEXYL ISOBUTYRATE | FEMA 3172 |
| | | | | 1-HYDROXY-2-BUTANONE | FEMA 3173 |
| | | | | 4-HO-2,5-ME2-3/2H/-FURANO | FEMA 3174 |
| | | | | IONONE -G& | FEMA 3175 |
| | | | | P@-MENTHAN-2-ONE | FEMA 3176 |
| | | | | P@-MENTHA-8-THIOL-3-ONE | FEMA 3177 |
| | | | | P@-MENTH-1-ENE-9-AL | FEMA 3178 |
| | | | | P@-MENTH-1-EN-3-OL | FEMA 3179 |
| | | | | 2-MERCAPTOPROPIONIC ACID | FEMA 3180 |
| | | | | P@-METHOXY-A&-METHYLCINNA | FEMA 3182 |
| | | | | 2-METHOXY-X-METHYLPYRAZIN | FEMA 3183 |
| | | | | 1-METHYL-2-ACETYLPYRROLE | FEMA 3184 |
| | | | | 3-METHYLCROTONIC ACID | FEMA 3187 |
| | | | | 2-METHYL-3-FURANTHIOL | FEMA 3188 |
| | | | | ME-X-FURFURYL-THIOPYRAZIN | FEMA 3189 |
| | | | | 5-METHYL-2,3-HEXANEDIONE | FEMA 3190 |
| | | | | 2-METHYLHEXANOIC ACID | FEMA 3191 |
| | | | | 2-METHYL-5-METHOXYTHIAZOL | FEMA 3192 |
| | | | | 2T-METHYL-2-PENTENAL | FEMA 3194 |
| | | | | 2T-METHYL-2-PENTENOIC ACI | FEMA 3195 |
| | | | | JASMONE | FEMA 3196 |
| | | | | A-METHYLPHENETHYLBUTYRATE | FEMA 3197 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FLCD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | METHYL PHENETHYL ETHER | FEMA 3198 |
| | | | | 5-METHYL-2-PHEN-2-HEXENAL | FEMA 3199 |
| | | | | 4-METHYL-2-PHEN-2-PENTENA | FEMA 3200 |
| | | | | METHYL PROPYL DISULFIDE | FEMA 3201 |
| | | | | METHYL 2-PYRROLYL KETONE | FEMA 3202 |
| | | | | 4-METHYL-5-THIAZOLEETHANO | FEMA 3204 |
| | | | | 4-ME-5-THIAZOLE-ET*OL- AC | FEMA 3205 |
| | | | | 2-METHYLTHIOACETALDEHYDE | FEMA 3206 |
| | | | | 1-/METHYLTHIO/-2-BUTANONE | FEMA 3207 |
| | | | | /METHYLTHIO/METHYLPYRAZIN | FEMA 3208 |
| | | | | 2-METHYL-5-VINYLPYRAZINE | FEMA 3211 |
| | | | | 2,4-NONADIENAL | FEMA 3212 |
| | | | | 2-NONENAL | FEMA 3213 |
| | | | | DE-OCTALACTONE | FEMA 3214 |
| | | | | 2-OCTENAL | FEMA 3215 |
| | | | | 2,4-PENTADIENAL | FEMA 3217 |
| | | | | 2-PENTENAL | FEMA 3218 |
| | | | | ISOPENTYLAMINE | FEMA 3219 |
| | | | | PHENETHYLAMINE | FEMA 3220 |
| | | | | PHENETHYL HEXANOATE | FEMA 3221 |
| | | | | PHENETHYL OCTANOATE | FEMA 3222 |
| | | | | PHENOL | FEMA 3223 |
| | | | | 2-PHENYL-2-BUTENAL | FEMA 3224 |
| | | | | PHENYL DISULFIDE | FEMA 3225 |
| | | | | 1-PHENYL-1,2-PROPANEDIONE | FEMA 3226 |
| | | | | PROPENYL PROPYL DISULFIDE | FEMA 3227 |
| | | | | ISOPROPYL TIGLATE | FEMA 3229 |
| | | | | PYRAZINYL METHYL SULFIDE | FEMA 3231 |
| | | | | 2-PYRAZINEMETHANETHIOL | FEMA 3232 |
| | | | | MENTHOFURAN | FEMA 3235 |
| | | | | ROSE OXIDE | FEMA 3236 |
| | | | | TETRAMETHYLPYRAZINE | FEMA 3237 |
| | | | | 2,2-THIODIMETHYLENE-DIFUR | FEMA 3238 |
| | | | | 4-THUJANOL | FEMA 3239 |
| | | | | TRIMETHYLAMINE | FEMA 3241 |
| | | | | P3-CYMENOL-8 | FEMA 3242 |
| | | | | ME3-CYCLOHEX-1-ENL BU-2EN | FEMA 3243 |
| | | | | 2,3,5-TRIMETHYLPYRAZINE | FEMA 3244 |
| | | | | UNDECANOIC ACID | FEMA 3245 |
| | | | | 2-UNDECANOL | FEMA 3246 |
| | | | | 10-UNDECENOIC ACID | FEMA 3247 |
| | | | | O3-VINYLANISOLE | FEMA 3248 |
| | | | | 2,6-XYLENOL | FEMA 3249 |
| | | | | BUTYROLACTONE | FEMA 3421 |
| | | | | 3,4-DIME CYCLOPENT DIONE | FEMA 3427 |
| | | | | DI-N-PROPYL TRISULFIDE | FEMA 3430 |
| | | | | 3-ET-2,5-DIME PYRAZINE | FEMA 3434 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | DIETHYL ANTHRANILATE | | FEMA 3436 |
| | | | | ETHYL HEXENOATE | | FEMA 3437 |
| | | | | ET ME HYDX-DIHYDFURANONE | | FEMA 3438 |
| | | | | ET ME-P-TOLYL GLYCIDATE | | FEMA 3439 |
| | | | | FURFURYL BUTYRATE | | FEMA 3440 |
| | | | | FURFURYL PYRROL | | FEMA 3441 |
| | | | | 2, 4-HEXADIENAL | | FEMA 3443 |
| | | | | HEXYL BENZOATE | | FEMA 3445 |
| | | | | HYDROGEN SULPHIDE | | FEMA 3446 |
| | | | | HYDROQUINON ET ETHR | | FEMA 3447 |
| | | | | 3-HYDROXY-PENTANONE-2 | | FEMA 3448 |
| | | | | LINALYL PHENYLACETATE | | FEMA 3449 |
| | | | | MALONIC ACID | | FEMA 3450 |
| | | | | ISO-MENTHONE | | FEMA 3451 |
| | | | | 3-MERCAP PROPANOIC ACID | | FEMA 3452 |
| | | | | 2-METHYL PYRAZINE | | FEMA 3461 |
| | | | | D-UNDECALACTONE | | FEMA 3482 |
| | | | | 4-HEPTENAL | | FEMA 3490 |
| | | | | 2,6-DIMETHYL-4-HEPTANONE | | FEMA 3291 |
| | | | | DISODIUM GUANYLATE | NAS 0541 | FEMA 3292 |
| | | | | DISODIUM INOSINATE | NAS 0540 | FEMA 3293 |
| | | | | GLYEST WOODROS/EST GUM | | FEMA 3309 |
| | | | | GLYCINE | NAS 0356 | FEMA 3310 |
| | | | | LEEK, OIL | | FEMA 3326 |
| | | | | MASTIC GUM | | FEMA 3335 |
| | | | | DL-METHIONINE | NAS 0359 | FEMA 3344 |
| | | | | METHYL 3-PYRIDYL KETONE | | FEMA 3355 |
| | | | | TEA TREE, OIL | | FEMA 3398 |
| | | | | P-TOLYL OCTANOATE | | FEMA 3401 |
| | | | | 2-UNDECEN-1-OL | | FEMA 3403 |
| | | | | YARA YARA | | FEMA 3409 |
| | | | | ACTL ME CARBINYL ACET | | FEMA 3410 |
| | | | | ALLYL CROTONATE | | FEMA 3411 |
| | | | | ALLYL HEXENOATE | | FEMA 3412 |
| | | | | AMYL DECANOATE | | FEMA 3414 |
| | | | | AMYL PHENYLACETATE | | FEMA 3415 |
| | | | | AMYL SALICYLATE | | FEMA 3416 |
| | | | | AMYL ISO VALERIANATE | | FEMA 3417 |
| | | | | ISO-AMYL VALERIANATE | | FEMA 3418 |
| | | | | BUTYL SALICYLATE | | FEMA 3419 |
| | | | | ISOBUT ME ANTHRANILATE | | FEMA 3420 |
| | | | | CARVOMENTHOL | | FEMA 3422 |
| | | | | M-CRESOL | | FEMA 3425 |
| | | | | O-CRESOL | | FEMA 3426 |
| | | | | FURFURYLIDEN-2-PROPANAL | | FEMA 3442 |
| | | | | METHALLYL CAPROATE | | FEMA 3453 |
| | | | | 3-METHYL-3-BUTENE-2-1 | | FEMA 3454 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 11 | FLAV AGNT | METHYL FURFURACRYLAT | | FEMA 3455 |
| | | | | 2-ME-5-ISOPROP PYRAZINE | | FEMA 3458 |
| | | | | 4-ME-4-PENTEN-2-ONE | | FEMA 3459 |
| | | | | ME PROPENYL DISULFIDE | | FEMA 3460 |
| | | | | B-NAPHTH ISOBUTYL ETHER | | FEMA 3464 |
| | | | | 2,6-NONADIENAL | | FEMA 3465 |
| | | | | NONADIENAL DIME ACETAL | | FEMA 3466 |
| | | | | NONANEDIOL-1,4-ACETATE | | FEMA 3467 |
| | | | | 6-NONENAL | | FEMA 3468 |
| | | | | 6-OCTENAL | | FEMA 3469 |
| | | | | 2-PENTEN-1-OL | | FEMA 3470 |
| | | | | 3-PENTEN-2-ONE | | FEMA 3471 |
| | | | | PHENYLETHYL VALERATE | | FEMA 3472 |
| | | | | 5-PHENYL PENTANOL | | FEMA 3473 |
| | | | | 1-PHEN-3/5-PROP PYRAZOL | | FEMA 3474 |
| | | | | ISO-PHORONE | | FEMA 3475 |
| | | | | PROPYL VALERIANATE | | FEMA 3476 |
| | | | | TIGLALDEHYDE | | FEMA 3478 |
| | | | | O-TOLYL ISO-BUTYRATE | | FEMA 3479 |
| | | | | 2,5-UNDECADIENAL | | FEMA 3481 |
| | | | | VALILLYL ALCOHOL | | FEMA 3483 |
| | | | | VANILLYLIDENE ACETON | | FEMA 3484 |
| | | | | VETIVERYL ACETATE | | FEMA 3485 |
| | | | | B-BOURBONENE | | FEMA 3486 |
| | | | | CARYOPHYLLENE OXIDE | | FEMA 3488 |
| | | | | GERANYL ACETONE | | FEMA 3489 |
| | | | | 3-HEXENL PHENYLACETATE | | FEMA 3491 |
| | | | | HEXYL PHENYLACETATE | | FEMA 3492 |
| | | | | ISOAMYL 2-ME BUTYRATE | | FEMA 3493 |
| | | | | JASMONE | | FEMA 3494 |
| | | | | 1-P-MENTHEN-9-YL ACETATE | | FEMA 3495 |
| | | | | PINOCARVEOL | | FEMA 3496 |
| | | | | PIPERITENONE | | FEMA 3497 |
| | | | | PIPERITENONE OXIDE | | FEMA 3498 |
| | | | | VERBENOL | | FEMA 3499 |
| | | | | BETA-ALANINE | | FEMA 3574 |
| | | | | COFFEE CONCENTRATE-PURE | | FEMA 3636 |
| | | | | SOLID EXTRACT COFFEE | | FEMA 3571 |
| | | | | 2,6 DIMETHYL PYRAZINE | | FEMA 3597 |
| | | | | 2-ETHYL PYRIZINE | | FEMA 3601 |
| | | | | FURFURYL ISOVALERATE | | FEMA 3627 |
| | | | | GRAPEFRUIT OIL CONC | | FEMA 3631 |
| | | | | TOLVALDEHYDES,PARA | | FEMA 3633 |
| 20 | GELATIN PUD(R) | 13 | FORMUL AID | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 13 | FORMUL AID | SUCROSE | NAS 0328 | |
| | | | | LACTOSE | NAS 0406 | FEMA 3667 |
| 20 | GELATIN PUD(R) | 15 | HUMECTANT | CORN SYRUP | NAS 0270 | |
| 20 | GELATIN PUD(R) | 16 | LEAVENING | POTASSIUM ACID TARTRATE | NAS 0146 | |
| 20 | GELATIN PUD(R) | 18 | NNTR SWEET | CALCIUM SACCHARIN | NAS 0054 | FEMA 3520 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| 20 | GELATIN PUD(R) | 19 | NUTR SUPPL | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | FERROUS SULFATE | NAS 0085 | |
| | | | | NIACINAMIDE | NAS 0137 | |
| | | | | D-ALPHA TOCOPH ACET | NAS 0228 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | SOYA PROTEIN ISOLATE | NAS 0446 | |
| 20 | GELATIN PUD(R) | 20 | PH CONTROL | ADIPIC ACID | NAS 0003 | FEMA 2011 |
| | | | | AMMONIUM CARBONATE | NAS 0014 | |
| | | | | AMMONIUM HYDROXIDE | NAS 0015 | |
| | | | | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | HYDROCHLORIC ACID | NAS 0097 | |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | POTASSIUM CITRATE | NAS 0152 | |
| | | | | SODIUM CARBONATE | NAS 0185 | |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM PHOSPHATE MONO | NAS 0198 | FEMA 3534 |
| | | | | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| | | | | SODIUM TRIPOLYPHOSPHATE | NAS 0210 | FEMA 3553 |
| | | | | SULFURIC ACID | NAS 0218 | |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | LEVULINIC ACID | | FEMA 2627 |
| | | | | FUMARIC ACID | NAS 0382 | FEMA 2488 |
| 20 | GELATIN PUD(R) | 21 | PRESERVATV | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | METHYLPARABEN | NAS 0120 | FEMA 2710 |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| | | | | PROPYLPARABEN | NAS 0166 | FEMA 2951 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 21 | PRESERVATV | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SODIUM PROPIONATE | NAS 0201 | FEMA 3513 |
| | | | | SORBIC ACID | NAS 0211 | FEMA 3624 |
| 20 | GELATIN PUD(R) | 22 | PROCES AID | ALUMINUM SULFATE | NAS 0011 | FEMA 3547 |
| | | | | HYDROCHLORIC ACID | NAS 0097 | |
| | | | | SODIUM SULFITE | NAS 0206 | |
| | | | | SULFURIC ACID | NAS 0218 | |
| | | | | CORN SYRUP | NAS 0270 | |
| 20 | GELATIN PUD(R) | 23 | PROPL AERT | NITROGEN | NAS 0138 | |
| 20 | GELATIN PUD(R) | 24 | SEQUESTRNT | CALCIUM ACETATE | NAS 0035 | FEMA 2228 |
| | | | | CALCIUM GLUCONATE | NAS 0041 | |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| | | | | SODIUM TRIPOLYPHOSPHATE | NAS 0210 | FEMA 3553 |
| 20 | GELATIN PUD(R) | 25 | SOLV VEHIC | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | TRIACETIN | NAS 0233 | FEMA 2007 |
| | | | | TRIETHYL CITRATE | NAS 0234 | FEMA 3083 |
| | | | | BENZYL ALCOHOL | | FEMA 2137 |
| | | | | BENZYL BENZOATE | | FEMA 2138 |
| | | | | LEVULINIC ACID | | FEMA 2627 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| | | | | TRIPROPIONINE | | FEMA 3402 |
| | | | | ISO-PROPYL MYRISTATE | | FEMA 3378 |
| | | | | BUTYLENE GLYCOL | NAS 0531 | FEMA 3516 |
| 20 | GELATIN PUD(R) | 26 | STBLZ THKR | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | AMMONIUM ALGINATE | NAS 0012 | |
| | | | | CALCIUM ACETATE | NAS 0035 | FEMA 2228 |
| | | | | CALCIUM ALGINATE | NAS 0036 | |
| | | | | CALCIUM GLUCONATE | NAS 0041 | |
| | | | | CALCIUM LACTATE | NAS 0045 | FEMA 3535 |
| | | | | CALCIUM PHOSPHATE DI | NAS 0048 | FEMA 3656 |
| | | | | CALCIUM PHOSPHATE MONO | NAS 0049 | |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CALCIUM SULFATE | NAS 0057 | |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | POTASSIUM CHLORIDE | NAS 0151 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 20 | GELATIN PUD(R) | 26 | STBLZ THKR | POTASSIUM PHOSPHATE DI | NAS 0157 | |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | SODIUM METABISULFITE | NAS 0193 | |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM PHOSPHATE MONO | NAS 0198 | FEMA 3534 |
| | | | | SODIUM PHOSPHATE TRI | NAS 0199 | |
| | | | | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| | | | | SODIUM TRIPOLYPHOSPHATE | NAS 0210 | FEMA 3553 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |
| | | | | CELLULOSE | NAS 0265 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | GLYEST WOODROS/EST GUM | | FEMA 3309 |
| | | | | CORN STARCH | NAS 0411 | |
| | | | | DEXTRIN | NAS 0338 | FEMA 3556 |
| | | | | GELATIN | NAS 0350 | |
| | | | | PECTIN | NAS 0335 | |
| 20 | GELATIN PUD(R) | 27 | SURFACTANT | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | DEXTROSE | NAS 0271 | |
| 20 | GELATIN PUD(R) | 30 | TEXTURIZER | CALCIUM GLUCONATE | NAS 0041 | |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| 20 | GELATIN PUD(R) | 40 | NUTR SWEET | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 21 | SOUPS(R) | 01 | ANTICAKNG | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CALCIUM SILICATE | NAS 0055 | |
| | | | | MAGNESIUM CARBONATE | NAS 0110 | |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SILICA AEROGEL | NAS 0174 | FEMA 3506 |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| | | | | SODIUM CAL ALUMSIL HYD | NAS 0184 | |
| | | | | CALCIUM STEARATE | NAS 0260 | FEMA 3572 |
| 21 | SOUPS(R) | 02 | ANTIOXIDNT | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 21 | SOUPS(R) | 02 | ANTIOXIDNT | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| 21 | SOUPS(R) | 03 | COLOR | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROTENE | NAS 0063 | FEMA 3548 |
| 21 | SOUPS(R) | 07 | EMULSIFIER | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| 21 | SOUPS(R) | 09 | FIRMN AGNT | CALCIUM HYDROXIDE | NAS 0044 | |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | PROTEIN, ANIMAL, HYDROLYZ | NAS 0310 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| 21 | SOUPS(R) | 10 | FLAV ENHNC | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | POTASSIUM CHLORIDE | NAS 0151 | |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | PROTEIN, ANIMAL, HYDROLYZ | NAS 0310 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | DISODIUM GUANYLATE | NAS 0541 | FEMA 3292 |
| | | | | DISODIUM INOSINATE | NAS 0540 | FEMA 3293 |
| | | | | PROTEIN HYDROLYZATE | NAS 0398 | |
| 21 | SOUPS(R) | 11 | FLAV AGNT | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | L-CYSTEINE | NAS 0071 | FEMA 3285 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | DL-LEUCINE | NAS 0105 | FEMA 3329 |
| | | | | MONOAMMONIUM GLUTAMATE | NAS 0129 | FEMA 3648 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | POTASSIUM CHLORIDE | NAS 0151 | |
| | | | | SODIUM ACETATE | NAS 0175 | FEMA 3024 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM DIACETATE | NAS 0190 | FEMA 3512 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | BOUILLON, VEGET, SMOKED | NAS 0256 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | YEASTS | NAS 0333 | |
| | | | | ALLSPICE | | FEMA 2017 |
| | | | | ALLSPICE, OLEORESIN | | FEMA 2019 |
| | | | | BASIL | | FEMA 2118 |
| | | | | BASIL, OIL | | FEMA 2119 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 21 | SOUPS(R) | 11 | FLAV AGNT | BAY, SWEET | | FEMA 2124 |
| | | | | BAY, SWEET, OIL | | FEMA 2125 |
| | | | | CAPSICUM, EXTRACT | | FEMA 2233 |
| | | | | CARAWAY | NAS 0421 | FEMA 2236 |
| | | | | CARAWAY, OIL | | FEMA 2238 |
| | | | | CARROT, OIL | | FEMA 2244 |
| | | | | CASSIA | | FEMA 2256 |
| | | | | CELERY SEED | | FEMA 2268 |
| | | | | CELERY SEED, EXTRACT | | FEMA 2269 |
| | | | | CELERY SEED, OIL | | FEMA 2271 |
| | | | | CINNAMON | | FEMA 2289 |
| | | | | CINNAMON BARK, EXT | | FEMA 2290 |
| | | | | CINNAMON BARK, OIL | | FEMA 2291 |
| | | | | CLOVE BUD, OIL | | FEMA 2323 |
| | | | | CLOVES | | FEMA 2327 |
| | | | | CORIANDER | | FEMA 2333 |
| | | | | CUMIN | | FEMA 2340 |
| | | | | LEMON, OIL | | FEMA 2625 |
| | | | | MACE | | FEMA 2652 |
| | | | | MARJORAM, OLEORESIN | | FEMA 2659 |
| | | | | MARJORAM, POT | | FEMA 2660 |
| | | | | MARJORAM, SWEET | | FEMA 2662 |
| | | | | MUSTARD, YELLOW | | FEMA 2761 |
| | | | | NUTMEG | NAS 0431 | FEMA 2792 |
| | | | | ONION, OIL | | FEMA 2817 |
| | | | | OREGANO | | FEMA 2827 |
| | | | | ORIGANUM, OIL | | FEMA 2828 |
| | | | | PAPRIKA | | FEMA 2833 |
| | | | | PAPRIKA, OLEORESIN | | FEMA 2834 |
| | | | | PARSLEY | | FEMA 2835 |
| | | | | PARSLEY, OIL | | FEMA 2836 |
| | | | | PARSLEY, OLEORESIN | | FEMA 2837 |
| | | | | PEPPER, BLACK | | FEMA 2844 |
| | | | | PEPPER, BLACK, OIL | | FEMA 2845 |
| | | | | PEPPER, BLACK, OLEORES | | FEMA 2846 |
| | | | | PEPPER, RED | | FEMA 2849 |
| | | | | PEPPER, WHITE | | FEMA 2850 |
| | | | | ROSEMARY | | FEMA 2991 |
| | | | | SAGE | | FEMA 3000 |
| | | | | SAVORY, SUMMER | | FEMA 3012 |
| | | | | TARRAGON | | FEMA 3043 |
| | | | | THYME | | FEMA 3063 |
| | | | | THYME, OIL | | FEMA 3064 |
| | | | | TURMERIC | | FEMA 3085 |
| | | | | TURMERIC, OLEORESIN | | FEMA 3087 |
| | | | | ELEMI, OIL | | FEMA 2408 |
| | | | | LOVAGE, OIL | | FEMA 2651 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 21 | SOUPS(R) | 11 | FLAV AGNT | OAK MOSS, ABSOLUTE | | FEMA 2795 |
| | | | | DIALLYL DISULFIDE | | FEMA 2028 |
| | | | | HEPTANAL GLYCERYL ACETAL | | FEMA 2542 |
| | | | | N-/4-HYDROXY-3-METHOXYBEN | | FEMA 2787 |
| | | | | 1-OCTENOL-3 | | FEMA 2805 |
| | | | | PIPERIDINE | | FEMA 2908 |
| | | | | PROPYL THIOL | | FEMA 3380 |
| | | | | 2T,4T-DECADIENAL | | FEMA 3135 |
| | | | | 2,6-DIMETHOXYPHENOL | | FEMA 3137 |
| | | | | 2-METHYL-5-METHOXYTHIAZOL | | FEMA 3192 |
| | | | | O&-TOLUENETHIOL | | FEMA 3240 |
| | | | | DISODIUM GUANYLATE | NAS 0541 | FEMA 3292 |
| | | | | DISODIUM INOSINATE | NAS 0540 | FEMA 3293 |
| | | | | LEEK, OIL | | FEMA 3326 |
| | | | | BEEF EXTRACT | NAS 0366 | |
| | | | | CELERY SEED, OLEORESIN | | FEMA 3502 |
| | | | | GARLIC, ALLIUM SATIVUM | | FEMA 3508 |
| | | | | HYDRATROPIC ALD PG ACETAL | | FEMA 3559 |
| | | | | LACTOSE | NAS 0406 | FEMA 3667 |
| | | | | MAGNESIUM CHLORIDE | NAS 0387 | |
| | | | | PROTEIN HYDROLYZATE | NAS 0398 | |
| | | | | YEASTS, AUTOLYZED | NAS 0365 | |
| 21 | SOUPS(R) | 13 | FORMUL AID | SODIUM ACID PYROPHOS | NAS 0176 | |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| | | | | SODIUM CASEINATE | NAS 0167 | FEMA 3550 |
| | | | | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| | | | | DEXTROSE | NAS 0271 | |
| 21 | SOUPS(R) | 19 | NUTR SUPPL | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | D-ALPHA TOCOPH ACET | NAS 0228 | |
| 21 | SOUPS(R) | 20 | PH CONTROL | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| 21 | SOUPS(R) | 21 | PRESERVATV | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | SODIUM BISULFITE | NAS 0183 | |
| 21 | SOUPS(R) | 24 | SEQUESTRNT | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| 21 | SOUPS(R) | 25 | SOLV VEHIC | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 21 | SOUPS(R) | 26 | STBLZ THKR | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | CELLULOSE | NAS 0265 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | CORN STARCH | NAS 0411 | |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |
| | | | | GELATIN | NAS 0350 | |
| | | | | POTATO STARCH | NAS 0396 | |
| | | | | STARCH | NAS 0402 | |
| | | | | WHEAT STARCH | NAS 0404 | |
| 21 | SOUPS(R) | 27 | SURFACTANT | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | DEXTROSE | NAS 0271 | |
| 21 | SOUPS(R) | 30 | TEXTURIZER | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | STARCH | NAS 0402 | |
| 21 | SOUPS(R) | 40 | NUTR SWEET | SUCROSE | NAS 0328 | |
| 22 | SNACK FOODS(R) | 01 | ANTICAKNG | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CALCIUM SILICATE | NAS 0055 | |
| | | | | MAGNESIUM CARBONATE | NAS 0110 | |
| | | | | SILICA AEROGEL | NAS 0174 | FEMA 3506 |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| | | | | SODIUM CAL ALUMSIL HYD | NAS 0184 | |
| | | | | CALCIUM STEARATE | NAS 0260 | FEMA 3572 |
| 22 | SNACK FOODS(R) | 02 | ANTIOXIDNT | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | MONOGLYCERIDE CITRATE | NAS 0131 | |
| | | | | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| 22 | SNACK FOODS(R) | 03 | COLOR | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROTENE | NAS 0063 | FEMA 3548 |
| 22 | SNACK FOODS(R) | 05 | DOGH CONDR | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 22 | SNACK FOODS(R) | 07 | EMULSIFIER | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | SODIUM ACID PYROPHOS | NAS 0176 | |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| 22 | SNACK FOODS(R) | 09 | FIRMN AGNT | CALCIUM HYDROXIDE | NAS 0044 | |
| 22 | SNACK FOODS(R) | 10 | FLAV ENHNC | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | BROWN SUGAR | NAS 0369 | |
| | | | | CORN MEAL | NAS 0504 | |
| | | | | LIPASE | NAS 0386 | |
| | | | | PROTEIN HYDROLYZATE | NAS 0398 | |
| 22 | SNACK FOODS(R) | 11 | FLAV AGNT | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | CALCIUM HYDROXIDE | NAS 0044 | |
| | | | | CAPRYLIC ACID | NAS 0058 | FEMA 2799 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | PROPIONIC ACID | NAS 0163 | FEMA 2924 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | YEASTS | NAS 0333 | |
| | | | | ASAFETIDA, FLUID EXTRACT | | FEMA 2106 |
| | | | | ASAFETIDA, OIL | | FEMA 2108 |
| | | | | BASIL, OIL | | FEMA 2119 |
| | | | | BAY, SWEET | | FEMA 2124 |
| | | | | CARAWAY | NAS 0421 | FEMA 2236 |
| | | | | CARDAMOM | | FEMA 2240 |
| | | | | CAYENNE | | FEMA 2266 |
| | | | | CELERY SEED | | FEMA 2268 |
| | | | | CELERY SEED, EXTRACT | | FEMA 2269 |
| | | | | CLOVE BUD, OIL | | FEMA 2323 |
| | | | | CORIANDER | | FEMA 2333 |
| | | | | CUMIN | | FEMA 2340 |
| | | | | CUMIN, OIL | | FEMA 2343 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FCDD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 22 | SNACK FOODS(R) | 11 | FLAV AGNT | DILL, OIL | | FEMA 2383 |
| | | | | FENNEL, COMMON | | FEMA 2481 |
| | | | | GARLIC, OIL | | FEMA 2503 |
| | | | | MACE | | FEMA 2652 |
| | | | | MARJORAM, SWEET | | FEMA 2662 |
| | | | | MUSTARD, BROWN | | FEMA 2760 |
| | | | | MUSTARD, YELLOW | | FEMA 2761 |
| | | | | ONION, OIL | | FEMA 2817 |
| | | | | OREGANO | | FEMA 2827 |
| | | | | PAPRIKA | | FEMA 2833 |
| | | | | PARSLEY | | FEMA 2835 |
| | | | | PEPPER, BLACK | | FEMA 2844 |
| | | | | PEPPER, BLACK, OLEORES | | FEMA 2846 |
| | | | | PEPPER, RED | | FEMA 2849 |
| | | | | PEPPER, WHITE | | FEMA 2850 |
| | | | | ROSEMARY | | FEMA 2991 |
| | | | | TURMERIC | | FEMA 3085 |
| | | | | HICKORY, SMOKE, DIST | | FEMA 3320 |
| | | | | N-BUTYRIC ACID | NAS 0337 | FEMA 2221 |
| | | | | DIACETYL | | FEMA 2370 |
| | | | | GALBANUM, OIL | | FEMA 2501 |
| | | | | ETHYL ISOVALERATE | | FEMA 2463 |
| | | | | 2-HEPTANONE | | FEMA 2544 |
| | | | | HEXANOIC ACID | | FEMA 2559 |
| | | | | 2,6-NONADIENOL-1 | | FEMA 2760 |
| | | | | 2-NONANONE | | FEMA 2785 |
| | | | | 2-OCTANONE | | FEMA 2802 |
| | | | | 1-OCTENOL-3 | | FEMA 2805 |
| | | | | 2-PENTANONE | | FEMA 2842 |
| | | | | 2-UNDECANONE | | FEMA 3093 |
| | | | | 3-OCTANOL | | FEMA 3360 |
| | | | | 1-OCTEN-3-YL ACETATE | | FEMA 3362 |
| | | | | 3-OCTYL ACETATE | | FEMA 3363 |
| | | | | ANNATTO, EXTRACT | | FEMA 2103 |
| | | | | ANNATTO, SEED | | FEMA 2104 |
| | | | | DECANOIC ACID | | FEMA 2364 |
| | | | | FURFURYL MERCAPTAN | | FEMA 2493 |
| | | | | 5-METHYLFURFURAL | | FEMA 2702 |
| | | | | VANILLIN | NAS 0336 | FEMA 3107 |
| | | | | 2-OCTENAL | | FEMA 3215 |
| | | | | OO-TOLUENETHIOL | | FEMA 3240 |
| | | | | TRIMETHYLAMINE | | FEMA 3241 |
| | | | | ACETONE | | FEMA 3588 |
| | | | | CHEDDAR CHEESE | NAS 0517 | FEMA 3527 |
| | | | | COCONUT OIL | NAS 0373 | FEMA 3659 |
| | | | | COTTONSEED OIL | NAS 0376 | FEMA 3660 |
| | | | | 2-HEPTANOL | | FEMA 3564 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 22 | SNACK FOODS(R) | 11 | FLAV AGNT | HYDROGEN SULF-PROPIONAL | | FEMA 3560 |
| | | | | 2-NONANOL | | FEMA 3565 |
| | | | | YEAST PASTES | NAS 0405 | |
| 22 | SNACK FOODS(R) | 13 | FORMUL AID | DEXTROSE | NAS 0271 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | COCONUT OIL | NAS 0373 | FEMA 3659 |
| | | | | WHEAT STARCH | NAS 0404 | |
| 22 | SNACK FOODS(R) | 15 | HUMECTANT | GLYCERIN | NAS 0089 | FEMA 2525 |
| 22 | SNACK FOODS(R) | 16 | LEAVENING | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | YEASTS | NAS 0333 | |
| 22 | SNACK FOODS(R) | 19 | NUTR SUPPL | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM PANTOTHENATE | NAS 0047 | |
| | | | | COPPER GLUCONATE | NAS 0069 | |
| | | | | FERRIC PYROPHOSPHATE | NAS 0081 | |
| | | | | MAGNESIUM OXIDE | NAS 0112 | |
| | | | | MANGANESE SULFATE | NAS 0124 | |
| | | | | NIACIN | NAS 0136 | |
| | | | | NIACINAMIDE | NAS 0137 | |
| | | | | PYRIDOXINE HYDROCHLORIDE | NAS 0167 | |
| | | | | RIBOFLAVIN | NAS 0169 | |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | THIAMINE MONONITRATE | NAS 0222 | |
| | | | | D-ALPHA TOCOPH ACET | NAS 0228 | |
| | | | | VITAMIN A PALMITATE | NAS 0243 | |
| | | | | VITAMIN B12 | NAS 0244 | |
| | | | | POTATO FLAKES | NAS 0508 | |
| | | | | SOYA PROTEIN ISOLATE | NAS 0446 | |
| 22 | SNACK FOODS(R) | 20 | PH CONTROL | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | ADIPIC ACID | NAS 0003 | FEMA 2011 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | SODIUM ACETATE | NAS 0175 | FEMA 3024 |
| | | | | SODIUM DIACETATE | NAS 0190 | FEMA 3512 |
| | | | | SODIUM PHOSPHATE MONO | NAS 0198 | FEMA 3534 |
| | | | | SODIUM PHOSPHATE TRI | NAS 0199 | |
| 22 | SNACK FOODS(R) | 22 | PROCES AID | CALCIUM HYDROXIDE | NAS 0044 | |
| | | | | CALCIUM SILICATE | NAS 0055 | |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | VEGETABLE OIL | NAS 0436 | FEMA 3702 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 22 | SNACK FOODS(R) | 25 | SOLV VEHIC | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| 22 | SNACK FOODS(R) | 26 | STBLZ THKR | CALCIUM PHOSPHATE MONO | NAS 0049 | |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | GELATIN | NAS 0350 | |
| | | | | STARCH | NAS 0402 | |
| 22 | SNACK FOODS(R) | 27 | SURFACTANT | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| 22 | SNACK FOODS(R) | 29 | SYNERGIST | CITRIC ACID | NAS 0068 | FEMA 2306 |
| 22 | SNACK FOODS(R) | 30 | TEXTURIZER | AMMONIUM BICARBONATE | NAS 0013 | |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | ARROWROOT STARCH | NAS 0364 | |
| | | | | CORN STARCH | NAS 0411 | |
| 22 | SNACK FOODS(R) | 40 | NUTR SWEET | SUCROSE | NAS 0328 | |
| 23 | BEV TYPE I(R) | 01 | ANTICAKNG | CALCIUM OXIDE | NAS 0046 | |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CALCIUM SILICATE | NAS 0055 | |
| | | | | SILICA AEROGEL | NAS 0174 | FEMA 3506 |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| 23 | BEV TYPE I(R) | 02 | ANTIOXIDNT | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | ERYTHORBIC ACID | NAS 0078 | FEMA 2410 |
| | | | | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| | | | | STANNOUS CHLORIDE | NAS 0213 | |
| | | | | TOCOPHEROLS CONC MIXED | NAS 0227 | |
| | | | | SODIUM ERYTHORBATE | NAS 0317 | |
| 23 | BEV TYPE I(R) | 03 | COLOR | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | L-CYSTEINE | NAS 0071 | FEMA 3285 |
| | | | | STANNOUS CHLORIDE | NAS 0213 | |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |
| 23 | BEV TYPE I(R) | 07 | EMULSIFIER | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | GHATTI GUM | NAS 0086 | FEMA 2519 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 07 | EMULSIFIER | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | SODIUM CASEINATE | NAS 0167 | FEMA 3550 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |
| | | | | PROPYLENE GLYCOL MSTEARAT | NAS 0309 | FEMA 2942 |
| | | | | POLYSORBATE 20 | | FEMA 2915 |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | BROMINATED VEG OILS | | FEMA 2168 |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | GLYEST WOODROS/EST GUM | | FEMA 3309 |
| 23 | BEV TYPE I(R) | 08 | ENZYME | FUNGAL GLUCOSE OXIDASE | NAS 0455 | |
| | | | | FUNGAL HEMICELLULASE | NAS 0456 | |
| 23 | BEV TYPE I(R) | 10 | FLAV ENHNC | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | CAFFEINE | NAS 0034 | FEMA 2224 |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CARBON DIOXIDE | NAS 0060 | |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MAGNESIUM SULFATE | NAS 0117 | |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM GLUCONATE | NAS 0191 | |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | MALTOL | | FEMA 2656 |
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | ADIPIC ACID | NAS 0003 | FEMA 2011 |
| | | | | DL-ALANINE | NAS 0005 | FEMA 3251 |
| | | | | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | BEESWAX, BLEACHED | NAS 0027 | FEMA 2126 |
| | | | | BENZOIC ACID | NAS 0029 | FEMA 2131 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | CAFFEINE | NAS 0034 | FEMA 2224 |
| | | | | CALCIUM LACTATE | NAS 0045 | FEMA 3535 |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CAPRYLIC ACID | NAS 0058 | FEMA 2799 |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | CARBON DIOXIDE | NAS 0060 | |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2648 |
| | | | | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | L-CYSTEINE | NAS 0071 | FEMA 3285 |
| | | | | DL-CYSTINE | NAS 0072 | FEMA 3286 |
| | | | | ERYTHORBIC ACID | NAS 0078 | FEMA 2410 |
| | | | | ETHYL FORMATE | NAS 0079 | FEMA 2434 |
| | | | | GLUTAMIC ACID | NAS 0087 | FEMA 3307 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | DL-ISOLEUCINE | NAS 0101 | FEMA 3330 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | DL-LEUCINE | NAS 0105 | FEMA 3329 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | NITROUS OXIDE | NAS 0139 | FEMA 2779 |
| | | | | DL-PHENYLALANINE | NAS 0143 | FEMA 3372 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | POTASSIUM CARBONATE | NAS 0150 | |
| | | | | POTASSIUM CITRATE | NAS 0152 | |
| | | | | POTASSIUM SULFATE | NAS 0159 | |
| | | | | PROPIONIC ACID | NAS 0163 | FEMA 2924 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | TRIACETIN | NAS 0233 | FEMA 2007 |
| | | | | TRIETHYL CITRATE | NAS 0234 | FEMA 3083 |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | TANNIC ACID | NAS 0330 | FEMA 3042 |
| | | | | ALFALFA, EXTRACT | | FEMA 2013 |
| | | | | ALLSPICE | | FEMA 2017 |
| | | | | ALLSPICE, OIL | | FEMA 2018 |
| | | | | ALMOND OIL, BITTER, FFPA | | FEMA 2046 |
| | | | | AMBERGRIS, TINCTURE | | FEMA 2049 |
| | | | | AMBRETTE, ABSOLUTE, OIL | | FEMA 2050 |
| | | | | AMBRETTE SEED, OIL | | FEMA 2051 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | AMBRETTE, TINCTURE | FEMA 2052 |
| | | | | ANGELICA ROOT, EXTRACT | FEMA 2087 |
| | | | | ANGELICA ROOT, OIL | FEMA 2088 |
| | | | | ANGELICA SEED, EXTRACT | FEMA 2089 |
| | | | | ANGELICA SEED, OIL | FEMA 2090 |
| | | | | ANGELICA STEM, OIL | FEMA 2091 |
| | | | | ANGOSTURA, EXTRACT | FEMA 2092 |
| | | | | ANISE | FEMA 2093 |
| | | | | ANISE, OIL | FEMA 2094 |
| | | | | ANISE, STAR | FEMA 2095 |
| | | | | ANISE, STAR, OIL | FEMA 2096 |
| | | | | ASAFETIDA, FLUID EXTRACT | FEMA 2106 |
| | | | | ASAFETIDA, OIL | FEMA 2108 |
| | | | | ASH BARK, PRICKLY, EXT | FEMA 2110 |
| | | | | BALM LEAVES, EXTRACT | FEMA 2112 |
| | | | | BALM, OIL | FEMA 2113 |
| | | | | BALSAM, PERU | FEMA 2116 |
| | | | | BALSAM, PERU, OIL | FEMA 2117 |
| | | | | BASIL | FEMA 2118 |
| | | | | BASIL, OIL | FEMA 2119 |
| | | | | BASIL, OLEORESIN | FEMA 2120 |
| | | | | BAY LEAVES, W IND, EXT | FEMA 2121 |
| | | | | BAY LEAVES, W IND, OIL | FEMA 2122 |
| | | | | BAY LEAVES, W IND, RESIN | FEMA 2123 |
| | | | | BAY, SWEET | FEMA 2124 |
| | | | | BAY, SWEET, OIL | FEMA 2125 |
| | | | | BERGAMOT, OIL | FEMA 2153 |
| | | | | CANANGA, OIL | FEMA 2232 |
| | | | | CAPSICUM, EXTRACT | FEMA 2233 |
| | | | | CAPSICUM, OLEORESIN | FEMA 2234 |
| | | | | CARAWAY, OIL | FEMA 2238 |
| | | | | CARDAMOM | FEMA 2240 |
| | | | | CARDAMOM SEED, OIL | FEMA 2241 |
| | | | | CARROT, OIL | FEMA 2244 |
| | | | | CASCARILLA BARK, EXT | FEMA 2254 |
| | | | | CASCARILLA BARK, OIL | FEMA 2255 |
| | | | | CASSIA | FEMA 2256 |
| | | | | CASSIA BARK, EXTRACT | FEMA 2257 |
| | | | | CASSIA BARK, OIL | FEMA 2258 |
| | | | | CASTOREUM, EXTRACT | FEMA 2261 |
| | | | | CASTOREUM, LIQUID | FEMA 2262 |
| | | | | CAYENNE | FEMA 2266 |
| | | | | CELERY SEED | FEMA 2268 |
| | | | | CELERY SEED, EXTRACT | FEMA 2269 |
| | | | | CELERY SEED, EXT SOLID | FEMA 2270 |
| | | | | CELERY SEED, OIL | FEMA 2271 |
| | | | | CHAMOMILE FLOWER OIL, ENG | FEMA 2272 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 23 | BEV TYPE (R) | 11 | FLAV AGNT | CHAMOMILE FLOWER OIL, HUN | FEMA 2273 |
| | | | | CHAMOMILE FLOWER EXT, ROM | FEMA 2274 |
| | | | | CHAMOMILE FLOWER OIL, ROM | FEMA 2275 |
| | | | | CHERRY BARK, WILD, EXT | FEMA 2276 |
| | | | | CHERVIL | FEMA 2279 |
| | | | | CHICORY, EXTRACT | FEMA 2280 |
| | | | | CINNAMON | FEMA 2289 |
| | | | | CINNAMON BARK, EXT | FEMA 2290 |
| | | | | CINNAMON BARK, OIL | FEMA 2291 |
| | | | | CINNAMON LEAF, OIL | FEMA 2292 |
| | | | | CITRONELLA, OIL | FEMA 2308 |
| | | | | CIVET, ABSOLUTE | FEMA 2319 |
| | | | | CLARY | FEMA 2320 |
| | | | | CLARY, OIL | FEMA 2321 |
| | | | | CLOVE BUD, EXTRACT | FEMA 2322 |
| | | | | CLOVE BUD, OIL | FEMA 2323 |
| | | | | CLOVE BUD, OLEORESIN | FEMA 2324 |
| | | | | CLOVE LEAF, OIL | FEMA 2325 |
| | | | | CLOVER TOP RED, EXT SOLID | FEMA 2326 |
| | | | | CLOVES | FEMA 2327 |
| | | | | CLOVE STEM, OIL | FEMA 2328 |
| | | | | COCA LEAF, EXTRACT | FEMA 2329 |
| | | | | COGNAC, GREEN, OIL | FEMA 2331 |
| | | | | COGNAC, WHITE, OIL | FEMA 2332 |
| | | | | CORIANDER | FEMA 2333 |
| | | | | CORIANDER, OIL | FEMA 2334 |
| | | | | CORN SILK | FEMA 2335 |
| | | | | CUMIN, OIL | FEMA 2343 |
| | | | | CURACO PEEL, EXT | FEMA 2344 |
| | | | | CURACAO PEEL, OIL | FEMA 2345 |
| | | | | DANDELION, FLUID EXT | FEMA 2357 |
| | | | | DANDELION ROOT, EXT SOLID | FEMA 2358 |
| | | | | DILL, OIL | FEMA 2383 |
| | | | | DOGGRASS, EXTRACT | FEMA 2403 |
| | | | | ELDER FLOWERS | FEMA 2406 |
| | | | | ESTRAGON, OIL | FEMA 2412 |
| | | | | FENNEL, SWEET | FEMA 2482 |
| | | | | FENNEL, SWEET, OIL | FEMA 2483 |
| | | | | FENUGREEK | FEMA 2484 |
| | | | | FENUGREEK, EXTRACT | FEMA 2485 |
| | | | | FENUGREEK, OLEORESIN | FEMA 2486 |
| | | | | GALANGAL ROOT, EXTRCT | FEMA 2499 |
| | | | | GALANGAL ROOT, OIL | FEMA 2500 |
| | | | | GARLIC, OIL | FEMA 2503 |
| | | | | GERANIUM, ROSE, OIL | FEMA 2508 |
| | | | | GINGER | FEMA 2520 |
| | | | | GINGER, EXTRACT | FEMA 2521 |

TABLE 10 -- SUBSTANCES (GROUP 1-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | GINGER, OIL | | FEMA 2522 |
| | | | | GINGER, OLEORESIN | | FEMA 2523 |
| | | | | GLYCYRRHIZIN, AMMONIATED | | FEMA 2528 |
| | | | | GRAINS OF PARADISE | | FEMA 2529 |
| | | | | GRAPEFRUIT, OIL | | FEMA 2530 |
| | | | | HOPS, EXTRACT | | FEMA 2578 |
| | | | | HOPS, EXTRACT SOLID | | FEMA 2579 |
| | | | | HOPS, OIL | | FEMA 2580 |
| | | | | HOREHOUND, EXTRACT | | FEMA 2581 |
| | | | | HYSSOP, OIL | | FEMA 2591 |
| | | | | IMMORTELLE, EXTRACT | | FEMA 2592 |
| | | | | JASMINE, ABSOLUTE | | FEMA 2598 |
| | | | | JASMINE, CONCRETE | | FEMA 2599 |
| | | | | JASMINE, OIL | | FEMA 2600 |
| | | | | JASMINE, SPIRITUS | | FEMA 2601 |
| | | | | JUNIPER, EXTRACT | | FEMA 2603 |
| | | | | JUNIPER, OIL | | FEMA 2604 |
| | | | | KOLA NUT, EXTRACT | | FEMA 2607 |
| | | | | LAVANDIN, OIL | | FEMA 2618 |
| | | | | LAVENDER, ABSOLUTE | | FEMA 2620 |
| | | | | LAVENDER, CONCRETE | | FEMA 2621 |
| | | | | LAVENDER, OIL | | FEMA 2622 |
| | | | | LEMON, EXTRACT | | FEMA 2623 |
| | | | | LEMON-GRASS, OIL | | FEMA 2624 |
| | | | | LEMON, OIL | | FEMA 2625 |
| | | | | LEMON OIL, TERP/LESS | | FEMA 2626 |
| | | | | LICORICE, EXTRACT | | FEMA 2628 |
| | | | | LICORICE, EXT POWDER | | FEMA 2629 |
| | | | | LICORICE ROOT | NAS 0564 | FEMA 2630 |
| | | | | LIME, OIL | | FEMA 2631 |
| | | | | LIME OIL, TERPENELESS | | FEMA 2632 |
| | | | | MACE | | FEMA 2652 |
| | | | | MACE, OIL | | FEMA 2653 |
| | | | | MACE, OLEORESIN | | FEMA 2654 |
| | | | | MANDARIN, OIL | | FEMA 2657 |
| | | | | MARIGOLD, PUT | | FEMA 2658 |
| | | | | MARJORAM, OLEORESIN | | FEMA 2659 |
| | | | | MARJORAM, SWEET, OIL | | FEMA 2663 |
| | | | | MENTHOL | | FEMA 2665 |
| | | | | MENTHYL ACETATE | | FEMA 2668 |
| | | | | MUSK TONQUIN | | FEMA 2759 |
| | | | | NEROLI BIGARDE, OIL | | FEMA 2771 |
| | | | | NUTMEG | NAS 0431 | FEMA 2792 |
| | | | | NUTMEG, OIL | | FEMA 2793 |
| | | | | ONION, OIL | | FEMA 2817 |
| | | | | ORANGE BLOSSOMS, ABS | | FEMA 2818 |
| | | | | ORANGE FLOWERS | | FEMA 2819 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | ORANGE LEAF, ABSOLUTE | | FEMA 2820 |
| | | | | ORANGE OIL | NAS 0493 | FEMA 2821 |
| | | | | ORANGE, OIL, TERPENELESS | | FEMA 2822 |
| | | | | ORANGE PEEL, BITTER, OIL | | FEMA 2823 |
| | | | | ORANGE PEEL, SWEET, EXT | | FEMA 2824 |
| | | | | ORANGE PEEL, SWEET, OIL | | FEMA 2825 |
| | | | | ORNGPL OIL SWEET TERP/LES | | FEMA 2826 |
| | | | | ORIGANUM, OIL | | FEMA 2828 |
| | | | | PALMAROSA, OIL | | FEMA 2831 |
| | | | | PAPRIKA | | FEMA 2833 |
| | | | | PAPRIKA, OLEORESIN | | FEMA 2834 |
| | | | | PARSLEY, OIL | | FEMA 2836 |
| | | | | PARSLEY, OLEORESIN | | FEMA 2837 |
| | | | | PEPPER, BLACK | | FEMA 2844 |
| | | | | PEPPER, BLACK, OIL | | FEMA 2845 |
| | | | | PEPPER, BLACK, OLEORES | | FEMA 2846 |
| | | | | PEPPERMINT, OIL | | FEMA 2848 |
| | | | | PEPPER, WHITE | | FEMA 2850 |
| | | | | PEPPER, WHITE, OIL | | FEMA 2851 |
| | | | | PEPPER, WHITE, OLEORES | | FEMA 2852 |
| | | | | PETITGRAIN, LEMON, OIL | | FEMA 2853 |
| | | | | PETITGRAIN, MAND, OIL | | FEMA 2854 |
| | | | | PETITGRAIN, OIL | | FEMA 2855 |
| | | | | PIMENTA LEAF, OIL | | FEMA 2901 |
| | | | | PIPSISSEWA LEAVES, EXT | | FEMA 2914 |
| | | | | POMEGRANATE BARK, EXT | | FEMA 2918 |
| | | | | ROSE, ABSOLUTE | | FEMA 2988 |
| | | | | ROSE BULG/TRUE OTTO, OIL | | FEMA 2989 |
| | | | | ROSEMARY | | FEMA 2991 |
| | | | | ROSEMARY, OIL | | FEMA 2992 |
| | | | | ROSE WATER, STRONGER | | FEMA 2993 |
| | | | | RUE | | FEMA 2994 |
| | | | | RUE, OIL | | FEMA 2995 |
| | | | | SAFFRON | | FEMA 2998 |
| | | | | SAFFRON, EXTRACT | | FEMA 2999 |
| | | | | SAGE, OIL | | FEMA 3001 |
| | | | | SAGE, SPANISH, OIL | | FEMA 3003 |
| | | | | SCHINUS MOLLE, OIL | | FEMA 3018 |
| | | | | SLOE BERRIES | | FEMA 3020 |
| | | | | SLOE BERRIES, EXTRACT | | FEMA 3021 |
| | | | | SLOE BERRIES, EXT SOLID | | FEMA 3022 |
| | | | | SPEARMINT | | FEMA 3030 |
| | | | | SPEARMINT, EXTRACT | | FEMA 3031 |
| | | | | SPEARMINT, OIL | | FEMA 3032 |
| | | | | SPIKE LAVENDER, OIL | | FEMA 3033 |
| | | | | TANGERINE, OIL | | FEMA 3041 |
| | | | | TARRAGON | | FEMA 3043 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | THYME, OIL | | FEMA 3064 |
| | | | | THYME, WHITE, OIL | | FEMA 3065 |
| | | | | TUBEROSE, OIL | | FEMA 3084 |
| | | | | TURMERIC, EXTRACT | | FEMA 3086 |
| | | | | VANILLA | NAS 0433 | FEMA 3104 |
| | | | | VANILLA EXTRACT | NAS 0482 | FEMA 3105 |
| | | | | VANILLA, OLEORESIN | | FEMA 3106 |
| | | | | VIOLET LEAVES, ABSOL | | FEMA 3110 |
| | | | | YLANG YLANG, OIL | | FEMA 3119 |
| | | | | ZEDOARY | | FEMA 3122 |
| | | | | ZEDOARYBARK, EXTRCT | | FEMA 3123 |
| | | | | COCOA EXTRACT | | FEMA 3278 |
| | | | | COFFEE, EXTRACT | | FEMA 3279 |
| | | | | HICKORY, SMOKE, DIST | | FEMA 3320 |
| | | | | LUPULIN | | FEMA 3332 |
| | | | | MALT, EXTRACT | | FEMA 3334 |
| | | | | MATE LEAVES | | FEMA 3336 |
| | | | | TAMARIND, EXTRACT | | FEMA 3395 |
| | | | | TEA, EXTRACT | | FEMA 3397 |
| | | | | ACETALDEHYDE | NAS 0448 | FEMA 2003 |
| | | | | ACETOIN | NAS 0363 | FEMA 2008 |
| | | | | ACONITIC ACID | | FEMA 2010 |
| | | | | ANETHOLE | | FEMA 2086 |
| | | | | BENZALDEHYDE | NAS 0367 | FEMA 2127 |
| | | | | N-BUTYRIC ACID | NAS 0337 | FEMA 2221 |
| | | | | TRIBUTYRIN | | FEMA 2223 |
| | | | | CARVONE | | FEMA 2249 |
| | | | | CINNAMALDEHYDE | | FEMA 2286 |
| | | | | CINNAMALDE ETHYLENE GLYOL | | FEMA 2287 |
| | | | | CITRAL | | FEMA 2303 |
| | | | | DECANAL | | FEMA 2362 |
| | | | | DIACETYL | | FEMA 2370 |
| | | | | ETHYL ACETATE | NAS 0449 | FEMA 2414 |
| | | | | ETHYL BUTYRATE | | FEMA 2427 |
| | | | | ETHYL METHYLPHENYLGLYCIDA | | FEMA 2444 |
| | | | | ETHYL VANILLIN | | FEMA 2464 |
| | | | | EUGENOL | | FEMA 2467 |
| | | | | GERANIOL | | FEMA 2507 |
| | | | | GERANYL ACETATE | | FEMA 2509 |
| | | | | /&/-LIMONENE | | FEMA 2633 |
| | | | | LINALOOL | | FEMA 2635 |
| | | | | LINALYL ACETATE | | FEMA 2636 |
| | | | | METHYL ANTHRANILATE | NAS 0563 | FEMA 2682 |
| | | | | PIPERONAL | | FEMA 2911 |
| | | | | GLYCEROL TRIBUTYRATE | | FEMA 3308 |
| | | | | ALOE, EXTRACT | | FEMA 2047 |
| | | | | ALTHEA ROOT | | FEMA 2048 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | BALSAM FIR, OIL | FEMA 2114 |
| | | | | BALSAM FIR, OLEORESIN | FEMA 2115 |
| | | | | BENZOIN, RESIN | FEMA 2133 |
| | | | | BLACKBERRY BARK, EXT | FEMA 2155 |
| | | | | BURGNIA, ABSOLUTE | FEMA 2167 |
| | | | | BUCHU LEAVES, OIL | FEMA 2169 |
| | | | | CAJEPUT, OIL | FEMA 2225 |
| | | | | CAMPHOR, JAP, WHITE, OIL | FEMA 2231 |
| | | | | CASCARA BITTERLESS, EXT | FEMA 2253 |
| | | | | CASSIE, ABSOLUTE | FEMA 2260 |
| | | | | CASTOR, OIL | FEMA 2263 |
| | | | | CATECHU, EXTRACT | FEMA 2264 |
| | | | | CATECHU, POWDER | FEMA 2265 |
| | | | | CEDAR LEAF, OIL | FEMA 2267 |
| | | | | CHERRY LAUREL OIL, FFPA | FEMA 2277 |
| | | | | CHERRY PITS, EXTRACT | FEMA 2278 |
| | | | | CINCHONA BARK, RED, EXT | FEMA 2282 |
| | | | | CINCHONA BARK, YELLOW | FEMA 2283 |
| | | | | CINCHONA BARK, YEL, EXT | FEMA 2284 |
| | | | | CINCHONA, EXTRACT | FEMA 2285 |
| | | | | COSTUS ROOT, OIL | FEMA 2336 |
| | | | | CUBEBS | FEMA 2338 |
| | | | | CUBEBS, OIL | FEMA 2339 |
| | | | | CURRANT BUDS, BLACK, ABS | FEMA 2346 |
| | | | | DAVANA, OIL | FEMA 2359 |
| | | | | ELEMI, GUM | FEMA 2407 |
| | | | | ELEMI, OIL | FEMA 2408 |
| | | | | EUCALYPTUS, OIL | FEMA 2466 |
| | | | | GALBANUM, OIL | FEMA 2501 |
| | | | | GALBANUM, RESIN | FEMA 2502 |
| | | | | GENET, ABSOLUTE | FEMA 2504 |
| | | | | GENET, EXTRACT | FEMA 2505 |
| | | | | GENTIAN ROOT, EXTRACT | FEMA 2506 |
| | | | | GUAIAC WOOD, EXTRACT | FEMA 2533 |
| | | | | GUAIAC WOOD, OIL | FEMA 2534 |
| | | | | GUARANA, GUM | FEMA 2536 |
| | | | | HAW BARK, BLACK, EXT | FEMA 2538 |
| | | | | LABDANUM, ABSOLUTE | FEMA 2608 |
| | | | | LABDANUM, OIL | FEMA 2609 |
| | | | | LABDANUM, OLEORESIN | FEMA 2610 |
| | | | | LINALOE WOOD, OIL | FEMA 2634 |
| | | | | LOVAGE, EXTRACT | FEMA 2650 |
| | | | | LOVAGE, OIL | FEMA 2651 |
| | | | | MIMOSA, ABSOLUTE | FEMA 2755 |
| | | | | MT MAPLE, EXT SOLID | FEMA 2757 |
| | | | | MYRRH, GUM | FEMA 2765 |
| | | | | MYRRH, OIL | FEMA 2766 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | OAK CHIPS, EXTRACT | | FEMA 2794 |
| | | | | OAK MOSS, ABSOLUTE | | FEMA 2795 |
| | | | | OLIBANUM, OIL | | FEMA 2816 |
| | | | | ORRIS, CONCRETE, LIQ/OIL | | FEMA 2829 |
| | | | | ORRIS ROOT EXTRACT | | FEMA 2830 |
| | | | | PATCHOULY, OIL | | FEMA 2838 |
| | | | | PENNYROYAL, OIL | | FEMA 2839 |
| | | | | PINE NEED, DWARF, OIL | | FEMA 2904 |
| | | | | PINE, SCOTCH, OIL | | FEMA 2906 |
| | | | | QUASSIA, EXTRACT | | FEMA 2971 |
| | | | | QUEBRACHO BARK, EXTRACT | | FEMA 2972 |
| | | | | QUILLAJA | NAS 0399 | FEMA 2973 |
| | | | | RHATANY, EXTRACT | | FEMA 2979 |
| | | | | SANDALWOOD, YELLOW, OIL | | FEMA 3005 |
| | | | | SARSAPARILLA, EXTRACT | | FEMA 3009 |
| | | | | SNAKEROOT, CANADIAN, OIL | | FEMA 3023 |
| | | | | SPRUCE, OIL | | FEMA 3034 |
| | | | | STORAX | | FEMA 3036 |
| | | | | STYRAX, EXTRACT | | FEMA 3037 |
| | | | | TAGETES, OIL | | FEMA 3040 |
| | | | | TOLU, BALSAM, EXTRACT | | FEMA 3069 |
| | | | | TOLU, BALSAM, GUM | | FEMA 3070 |
| | | | | TURPENTINE, STEAM DIS | | FEMA 3069 |
| | | | | VALERIAN ROOT, EXTR | | FEMA 3099 |
| | | | | VALERIAN ROOT, OIL | | FEMA 3100 |
| | | | | WALNUT HULL, EXTRACT | | FEMA 3111 |
| | | | | WORMWOOD, EXTRACT | | FEMA 3115 |
| | | | | WORMWOOD, OIL | | FEMA 3116 |
| | | | | YERBA SANTA, FLU EXTR | | FEMA 3118 |
| | | | | YUCCA, MOHAVE, EXTRCT | | FEMA 3121 |
| | | | | AMYRIS | | FEMA 3254 |
| | | | | ARNICA, FLOWERS | | FEMA 3256 |
| | | | | CENTAURY | | FEMA 3272 |
| | | | | CHESTNUT, LEAVES EXTR | | FEMA 3273 |
| | | | | CHIRATA | | FEMA 3274 |
| | | | | COPAIBA | | FEMA 3280 |
| | | | | DAMIANA, LEAVES | | FEMA 3288 |
| | | | | ELECAMPANE, RIGIZ/ROOT | | FEMA 3294 |
| | | | | GENTIAN, STEMLESS | | FEMA 3304 |
| | | | | LEMON, VERBENA | | FEMA 3327 |
| | | | | LUNGMOSS (LUNGWORT) | | FEMA 3331 |
| | | | | MULLIEN, FLOWERS | | FEMA 3356 |
| | | | | OPOPANAX | | FEMA 3365 |
| | | | | PASSION FLOWER,HERB EXT | | FEMA 3367 |
| | | | | RHUBARB, ROOT | | FEMA 3382 |
| | | | | ROSELLE | | FEMA 3383 |
| | | | | ST. JOHNSWORT | | FEMA 3385 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | SERPENTARIA | FEMA 3389 |
| | | | | SINARUBA, BARK | FEMA 3390 |
| | | | | VERVAIN, EUROPEAN | FEMA 3405 |
| | | | | VETIVER | FEMA 3406 |
| | | | | VIOLET, SWISS | FEMA 3407 |
| | | | | WOODRUFF, SWEET | FEMA 3408 |
| | | | | ACETAL | FEMA 2002 |
| | | | | ACETALDEHYDE PHENETHYL PR | FEMA 2004 |
| | | | | ACETANISOLE | FEMA 2005 |
| | | | | ACETOPHENONE | FEMA 2009 |
| | | | | ALLYL ANTHRANILATE | FEMA 2020 |
| | | | | ALLYL BUTYRATE | FEMA 2021 |
| | | | | ALLYL CINNAMATE | FEMA 2022 |
| | | | | ALLYL CYCLOHEXANEACETATE | FEMA 2023 |
| | | | | ALLYL CYCLOHEXANEBUTYRATE | FEMA 2024 |
| | | | | ALLYL CYCLOHEXANEHEXANOAT | FEMA 2025 |
| | | | | ALLYL CYCLOHEXANEPROPIONA | FEMA 2026 |
| | | | | ALLYL CYCLOHEXANEVALERATE | FEMA 2027 |
| | | | | DIALLYL DISULFIDE | FEMA 2028 |
| | | | | ALLYL 2-ETHYLBUTYRATE | FEMA 2029 |
| | | | | ALLYL HEXANOATE | FEMA 2032 |
| | | | | ALLYL A&-IONONE | FEMA 2033 |
| | | | | ALLYL ISOTHIOCYANATE | FEMA 2034 |
| | | | | ALLYL MERCAPTAN | FEMA 2035 |
| | | | | ALLYL NONANOATE | FEMA 2036 |
| | | | | ALLYL OCTANOATE | FEMA 2037 |
| | | | | ALLYL PHENOXYACETATE | FEMA 2038 |
| | | | | ALLYL PHENYLACETATE | FEMA 2039 |
| | | | | ALLYL PROPIONATE | FEMA 2040 |
| | | | | ALLYL SORBATE | FEMA 2041 |
| | | | | DIALLYL SULFIDE | FEMA 2042 |
| | | | | ALLYL TIGLATE | FEMA 2043 |
| | | | | ALLYL 1-UNDECENOATE | FEMA 2044 |
| | | | | ALLYL ISOVALERATE | FEMA 2045 |
| | | | | AMMONIUM ISOVALERATE | FEMA 2054 |
| | | | | ISOAMYL ACETATE | FEMA 2055 |
| | | | | AMYL ALCOHOL | FEMA 2056 |
| | | | | ISOAMYL ALCOHOL | FEMA 2057 |
| | | | | ISOAMYL BENZOATE | FEMA 2058 |
| | | | | AMYL BUTYRATE | FEMA 2059 |
| | | | | ISOAMYL BUTYRATE | FEMA 2060 |
| | | | | A&-AMYLCINNAMALDEHYDE | FEMA 2061 |
| | | | | A&-AMYLCINNAMALDEHYD DIME | FEMA 2062 |
| | | | | ISOAMYL CINNAMATE | FEMA 2063 |
| | | | | A&-AMYLCINNAMYL ACETATE | FEMA 2064 |
| | | | | A&-AMYLCINNAMYL ALCOHOL | FEMA 2065 |
| | | | | A&-AMYLCINNAMYL FORMATE | FEMA 2066 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | A&-AMYLCINNAMYL ISOVALER | FEMA 2067 |
| | | | | AMYL FORMATE | FEMA 2068 |
| | | | | ISOAMYL FORMATE | FEMA 2069 |
| | | | | ISOAMYL 2-FURANBUTYRATE | FEMA 2070 |
| | | | | ISOAMYL 2-FURANPROPIONATE | FEMA 2071 |
| | | | | AMYL HEPTANOATE | FEMA 2073 |
| | | | | AMYL HEXANOATE | FEMA 2074 |
| | | | | ISOAMYL HEXANOATE | FEMA 2075 |
| | | | | ISOAMYL LAURATE | FEMA 2077 |
| | | | | ISOAMYL NONANOATE | FEMA 2078 |
| | | | | AMYL OCTANOATE | FEMA 2079 |
| | | | | ISOAMYL OCTANOATE | FEMA 2080 |
| | | | | ISOAMYL PHENYLACETATE | FEMA 2081 |
| | | | | ISOAMYL PROPIONATE | FEMA 2082 |
| | | | | ISOAMYL PYRUVATE | FEMA 2083 |
| | | | | ISOAMYL SALICYLATE | FEMA 2084 |
| | | | | ISOAMYL ISOVALERATE | FEMA 2085 |
| | | | | ANISOLE | FEMA 2097 |
| | | | | ANISYL ACETATE | FEMA 2098 |
| | | | | ANISYL ALCOHOL | FEMA 2099 |
| | | | | ANISYL BUTYRATE | FEMA 2100 |
| | | | | ANISYL FORMATE | FEMA 2101 |
| | | | | ANISYL PROPIONATE | FEMA 2102 |
| | | | | BENZALDEHYDE DIME ACETAL | FEMA 2128 |
| | | | | BENZALD. GLYCERYL ACETAL | FEMA 2129 |
| | | | | BENZALD PROPYLENE GLYC | FEMA 2130 |
| | | | | BENZOIN | FEMA 2132 |
| | | | | BENZOPHENONE | FEMA 2134 |
| | | | | BENZYL ACETATE | FEMA 2135 |
| | | | | BENZYL ACETOACETATE | FEMA 2136 |
| | | | | BENZYL ALCOHOL | FEMA 2137 |
| | | | | BENZYL BENZOATE | FEMA 2138 |
| | | | | BENZYL BUTYL ETHER | FEMA 2139 |
| | | | | BENZYL BUTYRATE | FEMA 2140 |
| | | | | BENZYL ISOBUTYRATE | FEMA 2141 |
| | | | | BENZYL CINNAMATE | FEMA 2142 |
| | | | | BENZYL 2,3-DIMETHYLCROTON | FEMA 2143 |
| | | | | BENZYL ETHYL ETHER | FEMA 2144 |
| | | | | BENZYL FORMATE | FEMA 2145 |
| | | | | 3-BENZYL-4-HEPTANONE | FEMA 2146 |
| | | | | BENZYL MERCAPTAN | FEMA 2147 |
| | | | | BENZYL METHOXYETHYL ACETA | FEMA 2148 |
| | | | | BENZYL PHENYLACETATE | FEMA 2149 |
| | | | | BENZYL PROPIONATE | FEMA 2150 |
| | | | | BENZYL SALICYLATE | FEMA 2151 |
| | | | | BENZYL ISOVALERATE | FEMA 2152 |
| | | | | BOIS DE ROSE, OIL | FEMA 2156 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | BORNEOL | FEMA 2157 |
| | | | | ISOBORNEOL | FEMA 2158 |
| | | | | BORNYL ACETATE | FEMA 2159 |
| | | | | ISOBORNYL ACETATE | FEMA 2160 |
| | | | | BORNYL FORMATE | FEMA 2161 |
| | | | | ISOBORNYL FORMATE | FEMA 2162 |
| | | | | ISOBORNYL PROPIONATE | FEMA 2163 |
| | | | | BORNYL ISOVALERATE | FEMA 2165 |
| | | | | ISOBORNYL ISOVALERATE | FEMA 2166 |
| | | | | 2-BUTANONE | FEMA 2170 |
| | | | | BUTTER ACIDS | FEMA 2171 |
| | | | | BUTTER ESTERS | FEMA 2172 |
| | | | | BUTTER STARTER DIST | FEMA 2173 |
| | | | | BUTYL ACETATE | FEMA 2174 |
| | | | | ISOBUTYL ACETATE | FEMA 2175 |
| | | | | BUTYL ACETOACETATE | FEMA 2176 |
| | | | | ISOBUTYL ACETOACETATE | FEMA 2177 |
| | | | | BUTYL ALCOHOL | FEMA 2178 |
| | | | | ISOBUTYL ALCOHOL | FEMA 2179 |
| | | | | ISOBUTYL ANGELATE | FEMA 2180 |
| | | | | BUTYL ANTHRANILATE | FEMA 2181 |
| | | | | ISOBUTYL ANTHRANILATE | FEMA 2182 |
| | | | | ISOBUTYL BENZOATE | FEMA 2185 |
| | | | | BUTYL BUTYRATE | FEMA 2186 |
| | | | | ISOBUTYL BUTYRATE | FEMA 2187 |
| | | | | BUTYL ISOBUTYRATE | FEMA 2188 |
| | | | | ISOBUTYL ISOBUTYRATE | FEMA 2189 |
| | | | | BUTYL BUTYRYLLACTATE | FEMA 2190 |
| | | | | A&-BUTYLCINNAMALDEHYDE | FEMA 2191 |
| | | | | BUTYL CINNAMATE | FEMA 2192 |
| | | | | ISOBUTYL CINNAMATE | FEMA 2193 |
| | | | | BUTYL 2-DECENOATE | FEMA 2194 |
| | | | | BUTYL ETHYL MALONATE | FEMA 2195 |
| | | | | BUTYL FORMATE | FEMA 2196 |
| | | | | ISOBUTYL FORMATE | FEMA 2197 |
| | | | | ISOBUTYL 2-FURANPROPIONAT | FEMA 2198 |
| | | | | BUTYL HEPTANOATE | FEMA 2199 |
| | | | | ISOBUTYL HEPTANOATE | FEMA 2200 |
| | | | | BUTYL HEXANOATE | FEMA 2201 |
| | | | | ISOBUTYL HEXANOATE | FEMA 2202 |
| | | | | BUTYL P&-HYDROXYBENZOATE | FEMA 2203 |
| | | | | BUTYL LACTATE | FEMA 2205 |
| | | | | BUTYL LAURATE | FEMA 2206 |
| | | | | BUTYL LEVULINATE | FEMA 2207 |
| | | | | A&-ISOBUTYLPHENETHYL ALCO | FEMA 2208 |
| | | | | BUTYL PHENYLACETATE | FEMA 2209 |
| | | | | ISOBUTYL PHENYLACETATE | FEMA 2210 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 25 | BEV TYPE I(R) | 11 | FLAV AGNT | BUTYL PROPIONATE | FEMA 2211 |
| | | | | ISOBUTYL PROPIONATE | FEMA 2212 |
| | | | | ISOBUTYL SALICYLATE | FEMA 2213 |
| | | | | BUTYL STEARATE | FEMA 2214 |
| | | | | DIBUTYL SULFIDE | FEMA 2215 |
| | | | | BUTYL 10-UNDECENOATE | FEMA 2216 |
| | | | | BUTYL VALERATE | FEMA 2217 |
| | | | | BUTYL ISOVALERATE | FEMA 2218 |
| | | | | BUTYRALDEHYDE | FEMA 2219 |
| | | | | ISOBUTYRALDEHYDE | FEMA 2220 |
| | | | | ISOBUTYRIC ACID | FEMA 2222 |
| | | | | CAMPHENE | FEMA 2229 |
| | | | | /E/-CAMPHOR | FEMA 2230 |
| | | | | CARVACROL | FEMA 2245 |
| | | | | CARVACRYL ETHYL ETHER | FEMA 2246 |
| | | | | CARVEOL | FEMA 2247 |
| | | | | 4-CARVOMENTHENOL | FEMA 2248 |
| | | | | CARVYL ACETATE | FEMA 2250 |
| | | | | CARVYL PROPIONATE | FEMA 2251 |
| | | | | BE-CARYOPHYLLENE | FEMA 2252 |
| | | | | CINNAMIC ACID | FEMA 2288 |
| | | | | CINNAMYL ACETATE | FEMA 2293 |
| | | | | CINNAMYL ALCOHOL | FEMA 2294 |
| | | | | CINNAMYL ANTHRANILATE | FEMA 2295 |
| | | | | CINNAMYL BUTYRATE | FEMA 2296 |
| | | | | CINNAMYL ISOBUTYRATE | FEMA 2297 |
| | | | | CINNAMYL CINNAMATE | FEMA 2298 |
| | | | | CINNAMYL FORMATE | FEMA 2299 |
| | | | | CINNAMYL PHENYLACETATE | FEMA 2300 |
| | | | | CINNAMYL PROPIONATE | FEMA 2301 |
| | | | | CINNAMYL ISOVALERATE | FEMA 2302 |
| | | | | CITRAL DIETHYL ACETAL | FEMA 2304 |
| | | | | CITRAL DIMETHYL ACETAL | FEMA 2305 |
| | | | | CITRONELLAL | FEMA 2307 |
| | | | | DL-CITRONELLOL | FEMA 2309 |
| | | | | CITRONELLOXYACETALDEHYDE | FEMA 2310 |
| | | | | CITRONELLYL ACETATE | FEMA 2311 |
| | | | | CITRONELLYL BUTYRATE | FEMA 2312 |
| | | | | CITRONELLYL ISOBUTYRATE | FEMA 2313 |
| | | | | CITRONELLYL FORMATE | FEMA 2314 |
| | | | | CITRONELLYL PHENYLACETATE | FEMA 2315 |
| | | | | CITRONELLYL PROPRIONATE | FEMA 2316 |
| | | | | CITRONELLYL VALERATE | FEMA 2317 |
| | | | | P-CRESOL | FEMA 2337 |
| | | | | CUMINALDEHYDE | FEMA 2341 |
| | | | | CYCLOHEXANEACETIC ACID | FEMA 2347 |
| | | | | CYCLOHEXANE-ETHYL ACETATE | FEMA 2348 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | CYCLOHEXYL ACETATE | FEMA 2349 |
| | | | | CYCLOHEXYL ANTHRANILATE | FEMA 2350 |
| | | | | CYCLOHEXYL BUTYRATE | FEMA 2351 |
| | | | | CYCLOHEXYL CINNAMATE | FEMA 2352 |
| | | | | CYCLOHEXYL FORMATE | FEMA 2353 |
| | | | | CYCLOHEXYL PROPIONATE | FEMA 2354 |
| | | | | CYCLOHEXYL ISOVALERATE | FEMA 2355 |
| | | | | P&-CYMENE | FEMA 2356 |
| | | | | G&-DECALACTONE | FEMA 2360 |
| | | | | D&-DECALACTONE | FEMA 2361 |
| | | | | DECANAL DIMETHYL ACETAL | FEMA 2363 |
| | | | | 1-DECANOL | FEMA 2365 |
| | | | | 2-DECENAL | FEMA 2366 |
| | | | | DECYL ACETATE | FEMA 2367 |
| | | | | DECYL BUTYRATE | FEMA 2368 |
| | | | | DECYL PROPIONATE | FEMA 2369 |
| | | | | DIBENZYL ETHER | FEMA 2371 |
| | | | | 4,4-DIBUTYL-G&-BUTYROLACT | FEMA 2372 |
| | | | | DIBUTYL SEBACATE | FEMA 2373 |
| | | | | DIETHYL MALATE | FEMA 2374 |
| | | | | DIETHYL MALONATE | FEMA 2375 |
| | | | | DIETHYL SEBACATE | FEMA 2376 |
| | | | | DIETHYL SUCCINATE | FEMA 2377 |
| | | | | DIHYDROCARVEOL | FEMA 2379 |
| | | | | DIHYDROCARVYL ACETATE | FEMA 2380 |
| | | | | M&-DIMETHOXYBENZENE | FEMA 2385 |
| | | | | P&-DIMETHOXYBENZENE | FEMA 2386 |
| | | | | 2,4-DIMETHYLACETOPHENONE | FEMA 2387 |
| | | | | A&-DIMETHYLBENZYL ISOBUTY | FEMA 2388 |
| | | | | 2,6-DIMETHYL-5-HEPTENAL | FEMA 2389 |
| | | | | 2,6-DIMETHYLOCTANAL | FEMA 2390 |
| | | | | A&-DIMETHYLPHENETHYL ACET | FEMA 2392 |
| | | | | A&-DIMETHYLPHENETHYL ALCO | FEMA 2393 |
| | | | | A&-DIMETHYLPHENETHYL BUTY | FEMA 2394 |
| | | | | A&-DIMETHYLPHENETHYL FORM | FEMA 2395 |
| | | | | DIMETHYL SUCCINATE | FEMA 2396 |
| | | | | 1,3-DIPHENYL PROPANONE-2 | FEMA 2397 |
| | | | | G&-DODECALACTONE | FEMA 2400 |
| | | | | D&-DODECALACTONE | FEMA 2401 |
| | | | | 2-DODECENAL | FEMA 2402 |
| | | | | ESTRAGOLE | FEMA 2411 |
| | | | | P&-ETHOXYBENZALDEHYDE | FEMA 2413 |
| | | | | ETHYL ACETOACETATE | FEMA 2415 |
| | | | | ETHYL 2-ACETYL-3-PHENYLPR | FEMA 2416 |
| | | | | ETHYL ACONITATE | FEMA 2417 |
| | | | | ETHYL ACRYLATE | FEMA 2418 |
| | | | | ETHYL P&-ANISATE | FEMA 2420 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | ETHYL ANTHRANILATE | FEMA 2421 |
| | | | | ETHYL BENZOATE | FEMA 2422 |
| | | | | ETHYL BENZOYLACETATE | FEMA 2423 |
| | | | | A6-ETHYLBENZYL BUTYRATE | FEMA 2424 |
| | | | | 2-ETHYLBUTYL ACETATE | FEMA 2425 |
| | | | | 2-ETHYLBUTYRALDEHYDE | FEMA 2426 |
| | | | | ETHYL ISOBUTYRATE | FEMA 2428 |
| | | | | 2-ETHYLBUTYRIC ACID | FEMA 2429 |
| | | | | ETHYL CINNAMATE | FEMA 2430 |
| | | | | ETHYL CYCLOHEXANEPROPIONA | FEMA 2431 |
| | | | | ETHYL DECANOATE | FEMA 2432 |
| | | | | ETHYL 2-FURANPROPIONATE | FEMA 2435 |
| | | | | 4-ETHYLGUAIACOL | FEMA 2436 |
| | | | | ETHYL HEPTANOATE | FEMA 2437 |
| | | | | 2-ETHYL-2-HEPTENAL | FEMA 2438 |
| | | | | ETHYL HEXANOATE | FEMA 2439 |
| | | | | ETHYL LACTATE | FEMA 2440 |
| | | | | ETHYL LAURATE | FEMA 2441 |
| | | | | ETHYL LEVULINATE | FEMA 2442 |
| | | | | ETHYL 2-METHYLBUTYRATE | FEMA 2443 |
| | | | | ETHYL MYRISTATE | FEMA 2445 |
| | | | | ETHYL NITRITE | FEMA 2446 |
| | | | | ETHYL NONANOATE | FEMA 2447 |
| | | | | ETHYL 2-NONYNOATE | FEMA 2448 |
| | | | | ETHYL OCTANOATE | FEMA 2449 |
| | | | | ETHYL OLEATE | FEMA 2450 |
| | | | | ETHYL PHENYLACETATE | FEMA 2452 |
| | | | | ETHYL 4-PHENYLBUTYRATE | FEMA 2453 |
| | | | | ETHYL 3-PHENYLGLYCIDATE | FEMA 2454 |
| | | | | ETHYL 3-PHENYLPROPIONATE | FEMA 2455 |
| | | | | ETHYL PROPIONATE | FEMA 2456 |
| | | | | ETHYL PYRUVATE | FEMA 2457 |
| | | | | ETHYL SALICYLATE | FEMA 2458 |
| | | | | ETHYL TIGLATE | FEMA 2460 |
| | | | | ETHYL 10-UNDECENOATE | FEMA 2461 |
| | | | | ETHYL VALERATE | FEMA 2462 |
| | | | | ETHYL ISOVALERATE | FEMA 2463 |
| | | | | EUCALYPTOL | FEMA 2465 |
| | | | | ISOEUGENOL | FEMA 2468 |
| | | | | EUGENYL ACETATE | FEMA 2469 |
| | | | | ISOEUGENYL ACETATE | FEMA 2470 |
| | | | | EUGENYL BENZOATE | FEMA 2471 |
| | | | | ISOEUGENYL ETHYL ETHER | FEMA 2472 |
| | | | | EUGENYL FORMATE | FEMA 2473 |
| | | | | ISOEUGENYL FORMATE | FEMA 2474 |
| | | | | EUGENYL METHYL ETHER | FEMA 2475 |
| | | | | ISOEUGENYL METHYL ETHER | FEMA 2476 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 23 | BEV TYPE I(K) | 11 | FLAV AGNT | ISOEUGENYL PHENYLACETATE | FEMA 2477 |
| | | | | FARNESOL | FEMA 2478 |
| | | | | /E/-FENCHONE | FEMA 2479 |
| | | | | FENCHYL ALCOHOL | FEMA 2480 |
| | | | | FORMIC ACID | FEMA 2487 |
| | | | | /2-FURYL/-2-PROPANONE | FEMA 2496 |
| | | | | ISOAMYL FUSEL OIL | FEMA 2497 |
| | | | | GERANYL ACETOACETATE | FEMA 2510 |
| | | | | GERANYL BENZOATE | FEMA 2511 |
| | | | | GERANYL BUTYRATE | FEMA 2512 |
| | | | | GERANYL ISOBUTYRATE | FEMA 2513 |
| | | | | GERANYL FORMATE | FEMA 2514 |
| | | | | GERANYL HEXANOATE | FEMA 2515 |
| | | | | GERANYL PHENYLACETATE | FEMA 2516 |
| | | | | GERANYL PROPIONATE | FEMA 2517 |
| | | | | GERANYL ISOVALERATE | FEMA 2518 |
| | | | | GUAIACOL | FEMA 2532 |
| | | | | GUAIACYL PHENYLACETATE | FEMA 2535 |
| | | | | GE-HEPTALACTONE | FEMA 2539 |
| | | | | HEPTANAL | FEMA 2540 |
| | | | | HEPTANAL DIMETHYL ACETAL | FEMA 2541 |
| | | | | HEPTANAL GLYCERYL ACETAL | FEMA 2542 |
| | | | | 2,3-HEPTANEDIONE | FEMA 2543 |
| | | | | 2-HEPTANONE | FEMA 2544 |
| | | | | 3-HEPTANONE | FEMA 2545 |
| | | | | 4-HEPTANONE | FEMA 2546 |
| | | | | HEPTYL ACETATE | FEMA 2547 |
| | | | | HEPTYL ALCOHOL | FEMA 2548 |
| | | | | HEPTYL BUTYRATE | FEMA 2549 |
| | | | | HEPTYL ISOBUTYRATE | FEMA 2550 |
| | | | | HEPTYL CINNAMATE | FEMA 2551 |
| | | | | HEPTYL FORMATE | FEMA 2552 |
| | | | | HEPTYL OCTANOATE | FEMA 2553 |
| | | | | WE-6-HEXADECENLACTONE | FEMA 2555 |
| | | | | GE-HEXALACTONE | FEMA 2556 |
| | | | | HEXANAL | FEMA 2557 |
| | | | | 2,3-HEXANEDIONE | FEMA 2558 |
| | | | | HEXANOIC ACID | FEMA 2559 |
| | | | | 2-HEXENAL | FEMA 2560 |
| | | | | 2-HEXENOL-1 | FEMA 2562 |
| | | | | 3-HEXENOL-1 | FEMA 2563 |
| | | | | 2-HEXENYL ACETATE | FEMA 2564 |
| | | | | HEXYL ACETATE | FEMA 2565 |
| | | | | HEXYL ALCOHOL | FEMA 2567 |
| | | | | HEXYL BUTYRATE | FEMA 2568 |
| | | | | AE-HEXYLCINNAMALDEHYDE | FEMA 2569 |
| | | | | HEXYL FORMATE | FEMA 2570 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | HEXYL HEXANOATE | FEMA 2572 |
| | | | | 2-HEXYLIDENECYCLOPENTANON | FEMA 2573 |
| | | | | HEXYL OCTANOATE | FEMA 2575 |
| | | | | HEXYL PROPIONATE | FEMA 2576 |
| | | | | HYDROXYCITRONELLAL | FEMA 2583 |
| | | | | HYDROXYCITRONELLAL DIETHY | FEMA 2584 |
| | | | | HYDROXYCITRONELLAL DIMETH | FEMA 2585 |
| | | | | HYDROXYCITRONELLOL | FEMA 2586 |
| | | | | 5-HYDROXY-4-OCTANONE | FEMA 2587 |
| | | | | 4-P-HYDROXYPHEN-BUTANONE | FEMA 2588 |
| | | | | INDOLE | FEMA 2593 |
| | | | | AE-IONONE | FEMA 2594 |
| | | | | BE-IONONE | FEMA 2595 |
| | | | | AE-IRONE | FEMA 2597 |
| | | | | LAURIC ALDEHYDE | FEMA 2615 |
| | | | | LAURYL ACETATE | FEMA 2616 |
| | | | | LAURYL ALCOHOL | FEMA 2617 |
| | | | | LEVULINIC ACID | FEMA 2627 |
| | | | | LINALYL ANTHRANILATE | FEMA 2637 |
| | | | | LINALYL BENZOATE | FEMA 2638 |
| | | | | LINALYL BUTYRATE | FEMA 2639 |
| | | | | LINALYL ISOBUTYRATE | FEMA 2640 |
| | | | | LINALYL CINNAMATE | FEMA 2641 |
| | | | | LINALYL FORMATE | FEMA 2642 |
| | | | | LINALYL HEXANOATE | FEMA 2643 |
| | | | | LINALYL OCTANOATE | FEMA 2644 |
| | | | | LINALYL PROPIONATE | FEMA 2645 |
| | | | | LINALYL ISOVALERATE | FEMA 2646 |
| | | | | MALTOL | FEMA 2656 |
| | | | | PA-MENTHA-1,8-DIENOL-7 | FEMA 2664 |
| | | | | /E/-NEOMENTHOL | FEMA 2666 |
| | | | | MENTHONE | FEMA 2667 |
| | | | | MENTHYL ISOVALERATE | FEMA 2669 |
| | | | | PA-METHOXYBENZALDEHYDE | FEMA 2670 |
| | | | | 2-METHOXY-4-METHYLPHENOL | FEMA 2671 |
| | | | | 4-P-METHOXYPHENY-BUTANONE | FEMA 2672 |
| | | | | 1-P-METHOXYPHEN-1-PENTENO | FEMA 2673 |
| | | | | 1-P-METHOXYPHEN-PROPANONE | FEMA 2674 |
| | | | | 2-METHOXY-4-VINYLPHENOL | FEMA 2675 |
| | | | | METHYL ACETATE | FEMA 2676 |
| | | | | PA-METHYL ACETOPHENONE | FEMA 2677 |
| | | | | 2-METHYLALLYL BUTYRATE | FEMA 2678 |
| | | | | METHYL ANISATE | FEMA 2679 |
| | | | | OA-METHYLANISOLE | FEMA 2680 |
| | | | | PA-METHYLANISOLE | FEMA 2681 |
| | | | | METHYL BENZOATE | FEMA 2683 |
| | | | | AE-METHYLBENZYL ACETATE | FEMA 2684 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | A&-METHYLBENZYL ALCOHOL | FEMA 2685 |
| | | | | A&-METHYLBENZYL BUTYRATE | FEMA 2686 |
| | | | | A&-METHYLBENZYL ISOBUTYRA | FEMA 2687 |
| | | | | A&-METHYLBENZYL FORMATE | FEMA 2688 |
| | | | | A&-METHYLBENZYL PROPIONAT | FEMA 2689 |
| | | | | METHYL P&-TERT-BUTYLPHENY | FEMA 2690 |
| | | | | 2-METHYLBUTYRALDEHYDE | FEMA 2691 |
| | | | | 3-METHYLBUTYRALDEHYDE | FEMA 2692 |
| | | | | METHYL BUTYRATE | FEMA 2693 |
| | | | | METHYL ISOBUTYRATE | FEMA 2694 |
| | | | | 2-METHYLBUTYRIC ACID | FEMA 2695 |
| | | | | A&-METHYLCINNAMALDEHYDE | FEMA 2697 |
| | | | | METHYL CINNAMATE | FEMA 2698 |
| | | | | METHYLCYCLOPENTENOLONE | FEMA 2700 |
| | | | | METHYL HEPTANOATE | FEMA 2705 |
| | | | | 2-METHYLHEPTANOIC ACID | FEMA 2706 |
| | | | | 6-METHYL-5-HEPTENONE-2 | FEMA 2707 |
| | | | | METHYL HEXANOATE | FEMA 2708 |
| | | | | METHYL 2-HEXENOATE | FEMA 2709 |
| | | | | METHYL-A&-IONONE | FEMA 2711 |
| | | | | METHYL-B&-IONONE | FEMA 2712 |
| | | | | METHYL-D&-IONONE | FEMA 2713 |
| | | | | ISOMETHYLIONONE, A&- | FEMA 2714 |
| | | | | METHYL LAURATE | FEMA 2715 |
| | | | | METHYL MERCAPTAN | FEMA 2716 |
| | | | | METHYL O@-METHOXYBENZOATE | FEMA 2717 |
| | | | | METHYL N-METHYLANTHRANILA | FEMA 2718 |
| | | | | METHYL 2-METHYLBUTYRATE | FEMA 2719 |
| | | | | METHYL 3-METHYLTHIOPROPIO | FEMA 2720 |
| | | | | METHYL 4-METHYLVALERATE | FEMA 2721 |
| | | | | METHYL MYRISTATE | FEMA 2722 |
| | | | | METHYL B&-NAPHTHYL KETONE | FEMA 2723 |
| | | | | METHYL NONANOATE | FEMA 2724 |
| | | | | METHYL 2-NONENOATE | FEMA 2725 |
| | | | | METHYL 2-NONYNOATE | FEMA 2726 |
| | | | | 2-METHYLOCTANAL | FEMA 2727 |
| | | | | METHYL OCTANOATE | FEMA 2728 |
| | | | | METHYL 2-OCTYNOATE | FEMA 2729 |
| | | | | 4-METHYL-2,3-PENTANEDIONE | FEMA 2730 |
| | | | | 4-METHYL-2-PENTANONE | FEMA 2731 |
| | | | | B&-METHYLPHENETHYL ALCOHO | FEMA 2732 |
| | | | | METHYL PHENYLACETATE | FEMA 2733 |
| | | | | 3-METHYL-4-PHENYL-3-BUTEN | FEMA 2734 |
| | | | | 2-METHYL-4-PHENYL-2-BUTYL | FEMA 2735 |
| | | | | 2-METHYL-4-PHENYL-2-BUTYL | FEMA 2736 |
| | | | | 3-METHYL-2-PHENYLBUTYRALD | FEMA 2738 |
| | | | | METHYL 4-PHENYLBUTYRATE | FEMA 2739 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | 4-METHYL-1-PHENYLPENTANON | FEMA 2740 |
| | | | | METHYL 3-PHENYLPROPIONATE | FEMA 2741 |
| | | | | METHYL PROPIONATE | FEMA 2742 |
| | | | | VIOLET ALPINE | FEMA 2743 |
| | | | | 6-METHYLQUINOLINE | FEMA 2744 |
| | | | | DIMETHYL SULFIDE | FEMA 2746 |
| | | | | 2-METHYLTHIOPROPIONALDEHY | FEMA 2747 |
| | | | | 2-METHYL-3-TOLYL PROPIONA | FEMA 2748 |
| | | | | 2-METHYLUNDECANAL | FEMA 2749 |
| | | | | METHYL 9-UNDECENOATE | FEMA 2750 |
| | | | | METHYL 2-UNDECYNOATE | FEMA 2751 |
| | | | | METHYL VALERATE | FEMA 2752 |
| | | | | METHYL ISOVALERATE | FEMA 2753 |
| | | | | 2-METHYLVALERIC ACID | FEMA 2754 |
| | | | | MYRCENE | FEMA 2762 |
| | | | | MYRISTALDEHYDE | FEMA 2763 |
| | | | | NEROL | FEMA 2770 |
| | | | | NEROLIDOL | FEMA 2772 |
| | | | | NERYL ACETATE | FEMA 2773 |
| | | | | NERYL BUTYRATE | FEMA 2774 |
| | | | | NERYL ISOBUTYRATE | FEMA 2775 |
| | | | | NERYL FORMATE | FEMA 2776 |
| | | | | NERYL PROPIONATE | FEMA 2777 |
| | | | | NERYL ISOVALERATE | FEMA 2778 |
| | | | | 2,6-NONADIENOL-1 | FEMA 2780 |
| | | | | G&-NONALACTONE | FEMA 2781 |
| | | | | NONANAL | FEMA 2782 |
| | | | | 1,3-NONANEDIOL ACETATE | FEMA 2783 |
| | | | | NONANOIC ACID | FEMA 2784 |
| | | | | 2-NONANONE | FEMA 2785 |
| | | | | NONYL ACETATE | FEMA 2788 |
| | | | | NONYL ALCOHOL | FEMA 2789 |
| | | | | NONYL OCTANOATE | FEMA 2790 |
| | | | | NONYL ISOVALERATE | FEMA 2791 |
| | | | | G&-OCTALACTONE | FEMA 2796 |
| | | | | OCTANAL | FEMA 2797 |
| | | | | OCTANAL DIMETHYL ACETAL | FEMA 2798 |
| | | | | 1-OCTANOL | FEMA 2800 |
| | | | | 2-OCTANOL | FEMA 2801 |
| | | | | 2-OCTANONE | FEMA 2802 |
| | | | | 3-OCTANONE | FEMA 2803 |
| | | | | 3-OCTANONOL-1 | FEMA 2804 |
| | | | | 1-OCTENOL-3 | FEMA 2805 |
| | | | | OCTYL ACETATE | FEMA 2806 |
| | | | | OCTYL BUTYRATE | FEMA 2807 |
| | | | | OCTYL ISOBUTYRATE | FEMA 2808 |
| | | | | OCTYL FORMATE | FEMA 2809 |

TABLE 10 -- SUBSTANCES (GROUP 1-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | OCTYL HEPTANOATE | FEMA 2810 |
| | | | | OCTYL OCTANOATE | FEMA 2811 |
| | | | | OCTYL PHENYLACETATE | FEMA 2812 |
| | | | | OCTYL PROPIONATE | FEMA 2813 |
| | | | | OCTYL ISOVALERATE | FEMA 2814 |
| | | | | W&-PENTADECALACTONE | FEMA 2840 |
| | | | | 2,3-PENTANEDIONE | FEMA 2841 |
| | | | | 2-PENTANONE | FEMA 2842 |
| | | | | 4-PENTENOIC ACID | FEMA 2843 |
| | | | | A&-PHELLANDRENE | FEMA 2856 |
| | | | | PHENETHYL ACETATE | FEMA 2857 |
| | | | | PHENETHYL ALCOHOL | FEMA 2858 |
| | | | | PHENETHYL ANTHRANILATE | FEMA 2859 |
| | | | | PHENETHYL BENZOATE | FEMA 2860 |
| | | | | PHENETHYL BUTYRATE | FEMA 2861 |
| | | | | PHENETHYL ISOBUTYRATE | FEMA 2862 |
| | | | | PHENETHYL CINNAMATE | FEMA 2863 |
| | | | | PHENETHYL FORMATE | FEMA 2864 |
| | | | | PHENETHYL PHENYLACETATE | FEMA 2866 |
| | | | | PHENETHYL PROPIONATE | FEMA 2867 |
| | | | | PHENETHYL SALICYLATE | FEMA 2868 |
| | | | | PHENETHYL TIGLATE | FEMA 2870 |
| | | | | PHENETHYL ISOVALERATE | FEMA 2871 |
| | | | | PHENOXYACETIC ACID | FEMA 2872 |
| | | | | 2-PHENOXYETHYL ISOBUTYRAT | FEMA 2873 |
| | | | | PHENYLACETALDEHYDE | FEMA 2874 |
| | | | | PHENYLACETALDEHYDE 2,3-BU | FEMA 2875 |
| | | | | PHENYLACETALDEHYDE DIMETH | FEMA 2876 |
| | | | | PH-ACETALD. GLYCERYL ACET | FEMA 2877 |
| | | | | PHENYLACETIC ACID | FEMA 2878 |
| | | | | 4-PHENYLBUTANOL-2 | FEMA 2879 |
| | | | | 4-PHENYL-3-BUTENOL-2 | FEMA 2880 |
| | | | | 4-PHENYL-3-BUTENONE-2 | FEMA 2881 |
| | | | | 4-PHENYLBUTYL-2 ACETATE | FEMA 2882 |
| | | | | 1-PHENYL-3-METHYLPENTANOL | FEMA 2883 |
| | | | | 1-PHENYLPROPANOL-1 | FEMA 2884 |
| | | | | 3-PHENYLPROPANOL-1 | FEMA 2885 |
| | | | | 2-PHENYLPROPIONALDEHYDE | FEMA 2886 |
| | | | | 3-PHENYLPROPIONALDEHYDE | FEMA 2887 |
| | | | | 2-PHENYLPROPIONALD DIMET | FEMA 2888 |
| | | | | 3-PHENYLPROPIONIC ACID | FEMA 2889 |
| | | | | 3-PHENYLPROPYL ACETATE | FEMA 2890 |
| | | | | 2-PHENYLPROPYL BUTYRATE | FEMA 2891 |
| | | | | 2-PHENYLPROPYL ISOBUTYRAT | FEMA 2892 |
| | | | | 3-PHENYLPROPYL ISOBUTYRAT | FEMA 2893 |
| | | | | 3-PHENYLPROPYL CINNAMATE | FEMA 2894 |
| | | | | 3-PHENYLPROPYL FORMATE | FEMA 2895 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 23 | BEV TYPE II(R) | 11 | FLAV AGNT | 3-PHENYLPROPYL HEXANOATE | | FEMA 2896 |
| | | | | 3-PHENYLPROPYL PROPIONATE | | FEMA 2897 |
| | | | | 2-/3-PHENYLPROPYL/-TETRAH | | FEMA 2898 |
| | | | | 3-PHENYLPROPYL ISOVALERAT | | FEMA 2899 |
| | | | | A&-PINENE | | FEMA 2902 |
| | | | | NOPINENE | | FEMA 2903 |
| | | | | PINE TAR, OIL | | FEMA 2907 |
| | | | | PIPERIDINE | | FEMA 2908 |
| | | | | PIPERINE | | FEMA 2909 |
| | | | | /&/-PIPERITONE | | FEMA 2910 |
| | | | | PIPERONYL ACETATE | | FEMA 2912 |
| | | | | PIPERONYL ISOBUTYRATE | | FEMA 2913 |
| | | | | POLYSORBATE 20 | | FEMA 2915 |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | PROPENYLGUAETHOL | | FEMA 2922 |
| | | | | PROPIONALDEHYDE | | FEMA 2923 |
| | | | | PROPYL ACETATE | | FEMA 2925 |
| | | | | ISOPROPYL ACETATE | | FEMA 2926 |
| | | | | P&-ISOPROPYLACETOPHENONE | | FEMA 2927 |
| | | | | PROPYL ALCOHOL | | FEMA 2928 |
| | | | | ISOPROPYL ALCOHOL | | FEMA 2929 |
| | | | | P&-PROPYL ANISOLE | | FEMA 2930 |
| | | | | P&-ISOPROPYLBENZYL ALCOHO | | FEMA 2933 |
| | | | | PROPYL BUTYRATE | | FEMA 2934 |
| | | | | ISOPROPYL BUTYRATE | | FEMA 2935 |
| | | | | PROPYL ISOBUTYRATE | | FEMA 2936 |
| | | | | ISOPROPYL ISOBUTYRATE | | FEMA 2937 |
| | | | | PROPYL CINNAMATE | | FEMA 2938 |
| | | | | ISOPROPYL CINNAMATE | | FEMA 2939 |
| | | | | PROPYL FORMATE | | FEMA 2943 |
| | | | | ISOPROPYL FORMATE | | FEMA 2944 |
| | | | | PROPYL HEPTANOATE | | FEMA 2948 |
| | | | | PROPYL HEXANOATE | | FEMA 2949 |
| | | | | ISOPROPYL HEXANOATE | | FEMA 2950 |
| | | | | 3-PROPYLIDENEPHTHALIDE | | FEMA 2952 |
| | | | | A&-PROPYLPHENETHYL ALCOHO | | FEMA 2953 |
| | | | | P&-ISOPROPYLPHENYLACETALD | | FEMA 2954 |
| | | | | PROPYL PHENYLACETATE | | FEMA 2955 |
| | | | | ISOPROPYL PHENYLACETATE | | FEMA 2956 |
| | | | | 3 P-ISOPROPYL-PHENYLPROPI | | FEMA 2957 |
| | | | | PROPYL PROPIONATE | | FEMA 2958 |
| | | | | ISOPROPYL PROPIONATE | | FEMA 2959 |
| | | | | PROPYL ISOVALERATE | | FEMA 2960 |
| | | | | ISOPROPYL ISOVALERATE | | FEMA 2961 |
| | | | | ISOPULEGOL | | FEMA 2962 |
| | | | | PULEGONE | | FEMA 2963 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | ISOPULEGONE | | FEMA 2964 |
| | | | | ISOPULEGYL ACETATE | | FEMA 2965 |
| | | | | PYRIDINE | | FEMA 2966 |
| | | | | PYROLIGNEOUS ACID, EXT | | FEMA 2968 |
| | | | | PYRUVALDEHYDE | | FEMA 2969 |
| | | | | PYRUVIC ACID | | FEMA 2970 |
| | | | | ISOQUINOLINE | | FEMA 2978 |
| | | | | RHODINOL | | FEMA 2980 |
| | | | | RHODINYL ACETATE | | FEMA 2981 |
| | | | | RHODINYL BUTYRATE | | FEMA 2982 |
| | | | | RHODINYL ISOBUTYRATE | | FEMA 2983 |
| | | | | RHODINYL FORMATE | | FEMA 2984 |
| | | | | RHODINYL PHENYLACETATE | | FEMA 2985 |
| | | | | RHODINYL PROPIONATE | | FEMA 2986 |
| | | | | RHODINYL ISOVALERATE | | FEMA 2987 |
| | | | | ETHYL OXYHYDRATE | NAS 0379 | FEMA 2996 |
| | | | | SALICYLALDEHYDE | | FEMA 3004 |
| | | | | SANTALOL | | FEMA 3006 |
| | | | | SANTALYL ACETATE | | FEMA 3007 |
| | | | | SANTALYL PHENYL-ACE | | FEMA 3008 |
| | | | | SKATOLE | | FEMA 3019 |
| | | | | SUCROSE OCTAACETATE | | FEMA 3038 |
| | | | | AE-TERPINEOL | | FEMA 3045 |
| | | | | TERPINOLENE | | FEMA 3046 |
| | | | | TERPINYL ACETATE | | FEMA 3047 |
| | | | | TERPINYL ANTHRANILATE | | FEMA 3048 |
| | | | | TERPINYL BUTYRATE | | FEMA 3049 |
| | | | | TERPINYL ISOBUTYRATE | | FEMA 3050 |
| | | | | TERPINYL CINNAMATE | | FEMA 3051 |
| | | | | TERPINYL FORMATE | | FEMA 3052 |
| | | | | TERPINYL PROPIONATE | | FEMA 3053 |
| | | | | TERPINYL ISOVALERATE | | FEMA 3054 |
| | | | | TETRAHYDROFURFURYL ACETAT | | FEMA 3055 |
| | | | | TETRAHYDROFURFURYL ALCOHO | | FEMA 3056 |
| | | | | TETRAHYDROFURFURYL BUTYRA | | FEMA 3057 |
| | | | | TETRAHYDROFURFURYL PROPIO | | FEMA 3058 |
| | | | | TETRAHYDROPSEUDOIONONE | | FEMA 3059 |
| | | | | TETRAHYDROLINALOOL | | FEMA 3060 |
| | | | | TETRAMETHYL-ET-CYCLOHEXEN | | FEMA 3061 |
| | | | | 2-THIENYL MERCAPTAN | | FEMA 3062 |
| | | | | THYMOL | | FEMA 3066 |
| | | | | TOLUALD. GLYCERYL ACETAL | | FEMA 3067 |
| | | | | TOLUALDEHYDES | | FEMA 3068 |
| | | | | PA-TOLYLACETALDEHYDE | | FEMA 3071 |
| | | | | OA-TOLYL ACETATE | | FEMA 3072 |
| | | | | PA-TOLYL ACETATE | | FEMA 3073 |
| | | | | 4-PA-TOLYL BUTANONE-2 | | FEMA 3074 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 23 | BEV TYPE I(P) | 11 | FLAV AGNT | PA-TOLYL ISOBUTYRATE | FEMA 3075 |
| | | | | PA-TOLYL LAURATE | FEMA 3076 |
| | | | | PA-TOLYL PHENYLACETATE | FEMA 3077 |
| | | | | 2-PA-TOLYL PROPIONALDEHYD | FEMA 3078 |
| | | | | TRIBUTYL ACETYLCITRATE | FEMA 3080 |
| | | | | 2-TRIDECENAL | FEMA 3082 |
| | | | | GE-UNDECALACTONE | FEMA 3091 |
| | | | | UNDECANAL | FEMA 3092 |
| | | | | 2-UNDECANONE | FEMA 3093 |
| | | | | 9-UNDECENAL | FEMA 3094 |
| | | | | 10-UNDECENAL | FEMA 3095 |
| | | | | 10-UNDECEN-1-YL ACETATE | FEMA 3096 |
| | | | | UNDECYL ALCOHOL | FEMA 3097 |
| | | | | VALERALDEHYDE | FEMA 3098 |
| | | | | VALERIC ACID | FEMA 3101 |
| | | | | ISOVALERIC ACID | FEMA 3102 |
| | | | | VANILLIN ACETATE | FEMA 3108 |
| | | | | VERATRALDEHYDE | FEMA 3109 |
| | | | | ZINGERONE | FEMA 3124 |
| | | | | H6-6-IPHOPENL-4,4A-ME2-NA | FEMA 3166 |
| | | | | OE-METHOXYCINNAMALDEHYDE | FEMA 3181 |
| | | | | PROPYL DISULFIDE | FEMA 3228 |
| | | | | STYRENE | FEMA 3233 |
| | | | | ISO-AMYL ACETOACETATE | FEMA 3252 |
| | | | | ISO-AMYL ISO-BUTYRATE | FEMA 3253 |
| | | | | ANISYL PHENYLACETATE | FEMA 3255 |
| | | | | BEECHWOOD CREOSOTE | FEMA 3259 |
| | | | | THIOPHENOL | FEMA 3260 |
| | | | | BENZYL DISULFIDE | FEMA 3261 |
| | | | | CADINENE | FEMA 3263 |
| | | | | CARYOPHYLL ALC ACETATE | FEMA 3266 |
| | | | | BE-CARYOPHYLLENE ALCOHOL | FEMA 3267 |
| | | | | CARYOPHYLLENE ALCOHOL | FEMA 3268 |
| | | | | B-CARYOPHYLL ALC AC | FEMA 3269 |
| | | | | CEDARWOOD OILS, ALC/TERP | FEMA 3270 |
| | | | | CEDRYL ACETATE | FEMA 3271 |
| | | | | 1,4-CINEOLE | FEMA 3275 |
| | | | | CINNAMYL BENZOATE | FEMA 3276 |
| | | | | CITRAL PROP GLY ACETAL | FEMA 3277 |
| | | | | 3-DECEN-2-ONE | FEMA 3289 |
| | | | | 2,5-DIETHYLTETRAHYDFURAN | FEMA 3290 |
| | | | | ETHYL CROTONATE | FEMA 3295 |
| | | | | ETGLY BRASSYLATE,EST | FEMA 3296 |
| | | | | 2-ETHYL FURAN | FEMA 3297 |
| | | | | ETHYL MALTOL | FEMA 3298 |
| | | | | ETHYL OCTADECANOATE | FEMA 3299 |
| | | | | ETHYL UNDECANOATE | FEMA 3300 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | ISO-EUGENYL BENZYLETHER | | FEMA 3301 |
| | | | | 1-FURYL-2-PROPANONE | | FEMA 3303 |
| | | | | GUAIACYL ACETATE | | FEMA 3311 |
| | | | | GUAIENE | | FEMA 3312 |
| | | | | GUAIOL ACETATE | | FEMA 3313 |
| | | | | HEPTANAL-1,2-GLYACETAL | | FEMA 3314 |
| | | | | 3-HEPTANOL | | FEMA 3315 |
| | | | | 3-HEXENL-2-MEBUTYRATE | | FEMA 3316 |
| | | | | 3-HEXYNEL ISO-VALERATE | | FEMA 3317 |
| | | | | HEXYL, ISO-VALERATE | | FEMA 3318 |
| | | | | HEXYL-2-METHYLBUTYRATE | | FEMA 3319 |
| | | | | ISO-JASMONE | | FEMA 3325 |
| | | | | LINALOOL OXIDE | | FEMA 3328 |
| | | | | P-MENTH-8-EN-2-ONE | | FEMA 3337 |
| | | | | PERILLALDEHYDE | | FEMA 3340 |
| | | | | ALPHA-TEPINENE | | FEMA 3341 |
| | | | | GAMMA-TERPINENE | | FEMA 3342 |
| | | | | P-MENTH-3-ENE-1-OL | | FEMA 3343 |
| | | | | METHOXYBENZALDEHYDE | | FEMA 3345 |
| | | | | 2-MEBUTYL ISOVALERATE | | FEMA 3347 |
| | | | | P-METHYLCINNAMALDEHYDE | | FEMA 3348 |
| | | | | METHYL DISULFIDE | | FEMA 3350 |
| | | | | 4-ME-5-PRO-2-CYCMEXENONE | | FEMA 3354 |
| | | | | OCIMENE | | FEMA 3359 |
| | | | | 3-OCTANOL | | FEMA 3360 |
| | | | | 1-OCTEN-3-YL ACETATE | | FEMA 3362 |
| | | | | 3-OCTYL ACETATE | | FEMA 3363 |
| | | | | 1-PENTEN-3-OL | | FEMA 3369 |
| | | | | PERILLYL ACETATE | | FEMA 3370 |
| | | | | PHENYLALANINE | | FEMA 3371 |
| | | | | PROPYL THIOL | | FEMA 3380 |
| | | | | B-TERPINEOL | | FEMA 3399 |
| | | | | 2-P-CARVOMENTHENOL | | FEMA 3423 |
| | | | | ALLYL 2-FUROATE | | FEMA 2030 |
| | | | | ALLYL HEPTANOATE | | FEMA 2031 |
| | | | | AMYL 2-FUROATE | | FEMA 2072 |
| | | | | ANNATTO, EXTRACT | | FEMA 2103 |
| | | | | APRICOT KERNEL, OIL | | FEMA 2105 |
| | | | | BIRCH, SWEET, OIL | | FEMA 2154 |
| | | | | BORNYL VALERATE | | FEMA 2164 |
| | | | | BROMINATED VEG OILS | | FEMA 2168 |
| | | | | CASSIA BUDS | | FEMA 2259 |
| | | | | CITRUS PEELS, EXTRACT | | FEMA 2318 |
| | | | | DECANOIC ACID | | FEMA 2364 |
| | | | | DIHYDROCOUMARIN | | FEMA 2381 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| | | | | FUMARIC ACID | NAS 0382 | FEMA 2488 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | FURFURAL | | FEMA 2489 |
| | | | | FURFURYL ACETATE | | FEMA 2490 |
| | | | | FURFURYL ALCOHOL | | FEMA 2491 |
| | | | | 2-FURFURYLIDENEBUTYRALDEH | | FEMA 2492 |
| | | | | FURFURYL MERCAPTAN | | FEMA 2493 |
| | | | | FURYL ACROLEIN | | FEMA 2494 |
| | | | | 4-/2-FURYL/-3-BUTENONE-2 | | FEMA 2495 |
| | | | | CIS-3-HEXENAL | | FEMA 2561 |
| | | | | HEXYL 2-FUROATE | | FEMA 2571 |
| | | | | 2-HEXYL-5-KETO-1,4-DIOXAN | | FEMA 2574 |
| | | | | LAURIC ACID | | FEMA 2614 |
| | | | | 6-METHYLCOUMARIN | | FEMA 2699 |
| | | | | PIPERONYL-ACETONE | | FEMA 2701 |
| | | | | 5-METHYLFURFURAL | | FEMA 2702 |
| | | | | METHYL 2-FUROATE | | FEMA 2703 |
| | | | | 2-METHYL-3-FURYLACROLEIN | | FEMA 2704 |
| | | | | 2-METHYL-4-PHENYLBUTYRALD | | FEMA 2737 |
| | | | | METHYL SALICYLATE | | FEMA 2745 |
| | | | | MUSK AMBRETTE | | FEMA 2758 |
| | | | | MYRISTIC ACID | | FEMA 2764 |
| | | | | BE-NAPHTHYL ANTHRANILATE | | FEMA 2767 |
| | | | | BE-NAPHTHYL ETHYL ETHER | | FEMA 2768 |
| | | | | NARINGIN | NAS 0465 | FEMA 2769 |
| | | | | 3-NONANONOL-1 | | FEMA 2786 |
| | | | | OLEIC ACID | | FEMA 2815 |
| | | | | PINE NEEDLE, OIL | | FEMA 2905 |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | PROPYL FUROATE-2 | | FEMA 2946 |
| | | | | PYROLIGNEOUS ACID | | FEMA 2967 |
| | | | | QUININE BISULFATE | | FEMA 2975 |
| | | | | QUININE HYDROCHLORIDE | | FEMA 2976 |
| | | | | QUININE SULFATE | | FEMA 2977 |
| | | | | SASSAFRAS BARK, EXTR | | FEMA 3010 |
| | | | | STEARIC ACID | NAS 0479 | FEMA 3035 |
| | | | | GE-VALEROLACTONE | | FEMA 3103 |
| | | | | VANILLIN | NAS 0336 | FEMA 3107 |
| | | | | WINTERGREEN, EXTRACT | | FEMA 3112 |
| | | | | WINTERGREEN, OIL | | FEMA 3113 |
| | | | | 1-BUTOXY-1-PHENOXYETHANE | | FEMA 3125 |
| | | | | ACETYLPYRAZINE | | FEMA 3126 |
| | | | | ALLYL METHYL DISULFIDE | | FEMA 3127 |
| | | | | 2-BENZOFURANCARBOXALDEHYD | | FEMA 3128 |
| | | | | BIPHENYL | | FEMA 3129 |
| | | | | BUTYLAMINE | | FEMA 3130 |
| | | | | SEC-BUTYL ETHYL ETHER | | FEMA 3131 |
| | | | | 2-ISOBUTYL-3-METHOXYPYRAZ | | FEMA 3132 |
| | | | | 2-ISOBUTYL-3-METHYLPYRAZI | | FEMA 3133 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | 2-ISOBUTYLTHIAZOLE | FEMA 3134 |
| | | | | 2Y,4T-DECADIENAL | FEMA 3135 |
| | | | | 2,3-DIETHYLPYRAZINE | FEMA 3136 |
| | | | | 2,6-DIMETHOXYPHENOL | FEMA 3137 |
| | | | | 3,4-DIMETHOXY-1-VINYLBENZ | FEMA 3138 |
| | | | | PA,A&-DIMETHYLBENZYL ALCO | FEMA 3139 |
| | | | | 2,6-DIMETHYL-4-HEPTANOL | FEMA 3140 |
| | | | | A&-SINENSAL | FEMA 3141 |
| | | | | CITRONELLIC ACID | FEMA 3142 |
| | | | | 2,4-DIMETHYL-2-PENTENOIC | FEMA 3143 |
| | | | | PA,A&-DIMETHYLSTYRENE | FEMA 3144 |
| | | | | 2,4-DIMETHYL-5-VINYLTHIAZ | FEMA 3145 |
| | | | | 2-FURFURYL DISULFIDE | FEMA 3146 |
| | | | | 1-ETHYL-2-ACETYLPYRROLE | FEMA 3147 |
| | | | | ETHYL T2-C4-DECADIENOATE | FEMA 3148 |
| | | | | 2-ETHYL-3,5-DIMETHYLPYRAZ | FEMA 3149 |
| | | | | 3-ETHYL-2,6-DIMETHYLPYRAZ | FEMA 3150 |
| | | | | 2-ETHYL-1-HEXANOL | FEMA 3151 |
| | | | | 3-ET-2-HO-2-CYC-PENTENONE | FEMA 3152 |
| | | | | 5-ET-3-HO-4-ME-2/5H/-FURA | FEMA 3153 |
| | | | | 2-ETHYL-5-METHYLPYRAZINE | FEMA 3154 |
| | | | | 3-ETHYL-2-METHYLPYRAZINE | FEMA 3155 |
| | | | | PA-ETHYLPHENOL | FEMA 3156 |
| | | | | ETHYL PA-TOLYLOXYACETATE | FEMA 3157 |
| | | | | 2-FURANMETHANETHIOL FORMA | FEMA 3158 |
| | | | | FURFURYL METHYL ETHER | FEMA 3159 |
| | | | | FURFURYL METHYL SULFIDE | FEMA 3160 |
| | | | | FURFURYL ISOPROPYL SULFID | FEMA 3161 |
| | | | | FURFURYL THIOACETATE | FEMA 3162 |
| | | | | 2-FURYL METHYL KETONE | FEMA 3163 |
| | | | | 2,4-HEPTADIENAL -TR,TR | FEMA 3164 |
| | | | | 2-HEPTENAL | FEMA 3165 |
| | | | | D&-HEXALACTONE | FEMA 3167 |
| | | | | 3,4-HEXANEDIONE | FEMA 3168 |
| | | | | T2-HEXENOIC ACID | FEMA 3169 |
| | | | | T3-HEXENOIC ACID | FEMA 3170 |
| | | | | C3-HEXEN-1-YL ACETATE | FEMA 3171 |
| | | | | HEXYL ISOBUTYRATE | FEMA 3172 |
| | | | | 1-HYDROXY-2-BUTANONE | FEMA 3173 |
| | | | | 4-HO-2,5-ME2-3/2H/-FURANO | FEMA 3174 |
| | | | | IONONE -G& | FEMA 3175 |
| | | | | PA-MENTHAN-2-ONE | FEMA 3176 |
| | | | | PA-MENTHA-8-THIOL-3-ONE | FEMA 3177 |
| | | | | PA-MENTH-1-ENE-9-AL | FEMA 3178 |
| | | | | PA-MENTH-1-EN-3-OL | FEMA 3179 |
| | | | | 2-MERCAPTOPROPIONIC ACID | FEMA 3180 |
| | | | | PA-METHOXY-A&-METHYLCINNA | FEMA 3182 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | 2-METHOXY-X-METHYLPYRAZIN | FEMA 3183 |
| | | | | 1-METHYL-2-ACETYLPYRROLE | FEMA 3184 |
| | | | | 4-METHYLBIPHENYL | FEMA 3186 |
| | | | | 3-METHYLCROTONIC ACID | FEMA 3187 |
| | | | | 2-METHYL-3-FURANTHIOL | FEMA 3188 |
| | | | | ME-X-FURFURYL-THIOPYRAZIN | FEMA 3189 |
| | | | | 5-METHYL-2,3-HEXANEDIONE | FEMA 3190 |
| | | | | 2-METHYL-5-METHOXYTHIAZOL | FEMA 3192 |
| | | | | 1-METHYLNAPHTHALENE | FEMA 3193 |
| | | | | 2T-METHYL-2-PENTENAL | FEMA 3194 |
| | | | | 2T-METHYL-2-PENTENOIC ACI | FEMA 3195 |
| | | | | JASMONE | FEMA 3196 |
| | | | | A-METHYLPHENETHYLBUTYRATE | FEMA 3197 |
| | | | | METHYL PHENETHYL ETHER | FEMA 3198 |
| | | | | 5-METHYL-2-PHEN-2-HEXENAL | FEMA 3199 |
| | | | | 4-METHYL-2-PHEN-2-PENTENA | FEMA 3200 |
| | | | | METHYL PROPYL DISULFIDE | FEMA 3201 |
| | | | | METHYL 2-PYRROLYL KETONE | FEMA 3202 |
| | | | | 5-METHYLQUINOXALINE | FEMA 3203 |
| | | | | 4-METHYL-5-THIAZOLEETHANO | FEMA 3204 |
| | | | | 4-ME-5-THIAZOLE-ET*OL- AC | FEMA 3205 |
| | | | | 2-METHYLTHIOACETALDEHYDE | FEMA 3206 |
| | | | | 1-/METHYLTHIO/-2-BUTANONE | FEMA 3207 |
| | | | | /METHYLTHIO/METHYLPYRAZIN | FEMA 3208 |
| | | | | OO-/METHYLTHIO/-PHENOL | FEMA 3210 |
| | | | | 2-METHYL-5-VINYLPYRAZINE | FEMA 3211 |
| | | | | 2,4-NONADIENAL | FEMA 3212 |
| | | | | 2-NONENAL | FEMA 3213 |
| | | | | D6-OCTALACTONE | FEMA 3214 |
| | | | | 2-OCTENAL | FEMA 3215 |
| | | | | 2,4-PENTADIENAL | FEMA 3217 |
| | | | | 2-PENTENAL | FEMA 3218 |
| | | | | ISOPENTYLAMINE | FEMA 3219 |
| | | | | PHENETHYLAMINE | FEMA 3220 |
| | | | | PHENETHYL HEXANOATE | FEMA 3221 |
| | | | | PHENETHYL OCTANOATE | FEMA 3222 |
| | | | | PHENOL | FEMA 3223 |
| | | | | 2-PHENYL-2-BUTENAL | FEMA 3224 |
| | | | | PHENYL DISULFIDE | FEMA 3225 |
| | | | | 1-PHENYL-1,2-PROPANEDIONE | FEMA 3226 |
| | | | | PROPENYL PROPYL DISULFIDE | FEMA 3227 |
| | | | | ISOPROPYL TIGLATE | FEMA 3229 |
| | | | | PYRAZINE ETHANETHIOL | FEMA 3230 |
| | | | | PYRAZINYL METHYL SULFIDE | FEMA 3231 |
| | | | | 2-PYRADINEMETHANETHIOL | FEMA 3232 |
| | | | | MENTHOFURAN | FEMA 3235 |
| | | | | ROSE OXIDE | FEMA 3236 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | TETRAMETHYLPYRAZINE | | FEMA 3237 |
| | | | | 2,2-THIODIMETHYLENE-DIFUR | | FEMA 3238 |
| | | | | 4-THUJANOL | | FEMA 3239 |
| | | | | TRIMETHYLAMINE | | FEMA 3241 |
| | | | | P@-CYMENOL-8 | | FEMA 3242 |
| | | | | MEB-CYCLOHEX-1-ENL 8U-2EN | | FEMA 3243 |
| | | | | 2,3,5-TRIMETHYLPYRAZINE | | FEMA 3244 |
| | | | | UNDECANOIC ACID | | FEMA 3245 |
| | | | | 2-UNDECANOL | | FEMA 3246 |
| | | | | 10-UNDECENOIC ACID | | FEMA 3247 |
| | | | | O@-VINYLANISOLE | | FEMA 3248 |
| | | | | 2,6-XYLENOL | | FEMA 3249 |
| | | | | BUTYROLACTONE | | FEMA 3421 |
| | | | | 3,4-DIME CYCLOPENT DIONE | | FEMA 3427 |
| | | | | DI-N-PROPYL TRISULFIDE | | FEMA 3430 |
| | | | | ETHYL ABIETATE | | FEMA 3433 |
| | | | | 3-ET-2,5-DIME PYRAZINE | | FEMA 3434 |
| | | | | DIETHYL ANTHRANILATE | | FEMA 3436 |
| | | | | ETHYL HEXENOATE | | FEMA 3437 |
| | | | | ET ME HYDX-DIHYDFURANONE | | FEMA 3438 |
| | | | | ET ME-P-TOLYL GLYCIDATE | | FEMA 3439 |
| | | | | FURFURYL BUTYRATE | | FEMA 3440 |
| | | | | FURFURYL PYRROL | | FEMA 3441 |
| | | | | 2, 4-HEXADIENAL | | FEMA 3443 |
| | | | | HEXYL BENZOATE | | FEMA 3445 |
| | | | | HYDROGEN SULPHIDE | | FEMA 3446 |
| | | | | HYDROQUINON ET ETHR | | FEMA 3447 |
| | | | | 3-HYDROXY-PENTANONE-2 | | FEMA 3448 |
| | | | | LINALYL PHENYLACETATE | | FEMA 3449 |
| | | | | MALONIC ACID | | FEMA 3450 |
| | | | | ISO-MENTHONE | | FEMA 3451 |
| | | | | 3-MERCAP PROPANOIC ACID | | FEMA 3452 |
| | | | | 2-METHYL PYRAZINE | | FEMA 3461 |
| | | | | D-UNDECALACTONE | | FEMA 3482 |
| | | | | 4-HEPTENAL | | FEMA 3490 |
| | | | | 2,6-DIMETHYL-4-HEPTANONE | | FEMA 3291 |
| | | | | DISODIUM GUANYLATE | NAS 0541 | FEMA 3292 |
| | | | | DISODIUM INOSINATE | NAS 0540 | FEMA 3293 |
| | | | | GLYEST WOODROS/EST GUM | | FEMA 3309 |
| | | | | GLYCINE | NAS 0356 | FEMA 3310 |
| | | | | LEEK, OIL | | FEMA 3326 |
| | | | | MASTIC GUM | | FEMA 3335 |
| | | | | DL-METHIONINE | NAS 0359 | FEMA 3344 |
| | | | | METHYL 3-PYRIDYL KETONE | | FEMA 3355 |
| | | | | SPIKENARD, EXTRACT | | FEMA 3393 |
| | | | | SUCROSE ACET ISOBUTYRATE | | FEMA 3394 |
| | | | | TEA TREE, OIL | | FEMA 3398 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | P-TOLYL OCTANOATE | FEMA 3401 |
| | | | | 2-UNDECEN-1-OL | FEMA 3403 |
| | | | | YARA YARA | FEMA 3409 |
| | | | | ACTL ME CARBINYL ACET | FEMA 3410 |
| | | | | ALLYL CROTONATE | FEMA 3411 |
| | | | | ALLYL HEXENOATE | FEMA 3412 |
| | | | | AMYL DECANOATE | FEMA 3414 |
| | | | | AMYL PHENYLACETATE | FEMA 3415 |
| | | | | AMYL SALICYLATE | FEMA 3416 |
| | | | | AMYL ISO VALERIANATE | FEMA 3417 |
| | | | | ISO-AMYL VALERIANATE | FEMA 3418 |
| | | | | BUTYL SALICYLATE | FEMA 3419 |
| | | | | ISOBUT ME ANTHRANILATE | FEMA 3420 |
| | | | | CARVOMENTHOL | FEMA 3422 |
| | | | | M-CRESOL | FEMA 3425 |
| | | | | O-CRESOL | FEMA 3426 |
| | | | | FURFURYLIDEN-2-PROPANAL | FEMA 3442 |
| | | | | METHALLYL CAPROATE | FEMA 3453 |
| | | | | 3-METHYL-3-BUTENE-2-1 | FEMA 3454 |
| | | | | METHYL FURFURACRYLAT | FEMA 3455 |
| | | | | 2-ME-5-ISOPROP PYRAZINE | FEMA 3458 |
| | | | | 4-ME-4-PENTEN-2-ONE | FEMA 3459 |
| | | | | ME PROPENYL DISULFIDE | FEMA 3460 |
| | | | | B-NAPHTH ISOBUTYL ETHER | FEMA 3464 |
| | | | | 2,6-NONADIENAL | FEMA 3465 |
| | | | | NONADIENAL DIME ACETAL | FEMA 3466 |
| | | | | NONANEDIOL-1,4-ACETATE | FEMA 3467 |
| | | | | 6-NONENAL | FEMA 3468 |
| | | | | 6-OCTENAL | FEMA 3469 |
| | | | | 2-PENTEN-1-OL | FEMA 3470 |
| | | | | 3-PENTEN-2-ONE | FEMA 3471 |
| | | | | PHENYLETHYL VALERATE | FEMA 3472 |
| | | | | 5-PHENYL PENTANOL | FEMA 3473 |
| | | | | 1-PHEN-3/5-PROP PYRAZOL | FEMA 3474 |
| | | | | ISO-PHORONE | FEMA 3475 |
| | | | | PROPYL VALERIANATE | FEMA 3476 |
| | | | | TIGLALDEHYDE | FEMA 3478 |
| | | | | O-TOLYL ISO-BUTYRATE | FEMA 3479 |
| | | | | 2,5-UNDECADIENAL | FEMA 3481 |
| | | | | VALILLYL ALCOHOL | FEMA 3483 |
| | | | | VANILLYLIDENE ACETON | FEMA 3484 |
| | | | | VETIVERYL ACETATE | FEMA 3485 |
| | | | | B-BOURBONENE | FEMA 3486 |
| | | | | CARYOPHYLLENE OXIDE | FEMA 3488 |
| | | | | GERANYL ACETONE | FEMA 3489 |
| | | | | 3-HEXENL PHENYLACETATE | FEMA 3491 |
| | | | | HEXYL PHENYLACETATE | FEMA 3492 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 11 | FLAV AGNT | ISOAMYL 2-ME BUTYRATE | | FEMA 3493 |
| | | | | JASMONE | | FEMA 3494 |
| | | | | 1-P-MENTHEN-9-YL ACETATE | | FEMA 3495 |
| | | | | PINOCARVEOL | | FEMA 3496 |
| | | | | PIPERITENONE | | FEMA 3497 |
| | | | | PIPERITENONE OXIDE | | FEMA 3498 |
| | | | | VERBENOL | | FEMA 3499 |
| | | | | 2-ACETYL-3-ETHYLPYRAZINE | | FEMA 3589 |
| | | | | 2-ACETYL PYRIDINE | | FEMA 3585 |
| | | | | ALLYL CAPROATE | | FEMA 3543 |
| | | | | APPLE ESSENCE, NATURAL | | FEMA 3544 |
| | | | | BIRCH TAR OIL | | FEMA 3592 |
| | | | | A&KETO BUTYRIC ACID | | FEMA 3593 |
| | | | | N-BUTYL SALICYLATE | | FEMA 3558 |
| | | | | CELERY JUICE | | FEMA 3566 |
| | | | | COCOA | NAS 0371 | FEMA 3518 |
| | | | | COFFEE CONCENTRATE-PURE | | FEMA 3636 |
| | | | | CYCLOHEXANOL | | FEMA 3594 |
| | | | | 4-DECEN-AL | | FEMA 3586 |
| | | | | 2,6 DIMETHYL PYRAZINE | | FEMA 3597 |
| | | | | DIPHENYL OXIDE | | FEMA 3599 |
| | | | | 2-ETHYL PYRIZINE | | FEMA 3601 |
| | | | | FURFURYL ISOVALERATE | | FEMA 3627 |
| | | | | GRAPE ESSENCE, NATURAL | | FEMA 3538 |
| | | | | GRAPEFRUIT ESSENCE, NAT | | FEMA 3539 |
| | | | | GRAPEFRUIT OIL CONC | | FEMA 3631 |
| | | | | GREEN PEPPER, GRANULES | | FEMA 3567 |
| | | | | CIS-3-HEXENAL PROPIONATE | | FEMA 3603 |
| | | | | TRANS-3-HEXENAL | | FEMA 3602 |
| | | | | CIS-3-HEXENYL VALERATE | | FEMA 3604 |
| | | | | MATE ABSOLUTE | | FEMA 3644 |
| | | | | B&-METHYL OCTALACTONE | | FEMA 3606 |
| | | | | METHYL THIOFUROATE | | FEMA 3629 |
| | | | | B&-METHYL UMBELLIFERON | | FEMA 3609 |
| | | | | OEANTHIC ETHER | | FEMA 3649 |
| | | | | ORANGE ESSENCE, NATURAL | | FEMA 3540 |
| | | | | ORANGE ESSENCE, OIL NAT | | FEMA 3542 |
| | | | | PREMUL | | FEMA 3611 |
| | | | | TAMARINDS | | FEMA 3645 |
| | | | | TANGERINE ESSENCE, NAT | | FEMA 3541 |
| | | | | TETRAHYDROFURFURYLCINAMAT | | FEMA 3587 |
| | | | | TOLVALDEHYDES,PARA | | FEMA 3633 |
| | | | | UNDECENAL | | FEMA 3615 |
| 23 | BEV TYPE I(R) | 13 | FORMUL AID | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | CALCIUM CARBONATE | NAS 0038 | |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 13 | FERMUL AID | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | SOYBEAN FLOUR | NAS 0486 | |
| 23 | BEV TYPE I(R) | 18 | NNTR SWEET | CALCIUM SACCHARIN | NAS 0054 | FEMA 3528 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | SUCROSE OCTAACETATE | | FEMA 3038 |
| | | | | GLYCINE | NAS 0356 | FEMA 3310 |
| 23 | BEV TYPE I(R) | 19 | NUTR SUPPL | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CALCIUM LACTATE | NAS 0045 | FEMA 3535 |
| | | | | CALCIUM PANTOTHENATE | NAS 0047 | |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | ERYTHORBIC ACID | NAS 0078 | FEMA 2410 |
| | | | | FERRIC PHOSPHATE | NAS 0080 | |
| | | | | FERRIC PYROPHOSPHATE | NAS 0081 | |
| | | | | FERROUS SULFATE | NAS 0085 | |
| | | | | MAGNESIUM CARBONATE | NAS 0110 | |
| | | | | MAGNESIUM SULFATE | NAS 0117 | |
| | | | | MANGANESE SULFATE | NAS 0124 | |
| | | | | NIACINAMIDE | NAS 0137 | |
| | | | | POTASSIUM CHLORIDE | NAS 0151 | |
| | | | | POTASSIUM CITRATE | NAS 0152 | |
| | | | | POTASSIUM IODIDE | NAS 0155 | |
| | | | | PYRIDOXINE HYDROCHLORIDE | NAS 0167 | |
| | | | | RIBOFLAVIN | NAS 0169 | |
| | | | | SODIUM ASCORBATE | NAS 0180 | FEMA 3525 |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM PHOSPHATE MONO | NAS 0198 | FEMA 3534 |
| | | | | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | THIAMINE MONONITRATE | NAS 0222 | |
| | | | | DL-ALPHA TOCOPHEROL | NAS 0226 | |
| | | | | VITAMIN A | NAS 0241 | |
| | | | | VITAMIN A PALMITATE | NAS 0243 | |
| | | | | VITAMIN B12 | NAS 0244 | |
| | | | | VITAMIN D2 | NAS 0245 | |
| | | | | ZINC SULFATE | NAS 0251 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | POTASSIUM PHOSPHATE, MONO | NAS 0304 | |
| | | | | POTASSIUM PHOSPHATE, TRI | NAS 0305 | |
| | | | | SODIUM FLUORIDE | NAS 0318 | |

TABLE 10 -- SUBSTANCES (GROUP 1-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 19 | NUTR SUPPL | SUCROSE | NAS 0328 | |
| | | | | YEASTS | NAS 0333 | |
| | | | | COPPER SULFATE | NAS 0427 | |
| | | | | FERRIC CHLORIDE | NAS 0428 | |
| | | | | MAGNESIUM CHLORIDE | NAS 0367 | |
| | | | | SODIUM LACTATE | NAS 0400 | |
| 23 | BEV TYPE I(R) | 20 | PH CONTROL | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | ADIPIC ACID | NAS 0003 | FEMA 2011 |
| | | | | AMMONIUM PHOSPHATE DI | NAS 0016 | |
| | | | | CALCIUM ACETATE | NAS 0035 | FEMA 2228 |
| | | | | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MAGNESIUM CARBONATE | NAS 0110 | |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | POTASSIUM CARBONATE | NAS 0150 | |
| | | | | POTASSIUM CITRATE | NAS 0152 | |
| | | | | POTASSIUM HYDROXIDE | NAS 0154 | |
| | | | | POTASSIUM PHOSPHATE DI | NAS 0157 | |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | SODIUM BICARBONATE | NAS 0162 | FEMA 3536 |
| | | | | SODIUM CARBONATE | NAS 0185 | |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM PHOSPHATE MONO | NAS 0198 | FEMA 3534 |
| | | | | SODIUM PHOSPHATE TRI | NAS 0199 | |
| | | | | STANNOUS CHLORIDE | NAS 0213 | |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | POTASSIUM PHOSPHATE, TRI | NAS 0305 | |
| | | | | TANNIC ACID | NAS 0330 | FEMA 3042 |
| | | | | LEVULINIC ACID | | FEMA 2627 |
| | | | | POTASSIUM ACETATE | | FEMA 2920 |
| | | | | FUMARIC ACID | NAS 0382 | FEMA 2488 |
| 23 | BEV TYPE I(R) | 21 | PRESERVATV | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | BENZOIC ACID | NAS 0029 | FEMA 2131 |
| | | | | METHYLPARABEN | NAS 0128 | FEMA 2710 |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | PROPIONIC ACID | NAS 0163 | FEMA 2924 |
| | | | | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| | | | | PROPYLPARABEN | NAS 0166 | FEMA 2951 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 21 | PRESERVATV | SODIUM PROPIONATE | NAS 0201 | FEMA 3513 |
| | | | | SORBIC ACID | NAS 0211 | FEMA 3624 |
| | | | | STANNOUS CHLORIDE | NAS 0213 | |
| | | | | BUTYL P-HYDROXYBENZOATE | | FEMA 2203 |
| | | | | CARDAMOM, OLEORESIN | | FEMA 3501 |
| | | | | CHLORINE | NAS 0424 | |
| 23 | BEV TYPE I(R) | 22 | PROCES AID | HYDROCHLORIC ACID | NAS 0097 | |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | STARCH | NAS 0402 | |
| 23 | BEV TYPE I(R) | 23 | PROPL AERT | CARBON DIOXIDE | NAS 0060 | |
| | | | | NITROGEN | NAS 0138 | |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| 23 | BEV TYPE I(R) | 24 | SEQUESTRNT | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | POTASSIUM TRIPOLYPHOS | NAS 0308 | |
| 23 | BEV TYPE I(R) | 25 | SOLV VEHIC | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | GLYCERIN | NAS 0069 | FEMA 2525 |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | TRIACETIN | NAS 0233 | FEMA 2007 |
| | | | | TRIETHYL CITRATE | NAS 0234 | FEMA 3083 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | BENZYL ALCOHOL | | FEMA 2137 |
| | | | | BENZYL BENZOATE | | FEMA 2138 |
| | | | | DIBUTYL SEBACATE | | FEMA 2373 |
| | | | | DIETHYL SEBACATE | | FEMA 2376 |
| | | | | DIETHYL SUCCINATE | | FEMA 2377 |
| | | | | DIETHYL TARTRATE | | FEMA 2378 |
| | | | | GLYCERYL MONOOLEATE | | FEMA 2526 |
| | | | | LEVULINIC ACID | | FEMA 2627 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| | | | | TRIPROPIONINE | | FEMA 3402 |
| | | | | ISO-PROPYL MYRISTATE | | FEMA 3378 |
| | | | | BUTYLENE GLYCOL | NAS 0531 | FEMA 3516 |
| 23 | BEV TYPE I(R) | 26 | STBLZ THKR | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2648 |
| | | | | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 23 | BEV TYPE I(R) | 26 | STBLZ THKR | METHYLCELLULOSE | NAS 0127 | FEMA 2696 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | STERCULIA GUM | NAS 0215 | FEMA 2605 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | ROSIN(COLOPHONY) | | FEMA 3384 |
| | | | | BROMINATED VEG OILS | | FEMA 2168 |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | DAMAR GUM | | FEMA 3287 |
| | | | | GLYEST WOODROS/EST GUM | | FEMA 3309 |
| | | | | SUCROSE ACET ISOBUTYRATE | | FEMA 3394 |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |
| | | | | DEXTRIN | NAS 0338 | FEMA 3556 |
| | | | | SESAME SEED | | FEMA 3500 |
| 23 | BEV TYPE I(R) | 27 | SURFACTANT | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | GLYCYRRHIZIN, AMMONIATED | | FEMA 2528 |
| | | | | QUILLAJA | NAS 0399 | FEMA 2973 |
| | | | | YUCCA, JOSHUA TREE | | FEMA 3120 |
| | | | | YUCCA, MOHAVE, EXTRCT | | FEMA 3121 |
| | | | | POLYSORBATE 20 | | FEMA 2915 |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | YUCCA EXTRACT | NAS 0339 | |
| 23 | BEV TYPE I(R) | 29 | SYNERGIST | CAFFEINE | NAS 0034 | FEMA 2224 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| 23 | BEV TYPE I(R) | 30 | TEXTURIZER | SODIUM CMC | NAS 0186 | |
| | | | | CORN SYRUP | NAS 0270 | |
| 23 | BEV TYPE I(R) | 40 | NUTR SWEET | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 24 | BEV TYPE II(R) | 02 | ANTIOXIDNT | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | L-CYSTEINE | NAS 0071 | FEMA 3285 |
| | | | | POTASSIUM METABISULFITE | NAS 0156 | |
| | | | | SODIUM ASCORBATE | NAS 0180 | FEMA 3525 |
| | | | | SODIUM BISULFITE | NAS 0183 | |
| | | | | SODIUM METABISULFITE | NAS 0193 | |
| | | | | SODIUM SULFITE | NAS 0206 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FCCD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 24 | BEV TYPE II(R) | 02 | ANTIOXIDNT | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| | | | | SODIUM ERYTHORBATE | NAS 0317 | |
| | | | | SULFITES, STRONG ALKALI | NAS 0329 | |
| 24 | BEV TYPE II(R) | 03 | COLOR | CARAMEL | NAS 0059 | FEMA 2235 |
| 24 | BEV TYPE II(R) | 07 | EMULSIFIER | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| | | | | PROPYLENE GLYCOL MSTEARAT | NAS 0309 | FEMA 2942 |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | GLYEST WOODROS/EST GUM | | FEMA 3309 |
| 24 | BEV TYPE II(R) | 08 | ENZYME | PAPAIN | NAS 0142 | |
| | | | | ENZYMES, PROTEOLYTIC | NAS 0274 | |
| | | | | FUNGAL AMYLASE | NAS 0452 | |
| | | | | BROMELAIN | NAS 0368 | |
| | | | | FICIN | NAS 0381 | |
| | | | | FUNGAL AMYLOGLUCOSIDASE | NAS 0453 | |
| | | | | PROTEASE, BACTERIAL | NAS 0451 | |
| | | | | FUNGAL PROTEASE | NAS 0458 | |
| 24 | BEV TYPE II(R) | 10 | FLAV ENHNC | CALCIUM HYDROXIDE | NAS 0044 | |
| | | | | CARBON DIOXIDE | NAS 0060 | |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | TANNIC ACID | NAS 0330 | FEMA 3042 |
| 24 | BEV TYPE II(R) | 11 | FLAV AGNT | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | ADIPIC ACID | NAS 0003 | FEMA 2011 |
| | | | | DL-ALANINE | NAS 0005 | FEMA 3251 |
| | | | | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | BEESWAX, BLEACHED | NAS 0027 | FEMA 2126 |
| | | | | BENZOIC ACID | NAS 0029 | FEMA 2131 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | CAPRYLIC ACID | NAS 0058 | FEMA 2799 |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | ETHYL FORMATE | NAS 0079 | FEMA 2434 |
| | | | | GLUTAMIC ACID | NAS 0087 | FEMA 3307 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | DL-ISOLEUCINE | NAS 0101 | FEMA 3330 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | DL-LEUCINE | NAS 0105 | FEMA 3329 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 24 | BEV TYPE II(R) | 11 | FLAV AGNT | DL-PHENYLALANINE | NAS 0143 | FEMA 3372 |
| | | | | PROPIONIC ACID | NAS 0163 | FEMA 2924 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | TRIACETIN | NAS 0233 | FEMA 2007 |
| | | | | BRANDY | NAS 0257 | |
| | | | | CORN MINT OIL | NAS 0269 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | TANNIC ACID | NAS 0330 | FEMA 3042 |
| | | | | ALFALFA, EXTRACT | | FEMA 2013 |
| | | | | ALLSPICE | | FEMA 2017 |
| | | | | ALLSPICE, OIL | | FEMA 2018 |
| | | | | ALMOND OIL, BITTER, FFPA | | FEMA 2046 |
| | | | | AMBRETTE, ABSOLUTE, OIL | | FEMA 2050 |
| | | | | AMBRETTE SEED, OIL | | FEMA 2051 |
| | | | | AMBRETTE, TINCTURE | | FEMA 2052 |
| | | | | ANGELICA ROOT, EXTRACT | | FEMA 2087 |
| | | | | ANGELICA ROOT, OIL | | FEMA 2088 |
| | | | | ANGELICA SEED, EXTRACT | | FEMA 2089 |
| | | | | ANGELICA SEED, OIL | | FEMA 2090 |
| | | | | ANGELICA STEM, OIL | | FEMA 2091 |
| | | | | ANGOSTURA, EXTRACT | | FEMA 2092 |
| | | | | ANISE | | FEMA 2093 |
| | | | | ANISE, OIL | | FEMA 2094 |
| | | | | ANISE, STAR | | FEMA 2095 |
| | | | | ANISE, STAR, OIL | | FEMA 2096 |
| | | | | ASH BARK, PRICKLY, EXT | | FEMA 2110 |
| | | | | BALM LEAVES, EXTRACT | | FEMA 2112 |
| | | | | BALM, OIL | | FEMA 2113 |
| | | | | BALSAM, PERU | | FEMA 2116 |
| | | | | BALSAM, PERU, OIL | | FEMA 2117 |
| | | | | BASIL, OIL | | FEMA 2119 |
| | | | | BASIL, OLEORESIN | | FEMA 2120 |
| | | | | BAY LEAVES, W IND, OIL | | FEMA 2122 |
| | | | | BAY LEAVES, W IND, RESIN | | FEMA 2123 |
| | | | | BAY, SWEET, OIL | | FEMA 2125 |
| | | | | BERGAMOT, OIL | | FEMA 2153 |
| | | | | CANANGA, OIL | | FEMA 2232 |
| | | | | CAPSICUM, EXTRACT | | FEMA 2233 |
| | | | | CAPSICUM, OLEORESIN | | FEMA 2234 |
| | | | | CARAWAY | NAS 0421 | FEMA 2236 |
| | | | | CARAWAY, OIL | | FEMA 2238 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 24 | BEV TYPE II(R) | 11 | FLAV AGNT | CARDAMOM | FEMA 2240 |
| | | | | CARDAMOM SEED, OIL | FEMA 2241 |
| | | | | CARROT, OIL | FEMA 2244 |
| | | | | CASCARILLA BARK, EXT | FEMA 2254 |
| | | | | CASCARILLA BARK, OIL | FEMA 2255 |
| | | | | CASSIA | FEMA 2256 |
| | | | | CASSIA BARK, EXTRACT | FEMA 2257 |
| | | | | CASSIA BARK, OIL | FEMA 2258 |
| | | | | CASTOREUM, EXTRACT | FEMA 2261 |
| | | | | CELERY SEED, EXTRACT | FEMA 2269 |
| | | | | CELERY SEED, EXT SOLID | FEMA 2270 |
| | | | | CELERY SEED, OIL | FEMA 2271 |
| | | | | CHAMOMILE FLOWER OIL, ENG | FEMA 2272 |
| | | | | CHAMOMILE FLOWER OIL, HUN | FEMA 2273 |
| | | | | CHAMOMILE FLOWER EXT, ROM | FEMA 2274 |
| | | | | CHAMOMILE FLOWER OIL, ROM | FEMA 2275 |
| | | | | CHERRY BARK, WILD, EXT | FEMA 2276 |
| | | | | CHICORY, EXTRACT | FEMA 2280 |
| | | | | CINNAMON BARK, EXT | FEMA 2290 |
| | | | | CINNAMON BARK, OIL | FEMA 2291 |
| | | | | CINNAMON LEAF, OIL | FEMA 2292 |
| | | | | CITRONELLA, OIL | FEMA 2308 |
| | | | | CIVET, ABSOLUTE | FEMA 2319 |
| | | | | CLARY | FEMA 2320 |
| | | | | CLARY, OIL | FEMA 2321 |
| | | | | CLOVE BUD, EXTRACT | FEMA 2322 |
| | | | | CLOVE BUD, OIL | FEMA 2323 |
| | | | | CLOVE BUD, OLEORESIN | FEMA 2324 |
| | | | | CLOVE LEAF, OIL | FEMA 2325 |
| | | | | CLOVES | FEMA 2327 |
| | | | | CLOVE STEM, OIL | FEMA 2328 |
| | | | | COCA LEAF, EXTRACT | FEMA 2329 |
| | | | | COGNAC, GREEN, OIL | FEMA 2331 |
| | | | | COGNAC, WHITE, OIL | FEMA 2332 |
| | | | | CORIANDER | FEMA 2333 |
| | | | | CORIANDER, OIL | FEMA 2334 |
| | | | | CORN SILK | FEMA 2335 |
| | | | | CUMIN, OIL | FEMA 2343 |
| | | | | CURACO PEEL, EXT | FEMA 2344 |
| | | | | CURACAO PEEL, OIL | FEMA 2345 |
| | | | | DANDELION ROOT, EXT SOLID | FEMA 2358 |
| | | | | DILL, OIL | FEMA 2383 |
| | | | | ELDER FLOWERS | FEMA 2406 |
| | | | | ESTRAGON, OIL | FEMA 2412 |
| | | | | FENNEL, COMMON | FEMA 2481 |
| | | | | FENNEL, SWEET, OIL | FEMA 2483 |
| | | | | FENUGREEK | FEMA 2484 |

TABLE 13 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 24 | BEV TYPE II(R) | 11 | FLAV AGNT | FENUGREEK, EXTRACT | | FEMA 2485 |
| | | | | FENUGREEK, OLEORESIN | | FEMA 2486 |
| | | | | GALANGAL ROOT | | FEMA 2498 |
| | | | | GALANGAL ROOT, EXTRCT | | FEMA 2499 |
| | | | | GALANGAL ROOT, OIL | | FEMA 2500 |
| | | | | GERANIUM, ROSE, OIL | | FEMA 2508 |
| | | | | GINGER, EXTRACT | | FEMA 2521 |
| | | | | GINGER, OIL | | FEMA 2522 |
| | | | | GINGER, OLEORESIN | | FEMA 2523 |
| | | | | GLYCYRRHIZIN, AMMONIATED | | FEMA 2528 |
| | | | | GRAPEFRUIT, OIL | | FEMA 2530 |
| | | | | HOPS, EXTRACT | | FEMA 2578 |
| | | | | HOPS, EXTRACT SOLID | | FEMA 2579 |
| | | | | HOPS, OIL | | FEMA 2580 |
| | | | | HOREHOUND, EXTRACT | | FEMA 2581 |
| | | | | HYSSOP | | FEMA 2589 |
| | | | | HYSSOP, EXTRACT | | FEMA 2590 |
| | | | | HYSSOP, OIL | | FEMA 2591 |
| | | | | IMMORTELLE, EXTRACT | | FEMA 2592 |
| | | | | JASMINE, ABSOLUTE | | FEMA 2598 |
| | | | | JASMINE, CONCRETE | | FEMA 2599 |
| | | | | JASMINE, OIL | | FEMA 2600 |
| | | | | JUNIPER, EXTRACT | | FEMA 2603 |
| | | | | JUNIPER, OIL | | FEMA 2604 |
| | | | | KOLA NUT, EXTRACT | | FEMA 2607 |
| | | | | LAVANDIN, OIL | | FEMA 2618 |
| | | | | LAVENDER, ABSOLUTE | | FEMA 2620 |
| | | | | LAVENDER, CONCRETE | | FEMA 2621 |
| | | | | LAVENDER, OIL | | FEMA 2622 |
| | | | | LEMON, EXTRACT | | FEMA 2623 |
| | | | | LEMON-GRASS, OIL | | FEMA 2624 |
| | | | | LEMON, OIL | | FEMA 2625 |
| | | | | LEMON OIL, TERP/LESS | | FEMA 2626 |
| | | | | LICORICE, EXTRACT | | FEMA 2628 |
| | | | | LICORICE, EXT POWDER | | FEMA 2629 |
| | | | | LICORICE ROOT | NAS 0564 | FEMA 2630 |
| | | | | LIME, OIL | | FEMA 2631 |
| | | | | LIME OIL, TERPENELESS | | FEMA 2632 |
| | | | | MACE, OIL | | FEMA 2653 |
| | | | | MACE, OLEORESIN | | FEMA 2654 |
| | | | | MANDARIN, OIL | | FEMA 2657 |
| | | | | MARIGOLD, POT | | FEMA 2658 |
| | | | | MARJORAM, OLEORESIN | | FEMA 2659 |
| | | | | MARJORAM, SWEET, OIL | | FEMA 2663 |
| | | | | MENTHOL | | FEMA 2665 |
| | | | | MENTHYL ACETATE | | FEMA 2668 |
| | | | | MUSK TONQUIN | | FEMA 2759 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FDCC CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 24 | BEV TYPE II(R) | 11 | FLAV AGNT | NEROLI BIGARDE, OIL | | FEMA 2771 |
| | | | | NUTMEG | NAS 0431 | FEMA 2792 |
| | | | | NUTMEG, OIL | | FEMA 2793 |
| | | | | ONION, OIL | | FEMA 2817 |
| | | | | ORANGE BLOSSOMS, ABS | | FEMA 2818 |
| | | | | ORANGE LEAF, ABSOLUTE | | FEMA 2820 |
| | | | | ORANGE OIL | NAS 0493 | FEMA 2821 |
| | | | | ORANGE, OIL, TERPENELESS | | FEMA 2822 |
| | | | | ORANGE PEEL, BITTER, OIL | | FEMA 2823 |
| | | | | ORANGE PEEL, SWEET, EXT | | FEMA 2824 |
| | | | | ORANGE PEEL, SWEET, OIL | | FEMA 2825 |
| | | | | ORNGPL OIL SWEET TERP/LES | | FEMA 2826 |
| | | | | OREGANO | | FEMA 2827 |
| | | | | ORIGANUM, OIL | | FEMA 2828 |
| | | | | PALMAROSA, OIL | | FEMA 2831 |
| | | | | PAPRIKA, OLEORESIN | | FEMA 2834 |
| | | | | PARSLEY, OIL | | FEMA 2836 |
| | | | | PARSLEY, OLEORESIN | | FEMA 2837 |
| | | | | PEPPER, BLACK, OIL | | FEMA 2845 |
| | | | | PEPPER, BLACK, OLEORES | | FEMA 2846 |
| | | | | PEPPERMINT, OIL | | FEMA 2848 |
| | | | | PEPPER, WHITE, OIL | | FEMA 2851 |
| | | | | PETITGRAIN, LEMON, OIL | | FEMA 2853 |
| | | | | PETITGRAIN, MAND, OIL | | FEMA 2854 |
| | | | | PETITGRAIN, OIL | | FEMA 2855 |
| | | | | PIMENTA LEAF, OIL | | FEMA 2901 |
| | | | | POMEGRANATE BARK, EXT | | FEMA 2918 |
| | | | | ROSE, ABSOLUTE | | FEMA 2988 |
| | | | | ROSE BULG/TRUE OTTO, OIL | | FEMA 2989 |
| | | | | ROSEMARY | | FEMA 2991 |
| | | | | ROSEMARY, OIL | | FEMA 2992 |
| | | | | ROSE WATER, STRONGER | | FEMA 2993 |
| | | | | RUE, OIL | | FEMA 2995 |
| | | | | SAFFRON | | FEMA 2998 |
| | | | | SAFFRON, EXTRACT | | FEMA 2999 |
| | | | | SAGE, OIL | | FEMA 3001 |
| | | | | SAGE, SPANISH, OIL | | FEMA 3003 |
| | | | | SCHINUS MOLLE, OIL | | FEMA 3018 |
| | | | | SLOE BERRIES | | FEMA 3020 |
| | | | | SLOE BERRIES, EXTRACT | | FEMA 3021 |
| | | | | SLOE BERRIES, EXT SOLID | | FEMA 3022 |
| | | | | SPEARMINT | | FEMA 3030 |
| | | | | SPEARMINT, EXTRACT | | FEMA 3031 |
| | | | | SPEARMINT, OIL | | FEMA 3032 |
| | | | | SPIKE LAVENDER, OIL | | FEMA 3033 |
| | | | | TANGERINE, OIL | | FEMA 3041 |
| | | | | THYME, OIL | | FEMA 3064 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 24 | BEV TYPE II(R) | 11 | FLAV AGNT | THYME, WHITE, OIL | | FEMA 3065 |
| | | | | TUBEROSE, OIL | | FEMA 3084 |
| | | | | TURMERIC, OLEORESIN | | FEMA 3087 |
| | | | | VANILLA | NAS 0433 | FEMA 3104 |
| | | | | VANILLA EXTRACT | NAS 0482 | FEMA 3105 |
| | | | | VANILLA, OLEORESIN | | FEMA 3106 |
| | | | | VIOLET LEAVES, ABSOL | | FEMA 3110 |
| | | | | YLANG YLANG, OIL | | FEMA 3119 |
| | | | | ZEDOARYBARK, EXTRCT | | FEMA 3123 |
| | | | | CALENDULA | | FEMA 3264 |
| | | | | COCOA EXTRACT | | FEMA 3278 |
| | | | | COFFEE, EXTRACT | | FEMA 3279 |
| | | | | MALT, EXTRACT | | FEMA 3334 |
| | | | | MATE LEAVES | | FEMA 3336 |
| | | | | TAMARIND, EXTRACT | | FEMA 3395 |
| | | | | TEA, EXTRACT | | FEMA 3397 |
| | | | | ACETALDEHYDE | NAS 0448 | FEMA 2003 |
| | | | | ACETOIN | NAS 0363 | FEMA 2008 |
| | | | | ACONITIC ACID | | FEMA 2010 |
| | | | | ANETHOLE | | FEMA 2086 |
| | | | | BENZALDEHYDE | NAS 0367 | FEMA 2127 |
| | | | | N-BUTYRIC ACID | NAS 0337 | FEMA 2221 |
| | | | | CARVONE | | FEMA 2249 |
| | | | | CINNAMALDEHYDE | | FEMA 2286 |
| | | | | CINNAMALDE ETHYLENE GLYOL | | FEMA 2287 |
| | | | | CITRAL | | FEMA 2303 |
| | | | | DIACETYL | | FEMA 2370 |
| | | | | ETHYL ACETATE | NAS 0449 | FEMA 2414 |
| | | | | ETHYL BUTYRATE | | FEMA 2427 |
| | | | | ETHYL METHYLPHENYLGLYCIDA | | FEMA 2444 |
| | | | | ETHYL VANILLIN | | FEMA 2464 |
| | | | | EUGENOL | | FEMA 2467 |
| | | | | GERANIOL | | FEMA 2507 |
| | | | | GERANYL ACETATE | | FEMA 2509 |
| | | | | /D/-LIMONENE | | FEMA 2633 |
| | | | | LINALOOL | | FEMA 2635 |
| | | | | LINALYL ACETATE | | FEMA 2636 |
| | | | | METHYL ANTHRANILATE | NAS 0563 | FEMA 2682 |
| | | | | PIPERONAL | | FEMA 2911 |
| | | | | GLYCEROL TRIBUTYRATE | | FEMA 3308 |
| | | | | ALOE, EXTRACT | | FEMA 2047 |
| | | | | ALTHEA ROOT | | FEMA 2048 |
| | | | | BALSAM FIR, OIL | | FEMA 2114 |
| | | | | BALSAM FIR, OLEORESIN | | FEMA 2115 |
| | | | | BENZOIN, RESIN | | FEMA 2133 |
| | | | | BLACKBERRY BARK, EXT | | FEMA 2155 |
| | | | | BORONIA, ABSOLUTE | | FEMA 2167 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 24 | BEV TYPE III(R) | 11 | FLAV AGNT | BUCHU LEAVES, OIL | FEMA 2169 |
| | | | | CASSIE, ABSOLUTE | FEMA 2260 |
| | | | | CATECHU, EXTRACT | FEMA 2264 |
| | | | | CEDAR LEAF, OIL | FEMA 2267 |
| | | | | CHERRY LAUREL OIL, FFPA | FEMA 2277 |
| | | | | CHERRY PITS, EXTRACT | FEMA 2278 |
| | | | | CINCHONA BARK, RED, EXT | FEMA 2282 |
| | | | | CINCHONA BARK, YELLOW | FEMA 2283 |
| | | | | CINCHONA BARK, YEL, EXT | FEMA 2284 |
| | | | | CINCHONA, EXTRACT | FEMA 2285 |
| | | | | COSTUS ROOT, OIL | FEMA 2336 |
| | | | | CUBEBS, OIL | FEMA 2339 |
| | | | | CURRANT BUDS, BLACK, ABS | FEMA 2346 |
| | | | | DAVANA, OIL | FEMA 2359 |
| | | | | DITTANY OF CRETE | FEMA 2399 |
| | | | | ELEMI, GUM | FEMA 2407 |
| | | | | ELEMI, OIL | FEMA 2408 |
| | | | | EUCALYPTUS, OIL | FEMA 2466 |
| | | | | GALBANUM, OIL | FEMA 2501 |
| | | | | GENET, ABSOLUTE | FEMA 2504 |
| | | | | GENET, EXTRACT | FEMA 2505 |
| | | | | GENTIAN ROOT, EXTRACT | FEMA 2506 |
| | | | | GUAIAC WOOD, EXTRACT | FEMA 2533 |
| | | | | GUAIAC WOOD, OIL | FEMA 2534 |
| | | | | GUARANA, GUM | FEMA 2536 |
| | | | | HAW BARK, BLACK, EXT | FEMA 2538 |
| | | | | LABDANUM, ABSOLUTE | FEMA 2608 |
| | | | | LABDANUM, OIL | FEMA 2609 |
| | | | | LABDANUM, OLEORESIN | FEMA 2610 |
| | | | | LINALOE WOOD, OIL | FEMA 2634 |
| | | | | LOVAGE | FEMA 2649 |
| | | | | LOVAGE, EXTRACT | FEMA 2650 |
| | | | | LOVAGE, OIL | FEMA 2651 |
| | | | | MIMOSA, ABSOLUTE | FEMA 2755 |
| | | | | MT MAPLE, EXT SOLID | FEMA 2757 |
| | | | | MYRRH, OIL | FEMA 2766 |
| | | | | OAK CHIPS, EXTRACT | FEMA 2794 |
| | | | | OAK MOSS, ABSOLUTE | FEMA 2795 |
| | | | | OLIBANUM, OIL | FEMA 2816 |
| | | | | ORRIS, CONCRETE, LIQ/OIL | FEMA 2829 |
| | | | | ORRIS ROOT EXTRACT | FEMA 2830 |
| | | | | PATCHOULY, OIL | FEMA 2838 |
| | | | | PENNYROYAL, OIL | FEMA 2839 |
| | | | | PINE NEED, DWARF, OIL | FEMA 2904 |
| | | | | PINE, SCOTCH, OIL | FEMA 2906 |
| | | | | QUASSIA, EXTRACT | FEMA 2971 |
| | | | | QUEBRACHO BARK, EXTRACT | FEMA 2972 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 24 | BEV TYPE II(R) | 11 | FLAV AGNT | QUILLAJA | NAS 0399 | FEMA 2973 |
| | | | | RHATANY, EXTRACT | | FEMA 2979 |
| | | | | SANDALWOOD, YELLOW, OIL | | FEMA 3005 |
| | | | | SNAKEROOT, CANADIAN, OIL | | FEMA 3023 |
| | | | | SPRUCE, OIL | | FEMA 3034 |
| | | | | STORAX | | FEMA 3036 |
| | | | | STYRAX, EXTRACT | | FEMA 3037 |
| | | | | TAGETES, OIL | | FEMA 3040 |
| | | | | TOLU, BALSAM, EXTRACT | | FEMA 3069 |
| | | | | TOLU, BALSAM, GUM | | FEMA 3070 |
| | | | | TURPENTINE, STEAM DIS | | FEMA 3089 |
| | | | | VALERIAN ROOT, EXTR | | FEMA 3099 |
| | | | | VALERIAN ROOT, OIL | | FEMA 3100 |
| | | | | WALNUT HULL, EXTRACT | | FEMA 3111 |
| | | | | WORMWOOD | | FEMA 3114 |
| | | | | WORMWOOD, EXTRACT | | FEMA 3115 |
| | | | | WORMWOOD, OIL | | FEMA 3116 |
| | | | | YARROW, HERB | | FEMA 3117 |
| | | | | YERBA SANTA, FLU EXTR | | FEMA 3118 |
| | | | | ARNICA, FLOWERS | | FEMA 3256 |
| | | | | ARTICHOKE, LEAVES | | FEMA 3257 |
| | | | | BOLDUS(BOLDO)LEAVES | | FEMA 3262 |
| | | | | CALUMBA, ROOT | | FEMA 3265 |
| | | | | CENTAURY | | FEMA 3272 |
| | | | | CHESTNUT, LEAVES EXTR | | FEMA 3273 |
| | | | | CHIRATA | | FEMA 3274 |
| | | | | COPAIBA | | FEMA 3280 |
| | | | | CORK, OAK | | FEMA 3281 |
| | | | | DAMIANA, LEAVES | | FEMA 3288 |
| | | | | ELECAMPANE, RIEIZ/ROOT | | FEMA 3294 |
| | | | | GENTIAN, STEMLESS | | FEMA 3304 |
| | | | | LEMON, VERBENA | | FEMA 3327 |
| | | | | LUNGMOSS (LUNGWORT) | | FEMA 3331 |
| | | | | OPOPANAX | | FEMA 3365 |
| | | | | PASSION FLOWER,HERB EXT | | FEMA 3367 |
| | | | | RHUBARB, ROOT | | FEMA 3382 |
| | | | | ROSELLE | | FEMA 3383 |
| | | | | ST. JOHNSWORT | | FEMA 3385 |
| | | | | SERPENTARIA | | FEMA 3389 |
| | | | | SIMARUBA, BARK | | FEMA 3390 |
| | | | | VERONICA | | FEMA 3404 |
| | | | | VERVAIN, EUROPEAN | | FEMA 3405 |
| | | | | VETIVER | | FEMA 3406 |
| | | | | VIOLET, SWISS | | FEMA 3407 |
| | | | | WOODRUFF, SWEET | | FEMA 3408 |
| | | | | ACETAL | | FEMA 2002 |
| | | | | ACETALDEHYDE PHENETHYL PR | | FEMA 2004 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 24 | BEV TYPE II(R) | 11 | FLAV AGNT | ACETANISOLE | FEMA 2005 |
| | | | | ACETOPHENONE | FEMA 2009 |
| | | | | ALLYL ANTHRANILATE | FEMA 2020 |
| | | | | ALLYL BUTYRATE | FEMA 2021 |
| | | | | ALLYL CINNAMATE | FEMA 2022 |
| | | | | ALLYL CYCLOHEXANEACETATE | FEMA 2023 |
| | | | | ALLYL CYCLOHEXANEBUTYRATE | FEMA 2024 |
| | | | | ALLYL CYCLOHEXANEHEXANOAT | FEMA 2025 |
| | | | | ALLYL CYCLOHEXANEPROPIONA | FEMA 2026 |
| | | | | ALLYL CYCLOHEXANEVALERATE | FEMA 2027 |
| | | | | DIALLYL DISULFIDE | FEMA 2028 |
| | | | | ALLYL 2-ETHYLBUTYRATE | FEMA 2029 |
| | | | | ALLYL HEXANOATE | FEMA 2032 |
| | | | | ALLYL A&-IONONE | FEMA 2033 |
| | | | | ALLYL MERCAPTAN | FEMA 2035 |
| | | | | ALLYL NONANOATE | FEMA 2036 |
| | | | | ALLYL OCTANOATE | FEMA 2037 |
| | | | | ALLYL PHENOXYACETATE | FEMA 2038 |
| | | | | ALLYL PHENYLACETATE | FEMA 2039 |
| | | | | ALLYL PROPIONATE | FEMA 2040 |
| | | | | DIALLYL SULFIDE | FEMA 2042 |
| | | | | ALLYL 1-UNDECENOATE | FEMA 2044 |
| | | | | ALLYL ISOVALERATE | FEMA 2045 |
| | | | | ISOAMYL ACETATE | FEMA 2055 |
| | | | | AMYL ALCOHOL | FEMA 2056 |
| | | | | ISOAMYL ALCOHOL | FEMA 2057 |
| | | | | ISOAMYL BENZOATE | FEMA 2058 |
| | | | | AMYL BUTYRATE | FEMA 2059 |
| | | | | ISOAMYL BUTYRATE | FEMA 2060 |
| | | | | A&-AMYLCINNAMALDEHYDE | FEMA 2061 |
| | | | | ISOAMYL CINNAMATE | FEMA 2063 |
| | | | | A&-AMYLCINNAMYL ACETATE | FEMA 2064 |
| | | | | A&-AMYLCINNAMYL ALCOHOL | FEMA 2065 |
| | | | | A&-AMYLCINNAMYL FORMATE | FEMA 2066 |
| | | | | A&-AMYLCINNAMYL ISOVALER | FEMA 2067 |
| | | | | AMYL FORMATE | FEMA 2068 |
| | | | | ISOAMYL FORMATE | FEMA 2069 |
| | | | | ISOAMYL 2-FURANBUTYRATE | FEMA 2070 |
| | | | | ISOAMYL 2-FURANPROPIONATE | FEMA 2071 |
| | | | | AMYL HEPTANOATE | FEMA 2073 |
| | | | | AMYL HEXANOATE | FEMA 2074 |
| | | | | ISOAMYL HEXANOATE | FEMA 2075 |
| | | | | ISOAMYL NONANOATE | FEMA 2078 |
| | | | | ISOAMYL OCTANOATE | FEMA 2080 |
| | | | | ISOAMYL PHENYLACETATE | FEMA 2081 |
| | | | | ISOAMYL PROPIONATE | FEMA 2082 |
| | | | | ISOAMYL SALICYLATE | FEMA 2084 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 24 | BEV TYPE II(R) | 11 | FLAV AGNT | ISOAMYL ISOVALERATE | FEMA 2085 |
| | | | | ANISYL ACETATE | FEMA 2096 |
| | | | | ANISYL ALCOHOL | FEMA 2099 |
| | | | | ANISYL BUTYRATE | FEMA 2100 |
| | | | | ANISYL FORMATE | FEMA 2101 |
| | | | | ANISYL PROPIONATE | FEMA 2102 |
| | | | | BENZALDEHYDE DIME ACETAL | FEMA 2128 |
| | | | | BENZALD. GLYCERYL ACETAL | FEMA 2129 |
| | | | | BENZALD PROPYLENE GLYC | FEMA 2130 |
| | | | | BENZOIN | FEMA 2132 |
| | | | | BENZYL ACETATE | FEMA 2135 |
| | | | | BENZYL ACETOACETATE | FEMA 2136 |
| | | | | BENZYL ALCOHOL | FEMA 2137 |
| | | | | BENZYL BENZOATE | FEMA 2138 |
| | | | | BENZYL BUTYRATE | FEMA 2140 |
| | | | | BENZYL ISOBUTYRATE | FEMA 2141 |
| | | | | BENZYL CINNAMATE | FEMA 2142 |
| | | | | BENZYL FORMATE | FEMA 2145 |
| | | | | BENZYL MERCAPTAN | FEMA 2147 |
| | | | | BENZYL PHENYLACETATE | FEMA 2149 |
| | | | | BENZYL PROPIONATE | FEMA 2150 |
| | | | | BENZYL ISOVALERATE | FEMA 2152 |
| | | | | BOIS DE ROSE, OIL | FEMA 2156 |
| | | | | 2-BUTANONE | FEMA 2170 |
| | | | | BUTYL ACETATE | FEMA 2174 |
| | | | | ISOBUTYL ACETATE | FEMA 2175 |
| | | | | BUTYL ALCOHOL | FEMA 2178 |
| | | | | ISOBUTYL ALCOHOL | FEMA 2179 |
| | | | | BUTYL ANTHRANILATE | FEMA 2181 |
| | | | | ISOBUTYL ANTHRANILATE | FEMA 2182 |
| | | | | BUTYL BUTYRATE | FEMA 2186 |
| | | | | ISOBUTYL BUTYRATE | FEMA 2187 |
| | | | | BUTYL ISOBUTYRATE | FEMA 2188 |
| | | | | ISOBUTYL ISOBUTYRATE | FEMA 2189 |
| | | | | BUTYL BUTYRYLLACTATE | FEMA 2190 |
| | | | | BUTYL CINNAMATE | FEMA 2192 |
| | | | | ISOBUTYL CINNAMATE | FEMA 2193 |
| | | | | BUTYL FORMATE | FEMA 2196 |
| | | | | ISOBUTYL FORMATE | FEMA 2197 |
| | | | | ISOBUTYL 2-FURANPROPIONAT | FEMA 2198 |
| | | | | BUTYL HEXANOATE | FEMA 2201 |
| | | | | A&-ISOBUTYLPHENETHYL ALCO | FEMA 2208 |
| | | | | BUTYL PROPIONATE | FEMA 2211 |
| | | | | ISOBUTYL PROPIONATE | FEMA 2212 |
| | | | | BUTYL STEARATE | FEMA 2214 |
| | | | | BUTYL 10-UNDECENOATE | FEMA 2216 |
| | | | | BUTYRALDEHYDE | FEMA 2219 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 24 | BEV TYPE III(R) | 11 | FLAV AGNT | ISOBUTYRALDEHYDE | FEMA 2220 |
| | | | | /&/-CAMPHOR | FEMA 2230 |
| | | | | CARVACROL | FEMA 2245 |
| | | | | CARVYL ACETATE | FEMA 2250 |
| | | | | B&-CARYOPHYLLENE | FEMA 2252 |
| | | | | CINNAMIC ACID | FEMA 2288 |
| | | | | CINNAMYL ACETATE | FEMA 2293 |
| | | | | CINNAMYL ALCOHOL | FEMA 2294 |
| | | | | CINNAMYL ANTHRANILATE | FEMA 2295 |
| | | | | CINNAMYL BUTYRATE | FEMA 2296 |
| | | | | CINNAMYL ISOBUTYRATE | FEMA 2297 |
| | | | | CINNAMYL CINNAMATE | FEMA 2298 |
| | | | | CINNAMYL FORMATE | FEMA 2299 |
| | | | | CINNAMYL PHENYLACETATE | FEMA 2300 |
| | | | | CINNAMYL PROPIONATE | FEMA 2301 |
| | | | | CINNAMYL ISOVALERATE | FEMA 2302 |
| | | | | CITRAL DIETHYL ACETAL | FEMA 2304 |
| | | | | CITRAL DIMETHYL ACETAL | FEMA 2305 |
| | | | | CITRONELLAL | FEMA 2307 |
| | | | | DL-CITRONELLOL | FEMA 2309 |
| | | | | CITRONELLOXYACETALDEHYDE | FEMA 2310 |
| | | | | CITRONELLYL ACETATE | FEMA 2311 |
| | | | | CITRONELLYL BUTYRATE | FEMA 2312 |
| | | | | CITRONELLYL ISOBUTYRATE | FEMA 2313 |
| | | | | CITRONELLYL FORMATE | FEMA 2314 |
| | | | | CITRONELLYL PHENYLACETATE | FEMA 2315 |
| | | | | CITRONELLYL PROPRIONATE | FEMA 2316 |
| | | | | CITRONELLYL VALERATE | FEMA 2317 |
| | | | | P@-CRESOL | FEMA 2337 |
| | | | | CUMINALDEHYDE | FEMA 2341 |
| | | | | CYCLOHEXYL ACETATE | FEMA 2349 |
| | | | | CYCLOHEXYL ANTHRANILATE | FEMA 2350 |
| | | | | CYCLOHEXYL BUTYRATE | FEMA 2351 |
| | | | | CYCLOHEXYL CINNAMATE | FEMA 2352 |
| | | | | CYCLOHEXYL FORMATE | FEMA 2353 |
| | | | | CYCLOHEXYL PROPIONATE | FEMA 2354 |
| | | | | CYCLOHEXYL ISOVALERATE | FEMA 2355 |
| | | | | P@-CYMENE | FEMA 2356 |
| | | | | G&-DECALACTONE | FEMA 2360 |
| | | | | D&-DECALACTONE | FEMA 2361 |
| | | | | DECANAL DIMETHYL ACETAL | FEMA 2363 |
| | | | | 1-DECANOL | FEMA 2365 |
| | | | | 2-DECENAL | FEMA 2366 |
| | | | | DECYL ACETATE | FEMA 2367 |
| | | | | DIETHYL MALATE | FEMA 2374 |
| | | | | DIETHYL MALONATE | FEMA 2375 |
| | | | | DIETHYL SEBACATE | FEMA 2376 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 24 | BEV TYPE II(A) | 11 | FLAV AGNT | DIETHYL SUCCINATE | FEMA 2377 |
| | | | | DIHYDROCARVEOL | FEMA 2379 |
| | | | | DIHYDROCARVYL ACETATE | FEMA 2380 |
| | | | | M@-DIMETHOXYBENZENE | FEMA 2385 |
| | | | | 2,4-DIMETHYLACETOPHENONE | FEMA 2387 |
| | | | | A&-DIMETHYLBENZYL ISOBUTY | FEMA 2388 |
| | | | | A&-DIMETHYLPHENETHYL ACET | FEMA 2392 |
| | | | | A&-DIMETHYLPHENETHYL BUTY | FEMA 2394 |
| | | | | G&-DODECALACTONE | FEMA 2400 |
| | | | | D&-DODECALACTONE | FEMA 2401 |
| | | | | 2-DODECENAL | FEMA 2402 |
| | | | | ESTRAGOLE | FEMA 2411 |
| | | | | ETHYL ACETOACETATE | FEMA 2415 |
| | | | | ETHYL ACONITATE | FEMA 2417 |
| | | | | ETHYL ACRYLATE | FEMA 2418 |
| | | | | ETHYL ANTHRANILATE | FEMA 2421 |
| | | | | ETHYL BENZOATE | FEMA 2422 |
| | | | | ETHYL ISOBUTYRATE | FEMA 2428 |
| | | | | ETHYL CINNAMATE | FEMA 2430 |
| | | | | ETHYL CYCLOHEXANEPROPIONA | FEMA 2431 |
| | | | | ETHYL DECANOATE | FEMA 2432 |
| | | | | ETHYL 2-FURANPROPIONATE | FEMA 2435 |
| | | | | 4-ETHYLGUAIACOL | FEMA 2436 |
| | | | | ETHYL HEPTANOATE | FEMA 2437 |
| | | | | ETHYL HEXANOATE | FEMA 2439 |
| | | | | ETHYL LACTATE | FEMA 2440 |
| | | | | ETHYL LAURATE | FEMA 2441 |
| | | | | ETHYL LEVULINATE | FEMA 2442 |
| | | | | ETHYL 2-METHYLBUTYRATE | FEMA 2443 |
| | | | | ETHYL MYRISTATE | FEMA 2445 |
| | | | | ETHYL NITRITE | FEMA 2446 |
| | | | | ETHYL NONANOATE | FEMA 2447 |
| | | | | ETHYL 2-NONYNOATE | FEMA 2448 |
| | | | | ETHYL OCTANOATE | FEMA 2449 |
| | | | | ETHYL PHENYLACETATE | FEMA 2452 |
| | | | | ETHYL PROPIONATE | FEMA 2456 |
| | | | | ETHYL PYRUVATE | FEMA 2457 |
| | | | | ETHYL SALICYLATE | FEMA 2458 |
| | | | | ETHYL VALERATE | FEMA 2462 |
| | | | | ETHYL ISOVALERATE | FEMA 2463 |
| | | | | EUCALYPTOL | FEMA 2465 |
| | | | | ISOEUGENOL | FEMA 2468 |
| | | | | FARNESOL | FEMA 2478 |
| | | | | /&/-FENCHONE | FEMA 2479 |
| | | | | FORMIC ACID | FEMA 2487 |
| | | | | ISOAMYL FUSEL OIL | FEMA 2497 |
| | | | | GERANYL BUTYRATE | FEMA 2512 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 24 | BEV TYPE II(R) | 11 | FLAV AGNT | GERANYL ISOBUTYRATE | FEMA 2513 |
| | | | | GERANYL FORMATE | FEMA 2514 |
| | | | | GERANYL HEXANOATE | FEMA 2515 |
| | | | | GERANYL PHENYLACETATE | FEMA 2516 |
| | | | | GERANYL PROPIONATE | FEMA 2517 |
| | | | | GERANYL ISOVALERATE | FEMA 2518 |
| | | | | GUAIACOL | FEMA 2532 |
| | | | | GE-HEPTALACTONE | FEMA 2539 |
| | | | | 2-HEPTANONE | FEMA 2544 |
| | | | | 4-HEPTANONE | FEMA 2546 |
| | | | | HEPTYL ACETATE | FEMA 2547 |
| | | | | HE-6-HEXADECENLACTONE | FEMA 2555 |
| | | | | GE-HEXALACTONE | FEMA 2556 |
| | | | | HEXANAL | FEMA 2557 |
| | | | | 2,3-HEXANEDIONE | FEMA 2558 |
| | | | | 2-HEXENAL | FEMA 2560 |
| | | | | HEXYL ACETATE | FEMA 2565 |
| | | | | HEXYL ALCOHOL | FEMA 2567 |
| | | | | HEXYL BUTYRATE | FEMA 2568 |
| | | | | HEXYL FORMATE | FEMA 2570 |
| | | | | HEXYL HEXANOATE | FEMA 2572 |
| | | | | HEXYL PROPIONATE | FEMA 2576 |
| | | | | HYDROXYCITRONELLAL | FEMA 2583 |
| | | | | HYDROXYCITRONELLAL DIETHY | FEMA 2584 |
| | | | | HYDROXYCITRONELLOL | FEMA 2586 |
| | | | | INDOLE | FEMA 2593 |
| | | | | AE-IONONE | FEMA 2594 |
| | | | | BE-IONONE | FEMA 2595 |
| | | | | AE-IRONE | FEMA 2597 |
| | | | | LAURIC ALDEHYDE | FEMA 2615 |
| | | | | LEVULINIC ACID | FEMA 2627 |
| | | | | LINALYL ANTHRANILATE | FEMA 2637 |
| | | | | LINALYL BENZOATE | FEMA 2638 |
| | | | | LINALYL BUTYRATE | FEMA 2639 |
| | | | | LINALYL ISOBUTYRATE | FEMA 2640 |
| | | | | LINALYL CINNAMATE | FEMA 2641 |
| | | | | LINALYL FORMATE | FEMA 2642 |
| | | | | LINALYL HEXANOATE | FEMA 2643 |
| | | | | LINALYL OCTANOATE | FEMA 2644 |
| | | | | LINALYL PROPIONATE | FEMA 2645 |
| | | | | LINALYL ISOVALERATE | FEMA 2646 |
| | | | | MALTOL | FEMA 2656 |
| | | | | /E/-NEOMENTHOL | FEMA 2666 |
| | | | | MENTHONE | FEMA 2667 |
| | | | | MENTHYL ISOVALERATE | FEMA 2669 |
| | | | | P@-METHOXYBENZALDEHYDE | FEMA 2670 |
| | | | | 1-P-METHOXYPHEN-1-PENTENO | FEMA 2673 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FCDD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 24 | BEV TYPE II(R) | 11 | FLAV AGNT | METHYL ACETATE | FEMA 2676 |
| | | | | P@-METHYL ACETOPHENONE | FEMA 2677 |
| | | | | P&-METHYLANISOLE | FEMA 2681 |
| | | | | METHYL BENZOATE | FEMA 2683 |
| | | | | A&-METHYLBENZYL ACETATE | FEMA 2684 |
| | | | | A&-METHYLBENZYL BUTYRATE | FEMA 2686 |
| | | | | A&-METHYLBENZYL ISOBUTYRA | FEMA 2687 |
| | | | | A&-METHYLBENZYL FORMATE | FEMA 2688 |
| | | | | A&-METHYLBENZYL PROPIONAT | FEMA 2689 |
| | | | | METHYL P&-TERT-BUTYLPHENY | FEMA 2690 |
| | | | | 2-METHYLBUTYRALDEHYDE | FEMA 2691 |
| | | | | METHYL BUTYRATE | FEMA 2693 |
| | | | | METHYL ISOBUTYRATE | FEMA 2694 |
| | | | | 2-METHYLBUTYRIC ACID | FEMA 2695 |
| | | | | A&-METHYLCINNAMALDEHYDE | FEMA 2697 |
| | | | | METHYL CINNAMATE | FEMA 2698 |
| | | | | METHYLCYCLOPENTENOLONE | FEMA 2700 |
| | | | | METHYL HEPTANOATE | FEMA 2705 |
| | | | | 6-METHYL-5-HEPTENONE-2 | FEMA 2707 |
| | | | | METHYL HEXANOATE | FEMA 2708 |
| | | | | METHYL 2-HEXENOATE | FEMA 2709 |
| | | | | METHYL-A&-IONONE | FEMA 2711 |
| | | | | METHYL-B&-IONONE | FEMA 2712 |
| | | | | METHYL-D&-IONONE | FEMA 2713 |
| | | | | METHYL MERCAPTAN | FEMA 2716 |
| | | | | METHYL O@-METHOXYBENZOATE | FEMA 2717 |
| | | | | METHYL N-METHYLANTHRANILA | FEMA 2718 |
| | | | | METHYL 2-METHYLBUTYRATE | FEMA 2719 |
| | | | | METHYL 3-METHYLTHIOPROPIO | FEMA 2720 |
| | | | | METHYL B&-NAPHTHYL KETONE | FEMA 2723 |
| | | | | METHYL NONANOATE | FEMA 2724 |
| | | | | METHYL 2-NONYNOATE | FEMA 2726 |
| | | | | METHYL OCTANOATE | FEMA 2728 |
| | | | | METHYL 2-OCTYNOATE | FEMA 2729 |
| | | | | METHYL PHENYLACETATE | FEMA 2733 |
| | | | | 4-METHYL-1-PHENYLPENTANON | FEMA 2740 |
| | | | | METHYL 3-PHENYLPROPIONATE | FEMA 2741 |
| | | | | METHYL PROPIONATE | FEMA 2742 |
| | | | | DIMETHYL SULFIDE | FEMA 2746 |
| | | | | 2-METHYLTHIOPROPIONALDEHY | FEMA 2747 |
| | | | | 2-METHYLUNDECANAL | FEMA 2749 |
| | | | | METHYL 2-UNDECYNOATE | FEMA 2751 |
| | | | | METHYL ISOVALERATE | FEMA 2753 |
| | | | | MYRCENE | FEMA 2762 |
| | | | | NEROL | FEMA 2770 |
| | | | | NERYL ACETATE | FEMA 2773 |
| | | | | NERYL BUTYRATE | FEMA 2774 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 24 | BEV TYPE II(R) | 11 | FLAV AGNT | NERYL ISOBUTYRATE | FEMA 2775 |
| | | | | NERYL FORMATE | FEMA 2776 |
| | | | | NERYL PROPIONATE | FEMA 2777 |
| | | | | NERYL ISOVALERATE | FEMA 2778 |
| | | | | 2,6-NONADIENOL-1 | FEMA 2780 |
| | | | | G&-NONALACTONE | FEMA 2781 |
| | | | | NONANAL | FEMA 2782 |
| | | | | 1,3-NONANEDIOL ACETATE | FEMA 2783 |
| | | | | NONANOIC ACID | FEMA 2784 |
| | | | | 2-NONANONE | FEMA 2785 |
| | | | | NONYL ACETATE | FEMA 2788 |
| | | | | G&-OCTALACTONE | FEMA 2796 |
| | | | | OCTANAL | FEMA 2797 |
| | | | | 2-OCTANONE | FEMA 2802 |
| | | | | 1-OCTENOL-3 | FEMA 2805 |
| | | | | OCTYL ACETATE | FEMA 2806 |
| | | | | OCTYL BUTYRATE | FEMA 2807 |
| | | | | OCTYL ISOBUTYRATE | FEMA 2808 |
| | | | | OCTYL FORMATE | FEMA 2809 |
| | | | | OCTYL OCTANOATE | FEMA 2811 |
| | | | | OCTYL PHENYLACETATE | FEMA 2812 |
| | | | | W&-PENTADECALACTONE | FEMA 2840 |
| | | | | 2,3-PENTANEDIONE | FEMA 2841 |
| | | | | A&-PHELLANDRENE | FEMA 2856 |
| | | | | PHENETHYL ACETATE | FEMA 2857 |
| | | | | PHENETHYL ALCOHOL | FEMA 2858 |
| | | | | PHENETHYL ANTHRANILATE | FEMA 2859 |
| | | | | PHENETHYL BENZOATE | FEMA 2860 |
| | | | | PHENETHYL BUTYRATE | FEMA 2861 |
| | | | | PHENETHYL ISOBUTYRATE | FEMA 2862 |
| | | | | PHENETHYL CINNAMATE | FEMA 2863 |
| | | | | PHENETHYL FORMATE | FEMA 2864 |
| | | | | PHENETHYL PHENYLACETATE | FEMA 2866 |
| | | | | PHENETHYL PROPIONATE | FEMA 2867 |
| | | | | PHENETHYL SALICYLATE | FEMA 2868 |
| | | | | PHENETHYL SENECIOATE | FEMA 2869 |
| | | | | PHENETHYL TIGLATE | FEMA 2870 |
| | | | | PHENETHYL ISOVALERATE | FEMA 2871 |
| | | | | PHENOXYACETIC ACID | FEMA 2872 |
| | | | | 2-PHENOXYETHYL ISOBUTYRAT | FEMA 2873 |
| | | | | PHENYLACETALDEHYDE | FEMA 2874 |
| | | | | PHENYLACETALDEHYDE DIMETH | FEMA 2876 |
| | | | | PH-ACETALD. GLYCERYL ACET | FEMA 2877 |
| | | | | PHENYLACETIC ACID | FEMA 2878 |
| | | | | 4-PHENYL-3-BUTENONE-2 | FEMA 2881 |
| | | | | 4-PHENYLBUTYL-2 ACETATE | FEMA 2882 |
| | | | | 1-PHENYL-3-METHYLPENTANOL | FEMA 2883 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 24 | BEV TYPE II(R) | 11 | FLAV AGNT | 3-PHENYLPROPANOL-1 | | FEMA 2885 |
| | | | | 2-PHENYLPROPIONALDEHYDE | | FEMA 2886 |
| | | | | 3-PHENYLPROPIONALDEHYDE | | FEMA 2887 |
| | | | | 2-PHENYLPROPIONALD DIMET | | FEMA 2888 |
| | | | | 3-PHENYLPROPIONIC ACID | | FEMA 2889 |
| | | | | 3-PHENYLPROPYL ACETATE | | FEMA 2890 |
| | | | | 2-PHENYLPROPYL BUTYRATE | | FEMA 2891 |
| | | | | 2-PHENYLPROPYL ISOBUTYRAT | | FEMA 2892 |
| | | | | 3-PHENYLPROPYL ISOBUTYRAT | | FEMA 2893 |
| | | | | 3-PHENYLPROPYL PROPIONATE | | FEMA 2897 |
| | | | | 2-/3-PHENYLPROPYL/-TETRAH | | FEMA 2898 |
| | | | | 3-PHENYLPROPYL ISOVALERAT | | FEMA 2899 |
| | | | | A&-PINENE | | FEMA 2902 |
| | | | | NOPINENE | | FEMA 2903 |
| | | | | PINE TAR, OIL | | FEMA 2907 |
| | | | | PIPERIDINE | | FEMA 2908 |
| | | | | PIPERINE | | FEMA 2909 |
| | | | | /&/-PIPERITONE | | FEMA 2910 |
| | | | | PIPERONYL ACETATE | | FEMA 2912 |
| | | | | PIPERONYL ISOBUTYRATE | | FEMA 2913 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | PROPENYLGUAETHOL | | FEMA 2922 |
| | | | | PROPIONALDEHYDE | | FEMA 2923 |
| | | | | PROPYL ACETATE | | FEMA 2925 |
| | | | | ISOPROPYL ACETATE | | FEMA 2926 |
| | | | | PROPYL ALCOHOL | | FEMA 2928 |
| | | | | ISOPROPYL ALCOHOL | | FEMA 2929 |
| | | | | P&-PROPYL ANISOLE | | FEMA 2930 |
| | | | | P&-ISOPROPYLBENZYL ALCOHO | | FEMA 2933 |
| | | | | PROPYL BUTYRATE | | FEMA 2934 |
| | | | | ISOPROPYL BUTYRATE | | FEMA 2935 |
| | | | | PROPYL ISOBUTYRATE | | FEMA 2936 |
| | | | | ISOPROPYL ISOBUTYRATE | | FEMA 2937 |
| | | | | PROPYL CINNAMATE | | FEMA 2938 |
| | | | | ISOPROPYL CINNAMATE | | FEMA 2939 |
| | | | | PROPYL FORMATE | | FEMA 2943 |
| | | | | ISOPROPYL FORMATE | | FEMA 2944 |
| | | | | PROPYL PHENYLACETATE | | FEMA 2955 |
| | | | | ISOPROPYL PHENYLACETATE | | FEMA 2956 |
| | | | | 3 P-ISOPROPYL-PHENYLPROPI | | FEMA 2957 |
| | | | | PROPYL PROPIONATE | | FEMA 2958 |
| | | | | ISOPROPYL PROPIONATE | | FEMA 2959 |
| | | | | PROPYL ISOVALERATE | | FEMA 2960 |
| | | | | ISOPROPYL ISOVALERATE | | FEMA 2961 |
| | | | | ISOPULEGOL | | FEMA 2962 |
| | | | | PULEGONE | | FEMA 2963 |
| | | | | ISOPULEGONE | | FEMA 2964 |

TABLE 10 -- SUBSTANCES (GROUP 1-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 24 | BEV TYPE III(K) | 11 | FLAV AGNT | ISOPULEGYL ACETATE | | FEMA 2965 |
| | | | | PYRIDINE | | FEMA 2966 |
| | | | | PYROLIGNEOUS ACID, EXT | | FEMA 2968 |
| | | | | PYRUVIC ACID | | FEMA 2970 |
| | | | | ISOQUINOLINE | | FEMA 2978 |
| | | | | RHODINOL | | FEMA 2980 |
| | | | | RHODINYL ACETATE | | FEMA 2981 |
| | | | | RHODINYL BUTYRATE | | FEMA 2982 |
| | | | | RHODINYL ISOBUTYRATE | | FEMA 2983 |
| | | | | RHODINYL FORMATE | | FEMA 2984 |
| | | | | RHODINYL PHENYLACETATE | | FEMA 2985 |
| | | | | RHODINYL PROPIONATE | | FEMA 2986 |
| | | | | RHODINYL ISOVALERATE | | FEMA 2987 |
| | | | | ETHYL OXYHYDRATE | NAS 0379 | FEMA 2996 |
| | | | | SALICYLALDEHYDE | | FEMA 3004 |
| | | | | SANTALOL | | FEMA 3006 |
| | | | | SANTALYL ACETATE | | FEMA 3007 |
| | | | | SANTALYL PHENYL-ACE | | FEMA 3008 |
| | | | | SKATOLE | | FEMA 3019 |
| | | | | SUCROSE OCTAACETATE | | FEMA 3038 |
| | | | | AE-TERPINEOL | | FEMA 3045 |
| | | | | TERPINOLENE | | FEMA 3046 |
| | | | | TERPINYL ACETATE | | FEMA 3047 |
| | | | | TERPINYL ANTHRANILATE | | FEMA 3048 |
| | | | | TERPINYL BUTYRATE | | FEMA 3049 |
| | | | | TERPINYL ISOBUTYRATE | | FEMA 3050 |
| | | | | TERPINYL CINNAMATE | | FEMA 3051 |
| | | | | TERPINYL FORMATE | | FEMA 3052 |
| | | | | TERPINYL PROPIONATE | | FEMA 3053 |
| | | | | TERPINYL ISOVALERATE | | FEMA 3054 |
| | | | | TETRAHYDROFURFURYL ACETAT | | FEMA 3055 |
| | | | | TETRAHYDROFURFURYL ALCOHO | | FEMA 3056 |
| | | | | TETRAHYDROFURFURYL BUTYRA | | FEMA 3057 |
| | | | | TETRAHYDROFURFURYL PROPIO | | FEMA 3058 |
| | | | | TETRAHYDROLINALOOL | | FEMA 3060 |
| | | | | THYMOL | | FEMA 3066 |
| | | | | TOLUALD. GLYCERYL ACETAL | | FEMA 3067 |
| | | | | TOLUALDEHYDES | | FEMA 3068 |
| | | | | P-TOLYLACETALDEHYDE | | FEMA 3071 |
| | | | | O-TOLYL ACETATE | | FEMA 3072 |
| | | | | P-TOLYL ACETATE | | FEMA 3073 |
| | | | | P-TOLYL ISOBUTYRATE | | FEMA 3075 |
| | | | | P-TOLYL PHENYLACETATE | | FEMA 3077 |
| | | | | Z-P-TOLYL PROPIONALDEHYD | | FEMA 3078 |
| | | | | GE-UNDECALACTONE | | FEMA 3091 |
| | | | | UNDECANAL | | FEMA 3092 |
| | | | | UNDECYL ALCOHOL | | FEMA 3097 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 24 | BEV TYPE II(A) | 11 | FLAV AGNT | VALERALDEHYDE | FEMA 3098 |
| | | | | VALERIC ACID | FEMA 3101 |
| | | | | ISOVALERIC ACID | FEMA 3102 |
| | | | | VANILLIN ACETATE | FEMA 3108 |
| | | | | VERATRALDEHYDE | FEMA 3109 |
| | | | | ZINGERONE | FEMA 3124 |
| | | | | H6-6-IPROPENL-4,4A-ME2-NA | FEMA 3166 |
| | | | | OM-METHOXYCINNAMALDEHYDE | FEMA 3181 |
| | | | | PROPYL DISULFIDE | FEMA 3228 |
| | | | | ISO-AMYL ACETOACETATE | FEMA 3252 |
| | | | | ISO-AMYL ISO-BUTYRATE | FEMA 3253 |
| | | | | ANISYL PHENYLACETATE | FEMA 3255 |
| | | | | BEECHWOOD CREOSOTE | FEMA 3259 |
| | | | | THIOPHENOL | FEMA 3260 |
| | | | | CADINENE | FEMA 3263 |
| | | | | CARYOPHYLL ALC ACETATE | FEMA 3266 |
| | | | | BE-CARYOPHYLLENE ALCOHOL | FEMA 3267 |
| | | | | CARYOPHYLIENE ALCOHOL | FEMA 3268 |
| | | | | B-CARYOPHYLL ALC AC | FEMA 3269 |
| | | | | CEDARWOOD OILS, ALC/TERP | FEMA 3270 |
| | | | | CEDRYL ACETATE | FEMA 3271 |
| | | | | 1,4-CINEOLE | FEMA 3275 |
| | | | | CINNAMYL BENZOATE | FEMA 3276 |
| | | | | CITRAL PROP GLY ACETAL | FEMA 3277 |
| | | | | 3-DECEN-2-ONE | FEMA 3289 |
| | | | | 2,5-DIETHYLTETRAHYDFURAN | FEMA 3290 |
| | | | | ETHYL CROTONATE | FEMA 3295 |
| | | | | 2-ETHYL FURAN | FEMA 3297 |
| | | | | ETHYL MALTOL | FEMA 3298 |
| | | | | ETHYL OCTADECANOATE | FEMA 3299 |
| | | | | ETHYL UNDECANOATE | FEMA 3300 |
| | | | | GUAIENE | FEMA 3312 |
| | | | | GUAIOL ACETATE | FEMA 3313 |
| | | | | HEPTANAL-1,2-GLYACETAL | FEMA 3314 |
| | | | | 3-HEPTANOL | FEMA 3315 |
| | | | | 3-HEXENL-2-MEBUTYRATE | FEMA 3316 |
| | | | | 3-HEXYNEL ISO-VALERATE | FEMA 3317 |
| | | | | HEXYL, ISO-VALERATE | FEMA 3318 |
| | | | | HEXYL-2-METHYLBUTYRATE | FEMA 3319 |
| | | | | ISO-JASMONE | FEMA 3325 |
| | | | | LINALOOL OXIDE | FEMA 3328 |
| | | | | P-MENTH-8-EN-2-ONE | FEMA 3337 |
| | | | | PERILLALDEHYDE | FEMA 3340 |
| | | | | ALPHA-TERPINENE | FEMA 3341 |
| | | | | GAMMA-TERPINENE | FEMA 3342 |
| | | | | 2-MEBUTYL ISOVALERATE | FEMA 3347 |
| | | | | METHYL DISULFIDE | FEMA 3350 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 24 | BEV TYPE II(R) | 11 | FLAV AGNT | OCIMENE | | FEMA 3359 |
| | | | | 3-OCTANOL | | FEMA 3360 |
| | | | | 1-PENTEN-3-OL | | FEMA 3369 |
| | | | | PERILLYL ACETATE | | FEMA 3370 |
| | | | | PHENYLALANINE | | FEMA 3371 |
| | | | | PROPYL THIOL | | FEMA 3380 |
| | | | | B-TERPINEOL | | FEMA 3399 |
| | | | | ALLYL 2-FUROATE | | FEMA 2030 |
| | | | | ALLYL HEPTANOATE | | FEMA 2031 |
| | | | | AMYL 2-FUROATE | | FEMA 2072 |
| | | | | ANNATTO, EXTRACT | | FEMA 2103 |
| | | | | BIRCH, SWEET, OIL | | FEMA 2154 |
| | | | | BROMINATED VEG OILS | | FEMA 2168 |
| | | | | CITRUS PEELS, EXTRACT | | FEMA 2318 |
| | | | | COCHINEAL | | FEMA 2330 |
| | | | | DECANOIC ACID | | FEMA 2364 |
| | | | | DIHYDROCOUMARIN | | FEMA 2361 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| | | | | FURFURAL | | FEMA 2489 |
| | | | | FURFURYL ALCOHOL | | FEMA 2491 |
| | | | | FURFURYL MERCAPTAN | | FEMA 2493 |
| | | | | FURYL ACROLEIN | | FEMA 2494 |
| | | | | 4-/2-FURYL/-3-BUTENONE-2 | | FEMA 2495 |
| | | | | CIS-3-HEXENAL | | FEMA 2561 |
| | | | | HEXYL 2-FUROATE | | FEMA 2571 |
| | | | | 2-HEXYL-5-KETO-1,4-DIOXAN | | FEMA 2574 |
| | | | | 6-METHYLCOUMARIN | | FEMA 2699 |
| | | | | METHYL 2-FUROATE | | FEMA 2703 |
| | | | | 2-METHYL-3-FURYLACROLEIN | | FEMA 2704 |
| | | | | METHYL SALICYLATE | | FEMA 2745 |
| | | | | MUSK AMBRETTE | | FEMA 2758 |
| | | | | B&-NAPHTHYL ETHYL ETHER | | FEMA 2768 |
| | | | | NARINGIN | NAS 0485 | FEMA 2769 |
| | | | | PINE NEEDLE, OIL | | FEMA 2905 |
| | | | | PYROLIGNEOUS ACID | | FEMA 2967 |
| | | | | QUININE BISULFATE | | FEMA 2975 |
| | | | | QUININE HYDROCHLORIDE | | FEMA 2976 |
| | | | | QUININE SULFATE | | FEMA 2977 |
| | | | | G&-VALEROLACTONE | | FEMA 3103 |
| | | | | VANILLIN | NAS 0336 | FEMA 3107 |
| | | | | WINTERGREEN, EXTRACT | | FEMA 3112 |
| | | | | WINTERGREEN, OIL | | FEMA 3113 |
| | | | | ACETYLPYRAZINE | | FEMA 3126 |
| | | | | ALLYL METHYL DISULFIDE | | FEMA 3127 |
| | | | | 2-BENZOFURANCARBOXALDEHYD | | FEMA 3128 |
| | | | | 2-ISOBUTYL-3-METHOXYPYRAZ | | FEMA 3132 |
| | | | | 2-ISOBUTYL-3-METHYLPYRAZI | | FEMA 3133 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 24 | BEV TYPE II(R) | 11 | FLAV AGNT | 2T,4T-DECADIENAL | FEMA 3135 |
| | | | | 2,3-DIETHYLPYRAZINE | FEMA 3136 |
| | | | | A&-SINENSAL | FEMA 3141 |
| | | | | P@,A&-DIMETHYLSTYRENE | FEMA 3144 |
| | | | | 2,4-DIMETHYL-5-VINYLTHIAZ | FEMA 3145 |
| | | | | 2-FURFURYL DISULFIDE | FEMA 3146 |
| | | | | 1-ETHYL-2-ACETYLPYRROLE | FEMA 3147 |
| | | | | ETHYL T2-C4-DECADIENOATE | FEMA 3148 |
| | | | | 2-ETHYL-3,5-DIMETHYLPYRAZ | FEMA 3149 |
| | | | | 3-ETHYL-2,6-DIMETHYLPYRAZ | FEMA 3150 |
| | | | | 3-ET-2-HO-2-CYC-PENTENONE | FEMA 3152 |
| | | | | 5-ET-3-HO-4-ME-2/5H/-FURA | FEMA 3153 |
| | | | | 2-ETHYL-5-METHYLPYRAZINE | FEMA 3154 |
| | | | | 3-ETHYL-2-METHYLPYRAZINE | FEMA 3155 |
| | | | | P@-ETHYLPHENOL | FEMA 3156 |
| | | | | FURFURYL METHYL ETHER | FEMA 3159 |
| | | | | FURFURYL METHYL SULFIDE | FEMA 3160 |
| | | | | FURFURYL ISOPROPYL SULFID | FEMA 3161 |
| | | | | FURFURYL THIOACETATE | FEMA 3162 |
| | | | | 2-FURYL METHYL KETONE | FEMA 3163 |
| | | | | D&-HEXALACTONE | FEMA 3167 |
| | | | | T2-HEXENOIC ACID | FEMA 3169 |
| | | | | T3-HEXENOIC ACID | FEMA 3170 |
| | | | | C3-HEXEN-1-YL ACETATE | FEMA 3171 |
| | | | | HEXYL ISOBUTYRATE | FEMA 3172 |
| | | | | 1-HYDROXY-2-BUTANONE | FEMA 3173 |
| | | | | 4-HO-2,5-ME2-3/2H/-FURANO | FEMA 3174 |
| | | | | IONONE -G& | FEMA 3175 |
| | | | | P&-MENTHAN-2-ONE | FEMA 3176 |
| | | | | P&-MENTHA-8-THIOL-3-ONE | FEMA 3177 |
| | | | | P@-MENTH-1-ENE-9-AL | FEMA 3178 |
| | | | | P@-MENTH-1-EN-3-OL | FEMA 3179 |
| | | | | 2-MERCAPTOPROPIONIC ACID | FEMA 3180 |
| | | | | P@-METHOXY-A&-METHYLCINNA | FEMA 3182 |
| | | | | 2-METHOXY-X-METHYLPYRAZIN | FEMA 3183 |
| | | | | 1-METHYL-2-ACETYLPYRROLE | FEMA 3184 |
| | | | | 2-METHYL-3-FURANTHIOL | FEMA 3188 |
| | | | | ME-X-FURFURYL-THIOPYRAZIN | FEMA 3189 |
| | | | | 2T-METHYL-2-PENTENOIC ACI | FEMA 3195 |
| | | | | JASMONE | FEMA 3196 |
| | | | | A-METHYLPHENETHYLBUTYRATE | FEMA 3197 |
| | | | | 5-METHYL-2-PHEN-2-HEXENAL | FEMA 3199 |
| | | | | METHYL 2-PYRROLYL KETONE | FEMA 3202 |
| | | | | /METHYLTHIO/METHYLPYRAZIN | FEMA 3208 |
| | | | | 2-METHYL-5-VINYLPYRAZINE | FEMA 3211 |
| | | | | D&-OCTALACTONE | FEMA 3214 |
| | | | | 2,4-PENTADIENAL | FEMA 3217 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 24 | BEV TYPE II(R) | 11 | FLAV AGNT | 2-PENTENAL | | FEMA 3218 |
| | | | | PHENOL | | FEMA 3223 |
| | | | | PHENYL DISULFIDE | | FEMA 3225 |
| | | | | PROPENYL PROPYL DISULFIDE | | FEMA 3227 |
| | | | | ISOPROPYL TIGLATE | | FEMA 3229 |
| | | | | PYRAZINYL METHYL SULFICE | | FEMA 3231 |
| | | | | MENTHOFURAN | | FEMA 3235 |
| | | | | TETRAMETHYLPYRAZINE | | FEMA 3237 |
| | | | | 4-THUJANOL | | FEMA 3239 |
| | | | | 2,3,5-TRIMETHYLPYRAZINE | | FEMA 3244 |
| | | | | 10-UNDECENOIC ACID | | FEMA 3247 |
| | | | | BUTYROLACTONE | | FEMA 3421 |
| | | | | 3,4-DIME CYCLOPENT DIONE | | FEMA 3427 |
| | | | | ETHYL ABIETATE | | FEMA 3433 |
| | | | | 3-ET-2,5-DIME PYRAZINE | | FEMA 3434 |
| | | | | DIETHYL ANTHRANILATE | | FEMA 3436 |
| | | | | ETHYL HEXENOATE | | FEMA 3437 |
| | | | | ET ME HYDX-DIHYDFURANONE | | FEMA 3438 |
| | | | | ET ME-P-TOLYL GLYCIDATE | | FEMA 3439 |
| | | | | FURFURYL BUTYRATE | | FEMA 3440 |
| | | | | 2, 4-HEXADIENAL | | FEMA 3443 |
| | | | | HEXYL BENZOATE | | FEMA 3445 |
| | | | | LINALYL PHENYLACETATE | | FEMA 3449 |
| | | | | ISO-MENTHONE | | FEMA 3451 |
| | | | | 2-METHYL PYRAZINE | | FEMA 3461 |
| | | | | D-UNDECALACTONE | | FEMA 3482 |
| | | | | 4-HEPTENAL | | FEMA 3490 |
| | | | | ASPARAG,SEED/ROOT EXT | | FEMA 3258 |
| | | | | 2,6-DIMETHYL-4-HEPTANONE | | FEMA 3291 |
| | | | | GLYCINE | NAS 0356 | FEMA 3310 |
| | | | | MASTIC GUM | | FEMA 3335 |
| | | | | METHYL 3-PYRIDYL KETONE | | FEMA 3355 |
| | | | | SUCROSE ACET ISOBUTYRATE | | FEMA 3394 |
| | | | | 2-UNDECEN-1-OL | | FEMA 3403 |
| | | | | YARA YARA | | FEMA 3409 |
| | | | | ACTL ME CARBINYL ACET | | FEMA 3410 |
| | | | | ALLYL CROTONATE | | FEMA 3411 |
| | | | | ALLYL HEXENOATE | | FEMA 3412 |
| | | | | AMYL DECANOATE | | FEMA 3414 |
| | | | | AMYL PHENYLACETATE | | FEMA 3415 |
| | | | | AMYL ISO VALERIANATE | | FEMA 3417 |
| | | | | ISO-AMYL VALERIANATE | | FEMA 3418 |
| | | | | ISOBUT ME ANTHRANILATE | | FEMA 3420 |
| | | | | CARVOMENTHOL | | FEMA 3422 |
| | | | | M-CRESOL | | FEMA 3425 |
| | | | | O-CRESOL | | FEMA 3426 |
| | | | | FURFURYLIDEN-2-PROPANAL | | FEMA 3442 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 24 | BEV TYPE II(R) | 11 | FLAV AGNT | METHYL FURFURACRYLAT | | FEMA 3455 |
| | | | | 2-ME TETRDHYDROFURANONE | | FEMA 3463 |
| | | | | B-NAPHTH ISOBUTYL ETHER | | FEMA 3464 |
| | | | | 2,6-NONADIENAL | | FEMA 3465 |
| | | | | CARYOPHYLLENE OXIDE | | FEMA 3488 |
| | | | | 3-HEXENL PHENYLACETATE | | FEMA 3491 |
| | | | | HEXYL PHENYLACETATE | | FEMA 3492 |
| | | | | ISOAMYL 2-ME BUTYRATE | | FEMA 3493 |
| | | | | JASMONE | | FEMA 3494 |
| | | | | ACETONE | | FEMA 3588 |
| | | | | COFFEE CONCENTRATE-PURE | | FEMA 3636 |
| | | | | 2,5 DIMETHYL PYRAZINE | | FEMA 3596 |
| | | | | MATE ABSOLUTE | | FEMA 3644 |
| | | | | TOLVALDEHYDES,PARA | | FEMA 3633 |
| 24 | BEV TYPE II(R) | 13 | FORMUL AID | CALCIUM CARBONATE | NAS 0038 | |
| | | | | SODIUM THIOSULFATE | NAS 0209 | |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| 24 | BEV TYPE II(R) | 16 | LEAVENING | CORN STARCH | NAS 0411 | |
| 24 | BEV TYPE II(R) | 18 | NNTR SWEET | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| 24 | BEV TYPE II(R) | 19 | NUTR SUPPL | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 24 | BEV TYPE II(R) | 20 | PH CONTROL | AMMONIUM PHOSPHATE DI | NAS 0016 | |
| | | | | CALCIUM HYDROXIDE | NAS 0044 | |
| | | | | CALCIUM SULFATE | NAS 0057 | |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| | | | | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| | | | | SULFURIC ACID | NAS 0218 | |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | FUMARIC ACID | NAS 0382 | FEMA 2488 |
| 24 | BEV TYPE II(R) | 21 | PRESERVATV | POTASSIUM SORBATE | NAS 0156 | FEMA 2921 |
| | | | | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| | | | | PROPYLPARABEN | NAS 0166 | FEMA 2951 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SODIUM BISULFITE | NAS 0183 | |
| | | | | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| | | | | CHLORINE | NAS 0424 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 24 | BEV TYPE II(R) | 22 | PROCES AID | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | CALCIUM ACETATE | NAS 0035 | FEMA 2228 |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CALCIUM SULFATE | NAS 0057 | |
| | | | | FERROUS SULFATE | NAS 0085 | |
| | | | | PAPAIN | NAS 0142 | |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | PEPTONE | NAS 0297 | |
| | | | | TANNIC ACID | NAS 0330 | FEMA 3042 |
| | | | | BACT P&A/BACIL SUBTILIS | NAS 0561 | |
| | | | | BROMELAIN | NAS 0368 | |
| | | | | DIASTASE | NAS 0562 | |
| | | | | FUNG P&A/ASPERGIL NIGER | NAS 0560 | |
| | | | | FUNG P&A/ASPERGIL ORYZAE | NAS 0559 | |
| | | | | GELATIN | NAS 0350 | |
| 24 | BEV TYPE II(R) | 23 | PROPL AERT | CARBON DIOXIDE | NAS 0060 | |
| 24 | BEV TYPE II(R) | 24 | SEQUESTRNT | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| 24 | BEV TYPE II(R) | 25 | SOLV VEHIC | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | TRIACETIN | NAS 0233 | FEMA 2007 |
| | | | | TRIETHYL CITRATE | NAS 0234 | FEMA 3083 |
| | | | | BENZYL BENZOATE | | FEMA 2138 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| 24 | BEV TYPE II(R) | 26 | STBLZ THKN | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM METABISULFITE | NAS 0193 | |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | GLYEST WOODROS/EST GUM | | FEMA 3309 |
| 24 | BEV TYPE II(R) | 27 | SURFACTANT | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | CARBON DIOXIDE | NAS 0060 | |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | PEPTONE | NAS 0297 | |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| 24 | BEV TYPE II(R) | 29 | SYNERGIST | SODIUM METABISULFITE | NAS 0193 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 24 | BEV TYPE II(R) | 30 | TEXTURIZER | GLYCERIN | NAS 0069 | FEMA 2525 |
| 24 | BEV TYPE II(R) | 40 | NUTR SWEET | SUCROSE | NAS 0328 | |
| 25 | NUT PRODS(R) | 01 | ANTICAKNG | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CALCIUM SILICATE | NAS 0055 | |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| 25 | NUT PRODS(R) | 02 | ANTIOXIDNT | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| | | | | VEGETABLE OIL | NAS 0436 | FEMA 3702 |
| 25 | NUT PRODS(R) | 03 | COLOR | CARAMEL | NAS 0059 | FEMA 2239 |
| 25 | NUT PRODS(R) | 07 | EMULSIFIER | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| 25 | NUT PRODS(R) | 10 | FLAV ENHNC | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |
| 25 | NUT PRODS(R) | 11 | FLAV AGNT | MANNITOL | NAS 0126 | FEMA 3520 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | CELERY SEED | | FEMA 2268 |
| | | | | MUSTARD, BROWN | | FEMA 2760 |
| | | | | PAPRIKA | | FEMA 2833 |
| | | | | PAPRIKA, OLEORESIN | | FEMA 2834 |
| | | | | PEPPER, WHITE | | FEMA 2850 |
| | | | | TURMERIC | | FEMA 3085 |
| | | | | ETHYL PALMITATE | | FEMA 2451 |
| | | | | MALTO DEXTRIN | NAS 0412 | |
| | | | | PEANUT OIL | NAS 0391 | |
| 25 | NUT PRODS(R) | 13 | FORMUL AID | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | METHYLCELLULOSE | NAS 0127 | FEMA 2696 |
| | | | | CELLULOSE | NAS 0265 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | DEXTRIN | NAS 0338 | FEMA 3556 |
| | | | | PEANUT OIL | NAS 0391 | |
| | | | | SOYBEAN OIL | NAS 0407 | FEMA 3695 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 25 | NUT PRODS(R) | 17 | LUBRICANT | PEANUT OIL | NAS 0391 | |
| 25 | NUT PRODS(R) | 18 | NUTR SWEET | SORBITOL | NAS 0212 | FEMA 3029 |
| 25 | NUT PRODS(R) | 19 | NUTR SUPPL | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | VITAMIN A PALMITATE | NAS 0243 | |
| 25 | NUT PRODS(R) | 20 | PH CONTROL | CITRIC ACID | NAS 0068 | FEMA 2306 |
| 25 | NUT PRODS(R) | 21 | PRESERVATV | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| 25 | NUT PRODS(R) | 22 | PROCES AID | COCONUT OIL | NAS 0373 | FEMA 3659 |
| 25 | NUT PRODS(R) | 25 | SOLV VEHIC | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| 25 | NUT PRODS(R) | 26 | STBLZ THKR | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | METHYLCELLULOSE | NAS 0127 | FEMA 2696 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | RAPE SEED OIL, HYDROGENAT | NAS 0437 | |
| | | | | VEGETABLE OIL, HYDROGENAT | NAS 0438 | |
| 25 | NUT PRODS(R) | 28 | SURF FINSH | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | WAX, SHELLAC | NAS 0332 | |
| | | | | BUTTER | NAS 0523 | FEMA 3681 |
| | | | | CORN OIL | NAS 0374 | FEMA 3675 |
| | | | | PEANUT OIL | NAS 0391 | |
| 25 | NUT PRODS(R) | 40 | NUTR SWEET | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 26 | RECONST VEG(R) | 02 | ANTIOXICNT | LECITHIN | NAS 0104 | FEMA 3519 |
| 26 | RECONST VEG(R) | 03 | COLOR | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CARAMEL LIQUID | NAS 0441 | |
| | | | | TITANIUM DIOXIDE | NAS 0488 | |
| 26 | RECONST VEG(R) | 07 | EMULSIFIER | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| 26 | RECONST VEG(R) | 08 | ENZYME | PAPAIN | NAS 0142 | |
| | | | | ENZYMES, PROTEOLYTIC | NAS 0274 | |
| | | | | PROTEASE, BACTERIAL | NAS 0451 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 26 | RECONST VEG(R) | 08 | ENZYME | FUNGAL PROTEASE | NAS 0458 | |
| 26 | RECONST VEG(R) | 10 | FLAV ENHNC | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | DISODIUM GUANYLATE | NAS 0541 | FEMA 3292 |
| | | | | DISODIUM INOSINATE | NAS 0540 | FEMA 3293 |
| 26 | RECONST VEG(R) | 11 | FLAV AGNT | L-CYSTEINE | NAS 0071 | FEMA 3285 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | BUTYLAMINE | | FEMA 3130 |
| 26 | RECONST VEG(R) | 13 | FORMUL AID | CALCIUM PHOSPHATE DI | NAS 0048 | FEMA 3656 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | LACTALBUMIN | NAS 0470 | |
| | | | | SOYA PROTEIN ISOLATE | NAS 0446 | |
| | | | | VEGETABLE OIL | NAS 0436 | FEMA 3702 |
| 26 | RECONST VEG(R) | 16 | LEAVENING | AMMONIUM BICARBONATE | NAS 0013 | |
| 26 | RECONST VEG(R) | 19 | NUTR SUPPL | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM PANTOTHENATE | NAS 0047 | |
| | | | | CALCIUM PHOSPHATE DI | NAS 0048 | FEMA 3656 |
| | | | | FERRIC PYROPHOSPHATE | NAS 0081 | |
| | | | | NIACIN | NAS 0136 | |
| | | | | NIACINAMIDE | NAS 0137 | |
| | | | | PYRIDOXINE HYDROCHLORIDE | NAS 0167 | |
| | | | | RIBOFLAVIN | NAS 0169 | |
| | | | | VITAMIN B12 | NAS 0244 | |
| | | | | ZINC OXIDE | NAS 0249 | |
| | | | | DEXTROSE | NAS 0271 | |
| 26 | RECONST VEG(R) | 20 | PH CONTROL | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CALCIUM HYDROXIDE | NAS 0044 | |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| | | | | SODIUM PHOSPHATE TRI | NAS 0199 | |
| | | | | SODIUM SULFITE | NAS 0206 | |
| | | | | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| 26 | RECONST VEG(R) | 21 | PRESERVATV | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| 26 | RECONST VEG(R) | 22 | PROCES AID | HYDROCHLORIC ACID | NAS 0097 | |
| | | | | HYDROGEN PEROXIDE | NAS 0098 | |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 26 | RECONST VEG(R) | 26 | STBLZ THKR | AGAR-AGAR | NAS 0004 | FEMA 2012 |
| | | | | ALUMINUM POT SULFATE | NAS 0009 | |
| | | | | ALUMINUM SODIUM SULFATE | NAS 0010 | |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | SOYA PROTEIN ISOLATE | NAS 0446 | |
| 26 | RECONST VEG(R) | 30 | TEXTURIZER | CALCIUM CHLORIDE | NAS 0039 | |
| 27 | GRAVIES(R) | 01 | ANTICAKNG | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CALCIUM SILICATE | NAS 0055 | |
| | | | | MAGNESIUM CARBONATE | NAS 0110 | |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SILICA AEROGEL | NAS 0174 | FEMA 3506 |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | CALCIUM STEARATE | NAS 0260 | FEMA 3572 |
| 27 | GRAVIES(R) | 02 | ANTIOXIDNT | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| 27 | GRAVIES(R) | 03 | COLOR | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROTENE | NAS 0063 | FEMA 3548 |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| 27 | GRAVIES(R) | 07 | EMULSIFIER | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| 27 | GRAVIES(R) | 08 | ENZYME | PAPAIN | NAS 0142 | |
| 27 | GRAVIES(R) | 09 | FIRMN AGNT | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | PROTEIN, ANIMAL, HYDROLYZ | NAS 0310 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| 27 | GRAVIES(R) | 10 | FLAV ENHNC | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |

TABLE 10 -- SUBSTANCES (GROUP 1-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 27 | GRAVIES(R) | 10 | FLAV ENHNC | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | YEASTS | NAS 0333 | |
| | | | | DISODIUM GUANYLATE | NAS 0541 | FEMA 3292 |
| | | | | DISODIUM INOSINATE | NAS 0540 | FEMA 3293 |
| | | | | YEAST EXTRACT | NAS 0481 | FEMA 3521 |
| 27 | GRAVIES(R) | 11 | FLAV AGNT | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | ADIPIC ACID | NAS 0003 | FEMA 2011 |
| | | | | DL-ALANINE | NAS 0005 | FEMA 3251 |
| | | | | CAPRYLIC ACID | NAS 0058 | FEMA 2799 |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | L-CYSTEINE | NAS 0071 | FEMA 3265 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM DIACETATE | NAS 0190 | FEMA 3512 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | BOUILLON, VEGET, SMOKED | NAS 0256 | |
| | | | | BUTTER FAT ENZ MOD W /B A | NAS 0258 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | YEASTS | NAS 0333 | |
| | | | | ALLSPICE | | FEMA 2017 |
| | | | | ALLSPICE, OLEORESIN | | FEMA 2019 |
| | | | | ANGOSTURA, EXTRACT | | FEMA 2092 |
| | | | | ANISE | | FEMA 2093 |
| | | | | ASAFETIDA, FLUID EXTRACT | | FEMA 2106 |
| | | | | BASIL | | FEMA 2118 |
| | | | | BAY, SWEET | | FEMA 2124 |
| | | | | BAY, SWEET, OIL | | FEMA 2125 |
| | | | | CAPSICUM, OLEORESIN | | FEMA 2234 |
| | | | | CARAWAY | NAS 0421 | FEMA 2236 |
| | | | | CARDAMOM | | FEMA 2240 |
| | | | | CARDAMOM SEED, OIL | | FEMA 2241 |
| | | | | CASSIA | | FEMA 2256 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 27 | GRAVIES(R) | 11 | FLAV AGNT | CASSIA BARK, OIL | | FEMA 2258 |
| | | | | CASTOREUM, EXTRACT | | FEMA 2261 |
| | | | | CAYENNE | | FEMA 2266 |
| | | | | CELERY SEED | | FEMA 2268 |
| | | | | CELERY SEED, EXTRACT | | FEMA 2269 |
| | | | | CELERY SEED, OIL | | FEMA 2271 |
| | | | | CINNAMON | | FEMA 2289 |
| | | | | CINNAMON BARK, OIL | | FEMA 2291 |
| | | | | CINNAMON LEAF, OIL | | FEMA 2292 |
| | | | | CLOVE BUD, OIL | | FEMA 2323 |
| | | | | CLOVE BUD, OLEORESIN | | FEMA 2324 |
| | | | | CLOVE LEAF, OIL | | FEMA 2325 |
| | | | | CLOVER TOP RED, EXT SOLID | | FEMA 2326 |
| | | | | CLOVES | | FEMA 2327 |
| | | | | COGNAC, GREEN, OIL | | FEMA 2331 |
| | | | | CORIANDER | | FEMA 2333 |
| | | | | CUMIN | | FEMA 2340 |
| | | | | CUMIN, OIL | | FEMA 2343 |
| | | | | DILL | | FEMA 2382 |
| | | | | DILL, OIL | | FEMA 2383 |
| | | | | ESTRAGON, OIL | | FEMA 2412 |
| | | | | FENNEL, COMMON | | FEMA 2481 |
| | | | | FENNEL, SWEET | | FEMA 2482 |
| | | | | FENUGREEK | | FEMA 2484 |
| | | | | FENUGREEK, EXTRACT | | FEMA 2485 |
| | | | | GARLIC, OIL | | FEMA 2503 |
| | | | | GINGER | | FEMA 2520 |
| | | | | LEMON, OIL | | FEMA 2625 |
| | | | | LIME, OIL | | FEMA 2631 |
| | | | | MACE | | FEMA 2652 |
| | | | | MACE, OIL | | FEMA 2653 |
| | | | | MARJORAM, POT | | FEMA 2660 |
| | | | | MARJORAM, SWEET | | FEMA 2662 |
| | | | | MARJORAM, SWEET, OIL | | FEMA 2663 |
| | | | | MUSTARD, BROWN | | FEMA 2760 |
| | | | | MUSTARD, YELLOW | | FEMA 2761 |
| | | | | NUTMEG | NAS 0431 | FEMA 2792 |
| | | | | NUTMEG, OIL | | FEMA 2793 |
| | | | | ONION, OIL | | FEMA 2817 |
| | | | | ORANGE OIL | NAS 0493 | FEMA 2821 |
| | | | | ORANGE PEEL, SWEET, OIL | | FEMA 2825 |
| | | | | OREGANO | | FEMA 2827 |
| | | | | ORIGANUM, OIL | | FEMA 2828 |
| | | | | PAPRIKA | | FEMA 2833 |
| | | | | PAPRIKA, OLEORESIN | | FEMA 2834 |
| | | | | PARSLEY | | FEMA 2835 |
| | | | | PARSLEY, OIL | | FEMA 2836 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 27 | GRAVIES(R) | 11 | FLAV AGNT | PEPPER, BLACK | | FEMA 2844 |
| | | | | PEPPER, BLACK, OLEORES | | FEMA 2846 |
| | | | | PEPPER, RED | | FEMA 2849 |
| | | | | PEPPER, WHITE | | FEMA 2850 |
| | | | | PETITGRAIN, OIL | | FEMA 2855 |
| | | | | PIMENTA LEAF, OIL | | FEMA 2901 |
| | | | | ROSEMARY | | FEMA 2991 |
| | | | | SAGE | | FEMA 3000 |
| | | | | SAGE, OIL | | FEMA 3001 |
| | | | | SAGE, SPANISH, OIL | | FEMA 3003 |
| | | | | SAVORY, SUMMER | | FEMA 3012 |
| | | | | TARRAGON | | FEMA 3043 |
| | | | | THYME | | FEMA 3063 |
| | | | | TURMERIC | | FEMA 3085 |
| | | | | TURMERIC, OLEORESIN | | FEMA 3087 |
| | | | | HICKORY, SMOKE, DIST | | FEMA 3320 |
| | | | | TAMARIND, EXTRACT | | FEMA 3395 |
| | | | | ACETALDEHYDE | NAS 0448 | FEMA 2003 |
| | | | | ACETOIN | NAS 0363 | FEMA 2008 |
| | | | | ANETHOLE | | FEMA 2086 |
| | | | | CINNAMALDEHYDE | | FEMA 2286 |
| | | | | CITRAL | | FEMA 2303 |
| | | | | DIACETYL | | FEMA 2370 |
| | | | | ETHYL ACETATE | NAS 0449 | FEMA 2414 |
| | | | | GERANIOL | | FEMA 2507 |
| | | | | GERANYL ACETATE | | FEMA 2509 |
| | | | | /E/-LIMONENE | | FEMA 2633 |
| | | | | LINALYL ACETATE | | FEMA 2636 |
| | | | | GALBANUM, OIL | | FEMA 2501 |
| | | | | LOVAGE, OIL | | FEMA 2651 |
| | | | | ACETALDEHYDE PHENETHYL PR | | FEMA 2004 |
| | | | | ALLYL CYCLOHEXANEPROPIONA | | FEMA 2026 |
| | | | | DIALLYL DISULFIDE | | FEMA 2028 |
| | | | | ALLYL HEXANOATE | | FEMA 2032 |
| | | | | ALLYL ISOTHIOCYANATE | | FEMA 2034 |
| | | | | DIALLYL SULFIDE | | FEMA 2042 |
| | | | | AMMONIUM SULFIDE | | FEMA 2053 |
| | | | | BENZYL ALCOHOL | | FEMA 2137 |
| | | | | BENZYL BENZOATE | | FEMA 2138 |
| | | | | BOIS DE ROSE, OIL | | FEMA 2156 |
| | | | | BUTYRALDEHYDE | | FEMA 2219 |
| | | | | 4-CARVOMENTHENOL | | FEMA 2248 |
| | | | | P-CYMENE | | FEMA 2356 |
| | | | | D&-DECALACTONE | | FEMA 2361 |
| | | | | M-DIMETHOXYBENZENE | | FEMA 2365 |
| | | | | 4-ETHYLGUAIACOL | | FEMA 2436 |
| | | | | ETHYL PROPIONATE | | FEMA 2456 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 27 | CRAVIES(R) | 11 | FLAV AGNT | EUCALYPTOL | | FEMA 2465 |
| | | | | ISOAMYL FUSEL OIL | | FEMA 2497 |
| | | | | GERANYL BUTYRATE | | FEMA 2512 |
| | | | | GUAIACYL PHENYLACETATE | | FEMA 2535 |
| | | | | 2-HEPTANONE | | FEMA 2544 |
| | | | | HEPTYL ALCOHOL | | FEMA 2548 |
| | | | | HEXANAL | | FEMA 2557 |
| | | | | HEXANOIC ACID | | FEMA 2559 |
| | | | | LAURIC ALDEHYDE | | FEMA 2615 |
| | | | | 2-METHOXY-4-VINYLPHENOL | | FEMA 2675 |
| | | | | 6-METHYL-5-HEPTENONE-2 | | FEMA 2707 |
| | | | | DIMETHYL SULFIDE | | FEMA 2746 |
| | | | | 2-METHYLTHIOPROPIONALDEHY | | FEMA 2747 |
| | | | | 2,6-NONADIENOL-1 | | FEMA 2760 |
| | | | | 1-OCTENOL-3 | | FEMA 2805 |
| | | | | 2,3-PENTANEDIONE | | FEMA 2841 |
| | | | | PHENYLACETALDEHYDE DIMETH | | FEMA 2876 |
| | | | | PIPERIDINE | | FEMA 2908 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | P-PROPYL ANISOLE | | FEMA 2930 |
| | | | | PYRIDINE | | FEMA 2966 |
| | | | | PYROLIGNEOUS ACID, EXT | | FEMA 2968 |
| | | | | A-TERPINEOL | | FEMA 3045 |
| | | | | TERPINYL ACETATE | | FEMA 3047 |
| | | | | VALERALDEHYDE | | FEMA 3098 |
| | | | | PROPYL DISULFIDE | | FEMA 3228 |
| | | | | BEECHWOOD CREOSOTE | | FEMA 3259 |
| | | | | ALLYL HEPTANOATE | | FEMA 2031 |
| | | | | ANNATTO, EXTRACT | | FEMA 2103 |
| | | | | ANNATTO, SEED | | FEMA 2104 |
| | | | | BROMINATED VEG OILS | | FEMA 2168 |
| | | | | DECANOIC ACID | | FEMA 2364 |
| | | | | FURFURAL | | FEMA 2489 |
| | | | | FURFURYL MERCAPTAN | | FEMA 2493 |
| | | | | 5-METHYLFURFURAL | | FEMA 2702 |
| | | | | MYRISTIC ACID | | FEMA 2764 |
| | | | | 2-ISOBUTYL-3-METHOXYPYRAZ | | FEMA 3132 |
| | | | | 2-ISOBUTYLTHIAZOLE | | FEMA 3134 |
| | | | | 2T,4T-DECADIENAL | | FEMA 3135 |
| | | | | P-ETHYLPHENOL | | FEMA 3156 |
| | | | | FURFURYL METHYL ETHER | | FEMA 3159 |
| | | | | IONONE -GC | | FEMA 3175 |
| | | | | 2,4-NONADIENAL | | FEMA 3212 |
| | | | | PHENYL DISULFIDE | | FEMA 3225 |
| | | | | ROSE OXIDE | | FEMA 3236 |
| | | | | 10-UNDECENOIC ACID | | FEMA 3247 |
| | | | | HYDROGEN SULPHIDE | | FEMA 3446 |

TABLE 10 -- SUBSTANCES (GROUP 1-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 27 | GRAVIES(R) | 11 | FLAV AGNT | 4-HEPTENAL | | FEMA 3490 |
| | | | | DISODIUM GUANYLATE | NAS 0541 | FEMA 3292 |
| | | | | BEET POWDER | | FEMA 3554 |
| | | | | BROWN SUGAR | NAS 0369 | |
| | | | | GROUND CHILIES | | FEMA 3570 |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |
| | | | | GARLIC, ALLIUM SATIVUM | | FEMA 3508 |
| | | | | HORSERADISH OIL | | FEMA 3507 |
| | | | | ONION, ALLIUM CEPA | | FEMA 3509 |
| | | | | SESAME SEED | | FEMA 3500 |
| | | | | YEAST EXTRACT | NAS 0481 | FEMA 3521 |
| 27 | GRAVIES(R) | 13 | FORMUL AID | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | YEASTS | NAS 0333 | |
| | | | | LACTOSE | NAS 0406 | FEMA 3667 |
| | | | | XANTHAN GUM | NAS 0544 | |
| 27 | GRAVIES(R) | 19 | NUTR SUPPL | FERRIC PHOSPHATE | NAS 0080 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | YEASTS | NAS 0333 | |
| 27 | GRAVIES(R) | 20 | PH CONTROL | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM PHOSPHATE TRI | NAS 0199 | |
| | | | | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | VINEGAR | NAS 0403 | |
| 27 | GRAVIES(R) | 21 | PRESERVATV | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SORBIC ACID | NAS 0211 | FEMA 3624 |
| 27 | GRAVIES(R) | 22 | PROCES AID | ERYTHORBIC ACID | NAS 0078 | FEMA 2410 |

TABLE 10 -- SUBSTANCES (GROUP 1-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 27 | GRAVIES(R) | 24 | SEQUESTRNT | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| 27 | GRAVIES(R) | 25 | SOLV VEHIC | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| 27 | GRAVIES(R) | 26 | STBLZ THKR | AMMONIUM ALGINATE | NAS 0012 | |
| | | | | CALCIUM ALGINATE | NAS 0036 | |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2648 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | METHYLCELLULOSE | NAS 0127 | FEMA 2696 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |
| | | | | CELLULOSE | NAS 0265 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | PROPYLENE GLYCOL ALGINATE | NAS 0397 | FEMA 2941 |
| | | | | CORN STARCH | NAS 0411 | |
| | | | | DEXTRIN | NAS 0338 | FEMA 3556 |
| | | | | GELATIN | NAS 0350 | |
| | | | | PECTIN | NAS 0335 | |
| | | | | SOYA PROTEIN ISOLATE | NAS 0446 | |
| | | | | WHEAT STARCH | NAS 0404 | |
| 27 | GRAVIES(R) | 27 | SURFACTANT | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| 27 | GRAVIES(R) | 29 | SYNERGIST | CALCIUM PHOSPHATE MONO | NAS 0049 | |
| 27 | GRAVIES(R) | 40 | NUTR SWEET | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 28 | INIT DAIRY(R) | 01 | ANTICAKNG | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| 28 | INIT DAIRY(R) | 02 | ANTIOXIDNT | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| 28 | INIT DAIRY(R) | 03 | COLOR | CAROTENE | NAS 0063 | FEMA 3548 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 26 | IMIT DAIRY(R) | 06 | DRYNG AGNT | CALCIUM SILICATE | NAS 0055 | |
| 28 | IMIT DAIRY(R) | 07 | EMULSIFIER | DIACETYL TAR MONODIGLY | NAS 0076 | |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | MONOSODIUM PHOSMONODIGLY | NAS 0135 | |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | LECITHIN, MOD W/HYD PER | NAS 0287 | |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| | | | | SORBITAN MONOSTEARATE | NAS 0401 | FEMA 3028 |
| | | | | SOYA PROTEIN ISOLATE | NAS 0446 | |
| 28 | IMIT DAIRY(R) | 09 | FIRMN AGNT | GUAR GUM | NAS 0092 | FEMA 2537 |
| 28 | IMIT DAIRY(R) | 10 | FLAV ENHNC | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 28 | IMIT DAIRY(R) | 11 | FLAV AGNT | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | CAPRYLIC ACID | NAS 0058 | FEMA 2799 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | PROPIONIC ACID | NAS 0163 | FEMA 2924 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | BUTTER FAT ENZ MOD W /B A | NAS 0258 | |
| | | | | STARTER DISTILLATE | NAS 0326 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | VANILLA EXTRACT | NAS 0482 | FEMA 3105 |
| | | | | ACETALDEHYDE | NAS 0448 | FEMA 2003 |
| | | | | N-BUTYRIC ACID | NAS 0337 | FEMA 2221 |
| | | | | DIACETYL | | FEMA 2370 |
| | | | | BUTTER ACIDS | | FEMA 2171 |
| | | | | BUTTER ESTERS | | FEMA 2172 |
| | | | | BUTTER STARTER DIST | | FEMA 2173 |
| | | | | BUTYL BUTYRYLLACTATE | | FEMA 2190 |
| | | | | HEPTANAL | | FEMA 2540 |
| | | | | HEXANOIC ACID | | FEMA 2559 |
| | | | | DIMETHYL SULFIDE | | FEMA 2746 |
| | | | | VALERALDEHYDE | | FEMA 3098 |
| | | | | VALERIC ACID | | FEMA 3101 |
| | | | | DECANOIC ACID | | FEMA 2364 |
| | | | | LAURIC ACID | | FEMA 2614 |
| | | | | VANILLIN | NAS 0336 | FEMA 3107 |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 28 | IMIT DAIRY(R) | 13 | FORMUL AID | CALCIUM GLUCONATE | NAS 0041 | |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |
| 28 | IMIT DAIRY(R) | 18 | NUTR SWEET | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| 28 | IMIT DAIRY(R) | 19 | NUTR SUPPL | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CALCIUM HYDROXIDE | NAS 0044 | |
| | | | | CALCIUM PANTOTHENATE | NAS 0047 | |
| | | | | CALCIUM PHOSPHATE DI | NAS 0046 | FEMA 3656 |
| | | | | CAROTENE | NAS 0063 | FEMA 3548 |
| | | | | FERRIC PHOSPHATE | NAS 0080 | |
| | | | | MAGNESIUM OXIDE | NAS 0112 | |
| | | | | MANGANESE SULFATE | NAS 0124 | |
| | | | | NIACINAMIDE | NAS 0137 | |
| | | | | POTASSIUM CARBONATE | NAS 0150 | |
| | | | | POTASSIUM CHLORIDE | NAS 0151 | |
| | | | | POTASSIUM IODIDE | NAS 0155 | |
| | | | | PYRIDOXINE HYDROCHLORIDE | NAS 0167 | |
| | | | | RIBOFLAVIN | NAS 0169 | |
| | | | | SODIUM ASCORBATE | NAS 0180 | FEMA 3525 |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | SODIUM PHOSPHATE MONO | NAS 0198 | FEMA 3534 |
| | | | | THIAMINE MONONITRATE | NAS 0222 | |
| | | | | DL-ALPHA TOCOPH ACET | NAS 0229 | |
| | | | | VITAMIN A PALMITATE | NAS 0243 | |
| | | | | VITAMIN D2 | NAS 0245 | |
| | | | | ZINC OXIDE | NAS 0249 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | CASEIN | NAS 0422 | |
| | | | | COCONUT OIL | NAS 0373 | FEMA 3659 |
| | | | | SOYA PROTEIN ISOLATE | NAS 0446 | |
| | | | | VEGETABLE OIL | NAS 0436 | FEMA 3702 |
| 28 | IMIT DAIRY(R) | 20 | PH CONTROL | ADIPIC ACID | NAS 0003 | FEMA 2011 |
| | | | | ALUMINUM POT SULFATE | NAS 0009 | |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | POTASSIUM CHLORIDE | NAS 0151 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 28 | IMIT DAIRY(R) | 20 | PH CONTROL | POTASSIUM CITRATE | NAS 0152 | |
| | | | | POTASSIUM PHOSPHATE DI | NAS 0157 | |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | SODIUM PHOSPHATE MONO | NAS 0198 | FEMA 3534 |
| | | | | GLUCONO-DELTA LACTONE | NAS 0278 | |
| | | | | POTASSIUM PHOSPHATE, MONO | NAS 0304 | |
| | | | | POTASSIUM PHOSPHATE, TRI | NAS 0305 | |
| 28 | IMIT DAIRY(R) | 21 | PRESERVATV | BENZOIC ACID | NAS 0029 | FEMA 2131 |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | SORBIC ACID | NAS 0211 | FEMA 3624 |
| 28 | IMIT DAIRY(R) | 22 | PROCES AID | CORN SYRUP | NAS 0270 | |
| 28 | IMIT DAIRY(R) | 23 | PROPL AERT | CARBON DIOXIDE | NAS 0060 | |
| | | | | NITROUS OXIDE | NAS 0139 | FEMA 2779 |
| 28 | IMIT DAIRY(R) | 26 | STBLZ THKR | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | CELLULOSE | NAS 0265 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |
| | | | | GELATIN | NAS 0350 | |
| | | | | SOYA PROTEIN ISOLATE | NAS 0446 | |
| | | | | STARCH | NAS 0402 | |
| 28 | IMIT DAIRY(R) | 27 | SURFACTANT | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | METHYLCELLULOSE | NAS 0127 | FEMA 2696 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | MONOSODIUM PHOSMONODIGLY | NAS 0135 | |
| | | | | SODIUM CMC | NAS 0186 | |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FCCC CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 28 | IMIT DAIRY(R) | 27 | SURFACTANT | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| | | | | CELLULOSE | NAS 0265 | |
| | | | | PROPYLENE GLYCOL MSTEARAT | NAS 0309 | FEMA 2942 |
| 28 | IMIT DAIRY(R) | 30 | TEXTURIZER | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| 28 | IMIT DAIRY(R) | 40 | NUTR SWEET | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 30 | HARD CANDY(R) | 01 | ANTICAKNG | SILICA AEROGEL | NAS 0174 | FEMA 3506 |
| 30 | HARD CANDY(R) | 02 | ANTIOXIDNT | LECITHIN | NAS 0104 | FEMA 3519 |
| 30 | HARD CANDY(R) | 03 | COLOR | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | CARBON | NAS 0262 | |
| 30 | HARD CANDY(R) | 06 | DRYNG AGNT | CORN STARCH | NAS 0411 | |
| 30 | HARD CANDY(R) | 10 | FLAV ENHNC | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | CORN SYRUP | NAS 0270 | |
| 30 | HARD CANDY(R) | 11 | FLAV AGNT | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | CAPRYLIC ACID | NAS 0058 | FEMA 2799 |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | ETHYL FORMATE | NAS 0079 | FEMA 2434 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | PROPIONIC ACID | NAS 0163 | FEMA 2924 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 30 | HARD CANDY(R) | 11 | FLAV AGNT | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | TRIACETIN | NAS 0233 | FEMA 2007 |
| | | | | TRIETHYL CITRATE | NAS 0234 | FEMA 3083 |
| | | | | CALCIUM STEARATE | NAS 0260 | FEMA 3572 |
| | | | | MILK POWDR WHOLE, ENZ MOD | NAS 0293 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | TANNIC ACID | NAS 0330 | FEMA 3042 |
| | | | | ALLSPICE, OIL | | FEMA 2018 |
| | | | | ALMOND OIL, BITTER, FFPA | | FEMA 2046 |
| | | | | ANISE, OIL | | FEMA 2094 |
| | | | | BALSAM, PERU | | FEMA 2116 |
| | | | | BALSAM, PERU, OIL | | FEMA 2117 |
| | | | | BASIL, OIL | | FEMA 2119 |
| | | | | BERGAMOT, OIL | | FEMA 2153 |
| | | | | CAPSICUM, EXTRACT | | FEMA 2233 |
| | | | | CAPSICUM, OLEORESIN | | FEMA 2234 |
| | | | | CARAWAY, OIL | | FEMA 2238 |
| | | | | CARDAMON SEED, OIL | | FEMA 2241 |
| | | | | CARROT, OIL | | FEMA 2244 |
| | | | | CASCARILLA BARK, OIL | | FEMA 2255 |
| | | | | CASSIA | | FEMA 2256 |
| | | | | CASSIA BARK, OIL | | FEMA 2258 |
| | | | | CASTOREUM, EXTRACT | | FEMA 2261 |
| | | | | CASTOREUM, LIQUID | | FEMA 2262 |
| | | | | CAYENNE | | FEMA 2266 |
| | | | | CELERY SEED, OIL | | FEMA 2271 |
| | | | | CHAMOMILE FLOWER OIL, ROM | | FEMA 2275 |
| | | | | CHERRY BARK, WILD, EXT | | FEMA 2276 |
| | | | | CHICORY, EXTRACT | | FEMA 2280 |
| | | | | CINNAMON BARK, OIL | | FEMA 2291 |
| | | | | CINNAMON LEAF, OIL | | FEMA 2292 |
| | | | | CITRONELLA, OIL | | FEMA 2308 |
| | | | | CIVET, ABSOLUTE | | FEMA 2319 |
| | | | | CLOVE BUD, OIL | | FEMA 2323 |
| | | | | CLOVE LEAF, OIL | | FEMA 2325 |
| | | | | CLOVE STEM, OIL | | FEMA 2328 |
| | | | | COGNAC, GREEN, OIL | | FEMA 2331 |
| | | | | COGNAC, WHITE, OIL | | FEMA 2332 |
| | | | | CORIANDER, OIL | | FEMA 2334 |
| | | | | CUMIN, OIL | | FEMA 2343 |
| | | | | DILL, OIL | | FEMA 2383 |
| | | | | FENNEL, SWEET, OIL | | FEMA 2483 |
| | | | | FENUGREEK, EXTRACT | | FEMA 2485 |
| | | | | FENUGREEK, OLEORESIN | | FEMA 2486 |
| | | | | GERANIUM, ROSE, OIL | | FEMA 2508 |
| | | | | GINGER | | FEMA 2520 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 30 | HARD CANDY(R) | 11 | FLAV AGNT | GINGER, OIL | | FEMA 2522 |
| | | | | GINGER, OLEORESIN | | FEMA 2523 |
| | | | | GLYCYRRHIZIN, AMMONIATED | | FEMA 2528 |
| | | | | GRAPEFRUIT, OIL | | FEMA 2530 |
| | | | | HICKORY BARK, EXTRCT | | FEMA 2577 |
| | | | | HOPS, OIL | | FEMA 2580 |
| | | | | HOREHOUND, EXTRACT | | FEMA 2581 |
| | | | | IMMORTELLE, EXTRACT | | FEMA 2592 |
| | | | | JASMINE, ABSOLUTE | | FEMA 2598 |
| | | | | JASMINE, OIL | | FEMA 2600 |
| | | | | KOLA NUT, EXTRACT | | FEMA 2607 |
| | | | | LEMON-GRASS, OIL | | FEMA 2624 |
| | | | | LEMON, OIL | | FEMA 2625 |
| | | | | LEMON OIL, TERP/LESS | | FEMA 2626 |
| | | | | LICORICE, EXTRACT | | FEMA 2628 |
| | | | | LICORICE, EXT POWDER | | FEMA 2629 |
| | | | | LICORICE ROOT | NAS 0564 | FEMA 2630 |
| | | | | LIME, OIL | | FEMA 2631 |
| | | | | LIME OIL, TERPENELESS | | FEMA 2632 |
| | | | | MACE, OLEORESIN | | FEMA 2654 |
| | | | | MANDARIN, OIL | | FEMA 2657 |
| | | | | MENTHOL | | FEMA 2665 |
| | | | | MENTHYL ACETATE | | FEMA 2668 |
| | | | | MUSK TONQUIN | | FEMA 2759 |
| | | | | NEROLI BIGARDE, OIL | | FEMA 2771 |
| | | | | NUTMEG, OIL | | FEMA 2793 |
| | | | | ORANGE BLOSSOMS, ABS | | FEMA 2818 |
| | | | | ORANGE OIL | NAS 0493 | FEMA 2821 |
| | | | | ORANGE, OIL, TERPENELESS | | FEMA 2822 |
| | | | | ORANGE PEEL, BITTER, OIL | | FEMA 2823 |
| | | | | ORANGE PEEL, SWEET, EXT | | FEMA 2824 |
| | | | | ORANGE PEEL, SWEET, OIL | | FEMA 2825 |
| | | | | ORNGPL OIL SWEET TERP/LES | | FEMA 2826 |
| | | | | PEPPER, BLACK, OLEORES | | FEMA 2846 |
| | | | | PEPPERMINT, OIL | | FEMA 2848 |
| | | | | PETITGRAIN, MAND, OIL | | FEMA 2854 |
| | | | | PETITGRAIN, OIL | | FEMA 2855 |
| | | | | ROSE, ABSOLUTE | | FEMA 2988 |
| | | | | ROSE BULG/TRUE OTTO, OIL | | FEMA 2989 |
| | | | | ROSEMARY, OIL | | FEMA 2992 |
| | | | | RUE, OIL | | FEMA 2995 |
| | | | | SAFFRON, EXTRACT | | FEMA 2999 |
| | | | | SPEARMINT, OIL | | FEMA 3032 |
| | | | | TANGERINE, OIL | | FEMA 3041 |
| | | | | VANILLA | NAS 0433 | FEMA 3104 |
| | | | | VANILLA EXTRACT | NAS 0482 | FEMA 3105 |
| | | | | VANILLA, OLEORESIN | | FEMA 3106 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 30 | HARD CANDY(R) | 11 | FLAV AGNT | VIOLET LEAVES, ABSOL | | FEMA 3110 |
| | | | | YLANG YLANG, OIL | | FEMA 3119 |
| | | | | COCOA EXTRACT | | FEMA 3278 |
| | | | | COFFEE, EXTRACT | | FEMA 3279 |
| | | | | ACETALDEHYDE | NAS 0448 | FEMA 2003 |
| | | | | ACETOIN | NAS 0363 | FEMA 2008 |
| | | | | ANETHOLE | | FEMA 2086 |
| | | | | BENZALDEHYDE | NAS 0367 | FEMA 2127 |
| | | | | N-BUTYRIC ACID | NAS 0337 | FEMA 2221 |
| | | | | CARVONE | | FEMA 2249 |
| | | | | CINNAMALDEHYDE | | FEMA 2286 |
| | | | | CINNAMALDE ETHYLENE GLYOL | | FEMA 2287 |
| | | | | CITRAL | | FEMA 2303 |
| | | | | DECANAL | | FEMA 2362 |
| | | | | DIACETYL | | FEMA 2370 |
| | | | | ETHYL ACETATE | NAS 0449 | FEMA 2414 |
| | | | | ETHYL BUTYRATE | | FEMA 2427 |
| | | | | ETHYL METHYLPHENYLGLYCIDA | | FEMA 2444 |
| | | | | ETHYL VANILLIN | | FEMA 2464 |
| | | | | EUGENOL | | FEMA 2467 |
| | | | | GERANIOL | | FEMA 2507 |
| | | | | GERANYL ACETATE | | FEMA 2509 |
| | | | | /E/-LIMONENE | | FEMA 2633 |
| | | | | LINALOOL | | FEMA 2635 |
| | | | | LINALYL ACETATE | | FEMA 2636 |
| | | | | METHYL ANTHRANILATE | NAS 0563 | FEMA 2682 |
| | | | | PIPERONAL | | FEMA 2911 |
| | | | | BUCHU LEAVES, OIL | | FEMA 2169 |
| | | | | CAMPHOR, JAP, WHITE, OIL | | FEMA 2231 |
| | | | | CASSIE, ABSOLUTE | | FEMA 2260 |
| | | | | EUCALYPTUS, OIL | | FEMA 2466 |
| | | | | GALBANUM, OIL | | FEMA 2501 |
| | | | | GENET, ABSOLUTE | | FEMA 2504 |
| | | | | GUAIAC WOOD, OIL | | FEMA 2534 |
| | | | | LABDANUM, OIL | | FEMA 2609 |
| | | | | LOVAGE | | FEMA 2649 |
| | | | | LOVAGE, OIL | | FEMA 2651 |
| | | | | MIMOSA, ABSOLUTE | | FEMA 2755 |
| | | | | ORRIS, CONCRETE, LIQ/OIL | | FEMA 2829 |
| | | | | PATCHOULY, OIL | | FEMA 2838 |
| | | | | PENNYROYAL, OIL | | FEMA 2839 |
| | | | | PINE, SCOTCH, OIL | | FEMA 2906 |
| | | | | RHATANY, EXTRACT | | FEMA 2979 |
| | | | | SANDALWOOD, YELLOW, OIL | | FEMA 3005 |
| | | | | SPRUCE, OIL | | FEMA 3034 |
| | | | | TAGETES, OIL | | FEMA 3040 |
| | | | | TOLU, BALSAM, EXTRACT | | FEMA 3069 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 30 | HARD CANDY(R) | 11 | FLAV AGNT | TOLU, BALSAM, GUM | FEMA 3070 |
| | | | | TURPENTINE, STEAM DIS | FEMA 3089 |
| | | | | VALERIAN ROOT, OIL | FEMA 3100 |
| | | | | WORMWOOD, OIL | FEMA 3116 |
| | | | | ACETAL | FEMA 2002 |
| | | | | ACETANISOLE | FEMA 2005 |
| | | | | ALLYL CYCLOHEXANEPROPIONA | FEMA 2026 |
| | | | | ALLYL HEXANOATE | FEMA 2032 |
| | | | | ALLYL PROPIONATE | FEMA 2040 |
| | | | | AMMONIUM ISOVALERATE | FEMA 2054 |
| | | | | ISOAMYL ACETATE | FEMA 2055 |
| | | | | AMYL ALCOHOL | FEMA 2056 |
| | | | | ISOAMYL ALCOHOL | FEMA 2057 |
| | | | | ISOAMYL BENZOATE | FEMA 2058 |
| | | | | AMYL BUTYRATE | FEMA 2059 |
| | | | | ISOAMYL BUTYRATE | FEMA 2060 |
| | | | | A&-AMYLCINNAMALDEHYDE | FEMA 2061 |
| | | | | AMYL FORMATE | FEMA 2068 |
| | | | | ISOAMYL HEXANOATE | FEMA 2075 |
| | | | | ISOAMYL OCTANOATE | FEMA 2080 |
| | | | | ISOAMYL PHENYLACETATE | FEMA 2081 |
| | | | | ISOAMYL PROPIONATE | FEMA 2082 |
| | | | | ISOAMYL PYRUVATE | FEMA 2083 |
| | | | | ISOAMYL ISOVALERATE | FEMA 2085 |
| | | | | ANISOLE | FEMA 2097 |
| | | | | ANISYL ACETATE | FEMA 2098 |
| | | | | ANISYL ALCOHOL | FEMA 2099 |
| | | | | ANISYL PROPIONATE | FEMA 2102 |
| | | | | BENZALD. GLYCERYL ACETAL | FEMA 2129 |
| | | | | BENZYL ACETATE | FEMA 2135 |
| | | | | BENZYL ALCOHOL | FEMA 2137 |
| | | | | BENZYL BENZOATE | FEMA 2138 |
| | | | | BENZYL BUTYRATE | FEMA 2140 |
| | | | | BENZYL FORMATE | FEMA 2145 |
| | | | | BENZYL PROPIONATE | FEMA 2150 |
| | | | | BENZYL ISOVALERATE | FEMA 2152 |
| | | | | BORNEOL | FEMA 2157 |
| | | | | ISOBORNEOL | FEMA 2158 |
| | | | | ISOBORNYL PROPIONATE | FEMA 2163 |
| | | | | BUTTER ACIDS | FEMA 2171 |
| | | | | BUTTER ESTERS | FEMA 2172 |
| | | | | BUTYL ACETATE | FEMA 2174 |
| | | | | ISOBUTYL ACETATE | FEMA 2175 |
| | | | | BUTYL ALCOHOL | FEMA 2178 |
| | | | | BUTYL BUTYRATE | FEMA 2186 |
| | | | | ISOBUTYL BUTYRATE | FEMA 2187 |
| | | | | BUTYL ISOBUTYRATE | FEMA 2188 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 30 | HARD CANDY(K) | 11 | FLAV AGNT | BUTYL BUTYRYLLACTATE | FEMA 2190 |
| | | | | BUTYL CINNAMATE | FEMA 2192 |
| | | | | ISOBUTYL CINNAMATE | FEMA 2193 |
| | | | | BUTYL HEPTANOATE | FEMA 2199 |
| | | | | ISOBUTYL HEXANOATE | FEMA 2202 |
| | | | | ISOBUTYL PHENYLACETATE | FEMA 2210 |
| | | | | BUTYL STEARATE | FEMA 2214 |
| | | | | BUTYL 10-UNDECENOATE | FEMA 2216 |
| | | | | ISOBUTYRIC ACID | FEMA 2222 |
| | | | | /E/-CAMPHOR | FEMA 2230 |
| | | | | CINNAMIC ACID | FEMA 2288 |
| | | | | CINNAMYL ACETATE | FEMA 2293 |
| | | | | CINNAMYL ALCOHOL | FEMA 2294 |
| | | | | CINNAMYL ANTHRANILATE | FEMA 2295 |
| | | | | CINNAMYL BUTYRATE | FEMA 2296 |
| | | | | CINNAMYL ISOBUTYRATE | FEMA 2297 |
| | | | | CINNAMYL CINNAMATE | FEMA 2298 |
| | | | | CINNAMYL FORMATE | FEMA 2299 |
| | | | | CINNAMYL PROPIONATE | FEMA 2301 |
| | | | | CINNAMYL ISOVALERATE | FEMA 2302 |
| | | | | CITRONELLAL | FEMA 2307 |
| | | | | DL-CITRONELLOL | FEMA 2309 |
| | | | | CITRONELLYL ACETATE | FEMA 2311 |
| | | | | CITRONELLYL BUTYRATE | FEMA 2312 |
| | | | | CITRONELLYL ISOBUTYRATE | FEMA 2313 |
| | | | | CITRONELLYL FORMATE | FEMA 2314 |
| | | | | CITRONELLYL PROPRIONATE | FEMA 2316 |
| | | | | Pa-CRESOL | FEMA 2337 |
| | | | | CUMINALDEHYDE | FEMA 2341 |
| | | | | Pa-CYMENE | FEMA 2356 |
| | | | | Gd-DECALACTONE | FEMA 2360 |
| | | | | 1-DECANOL | FEMA 2365 |
| | | | | DECYL ACETATE | FEMA 2367 |
| | | | | DIBENZYL ETHER | FEMA 2371 |
| | | | | DIETHYL MALONATE | FEMA 2375 |
| | | | | DIETHYL SEBACATE | FEMA 2376 |
| | | | | DIETHYL SUCCINATE | FEMA 2377 |
| | | | | Pa-DIMETHOXYBENZENE | FEMA 2386 |
| | | | | Ad-DIMETHYLBENZYL ISOBUTY | FEMA 2388 |
| | | | | 2,6-DIMETHYL-5-HEPTENAL | FEMA 2389 |
| | | | | Ad-DIMETHYLPHENETHYL FORM | FEMA 2395 |
| | | | | DIMETHYL SUCCINATE | FEMA 2396 |
| | | | | 1,3-DIPHENYL PROPANONE-2 | FEMA 2397 |
| | | | | ESTRAGOLE | FEMA 2411 |
| | | | | ETHYL ACETOACETATE | FEMA 2415 |
| | | | | ETHYL ACONITATE | FEMA 2417 |
| | | | | ETHYL ANTHRANILATE | FEMA 2421 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 30 | HARD CANDY(R) | 11 | FLAV AGNT | ETHYL BENZOATE | FEMA 2422 |
| | | | | ETHYL ISOBUTYRATE | FEMA 2428 |
| | | | | ETHYL DECANOATE | FEMA 2432 |
| | | | | ETHYL HEPTANOATE | FEMA 2437 |
| | | | | ETHYL HEXANOATE | FEMA 2439 |
| | | | | ETHYL LACTATE | FEMA 2440 |
| | | | | ETHYL LAURATE | FEMA 2441 |
| | | | | ETHYL 2-METHYLBUTYRATE | FEMA 2443 |
| | | | | ETHYL MYRISTATE | FEMA 2445 |
| | | | | ETHYL NONANOATE | FEMA 2447 |
| | | | | ETHYL OCTANOATE | FEMA 2449 |
| | | | | ETHYL PHENYLACETATE | FEMA 2452 |
| | | | | ETHYL 3-PHENYLGLYCIDATE | FEMA 2454 |
| | | | | ETHYL PROPIONATE | FEMA 2456 |
| | | | | ETHYL PYRUVATE | FEMA 2457 |
| | | | | ETHYL SALICYLATE | FEMA 2458 |
| | | | | ETHYL TIGLATE | FEMA 2460 |
| | | | | ETHYL VALERATE | FEMA 2462 |
| | | | | ETHYL ISOVALERATE | FEMA 2463 |
| | | | | EUCALYPTOL | FEMA 2465 |
| | | | | ISOEUGENOL | FEMA 2468 |
| | | | | EUGENYL METHYL ETHER | FEMA 2475 |
| | | | | ISOEUGENYL METHYL ETHER | FEMA 2476 |
| | | | | FENCHYL ALCOHOL | FEMA 2480 |
| | | | | FORMIC ACID | FEMA 2487 |
| | | | | ISOAMYL FUSEL OIL | FEMA 2497 |
| | | | | GERANYL BENZOATE | FEMA 2511 |
| | | | | GERANYL BUTYRATE | FEMA 2512 |
| | | | | GERANYL PROPIONATE | FEMA 2517 |
| | | | | GERANYL ISOVALERATE | FEMA 2518 |
| | | | | GE-HEPTALACTONE | FEMA 2539 |
| | | | | 2,3-HEPTANEDIONE | FEMA 2543 |
| | | | | 2-HEPTANONE | FEMA 2544 |
| | | | | 4-HEPTANONE | FEMA 2546 |
| | | | | HEPTYL ACETATE | FEMA 2547 |
| | | | | HEPTYL ALCOHOL | FEMA 2548 |
| | | | | HEPTYL BUTYRATE | FEMA 2549 |
| | | | | GE-HEXALACTONE | FEMA 2556 |
| | | | | HEXANAL | FEMA 2557 |
| | | | | 2,3-HEXANEDIONE | FEMA 2558 |
| | | | | HEXANOIC ACID | FEMA 2559 |
| | | | | 2-HEXENAL | FEMA 2560 |
| | | | | 3-HEXENOL-1 | FEMA 2563 |
| | | | | 2-HEXENYL ACETATE | FEMA 2564 |
| | | | | HEXYL ACETATE | FEMA 2565 |
| | | | | HEXYL ALCOHOL | FEMA 2567 |
| | | | | HEXYL BUTYRATE | FEMA 2568 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FCDD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 30 | HARD CANDY(R) | 11 | FLAV AGNT | HEXYL FORMATE | FEMA 2570 |
| | | | | HYDROXYCITRONELLAL | FEMA 2583 |
| | | | | HYDROXYCITRONELLOL | FEMA 2586 |
| | | | | 4-P-HYDROXYPHEN-BUTANONE | FEMA 2588 |
| | | | | INDOLE | FEMA 2593 |
| | | | | A&-IONONE | FEMA 2594 |
| | | | | B&-IONONE | FEMA 2595 |
| | | | | A&-IRONE | FEMA 2597 |
| | | | | LAURIC ALDEHYDE | FEMA 2615 |
| | | | | LAURYL ALCOHOL | FEMA 2617 |
| | | | | LEVULINIC ACID | FEMA 2627 |
| | | | | LINALYL BENZOATE | FEMA 2638 |
| | | | | LINALYL BUTYRATE | FEMA 2639 |
| | | | | LINALYL FORMATE | FEMA 2642 |
| | | | | LINALYL OCTANOATE | FEMA 2644 |
| | | | | LINALYL ISOVALERATE | FEMA 2646 |
| | | | | MALTOL | FEMA 2656 |
| | | | | MENTHONE | FEMA 2667 |
| | | | | P@-METHOXYBENZALDEHYDE | FEMA 2670 |
| | | | | 4-P-METHOXYPHENY-BUTANONE | FEMA 2672 |
| | | | | P@-METHYL ACETOPHENONE | FEMA 2677 |
| | | | | P@-METHYLANISOLE | FEMA 2681 |
| | | | | METHYL BENZOATE | FEMA 2683 |
| | | | | A&-METHYLBENZYL ACETATE | FEMA 2684 |
| | | | | 3-METHYLBUTYRALDEHYDE | FEMA 2692 |
| | | | | METHYL ISOBUTYRATE | FEMA 2694 |
| | | | | A&-METHYLCINNAMALDEHYDE | FEMA 2697 |
| | | | | METHYL CINNAMATE | FEMA 2698 |
| | | | | METHYLCYCLOPENTENOLONE | FEMA 2700 |
| | | | | 6-METHYL-5-HEPTENONE-2 | FEMA 2707 |
| | | | | METHYL HEXANOATE | FEMA 2708 |
| | | | | METHYL-A&-IONONE | FEMA 2711 |
| | | | | METHYL-B&-IONONE | FEMA 2712 |
| | | | | METHYL-D&-IONONE | FEMA 2713 |
| | | | | ISOMETHYLIONONE, A&- | FEMA 2714 |
| | | | | METHYL N-METHYLANTHRANILA | FEMA 2718 |
| | | | | METHYL 3-METHYLTHIOPROPIO | FEMA 2720 |
| | | | | METHYL MYRISTATE | FEMA 2722 |
| | | | | METHYL B&-NAPHTHYL KETONE | FEMA 2723 |
| | | | | METHYL 2-NONENOATE | FEMA 2725 |
| | | | | METHYL 2-NONYNOATE | FEMA 2726 |
| | | | | METHYL 2-OCTYNOATE | FEMA 2729 |
| | | | | METHYL PHENYLACETATE | FEMA 2733 |
| | | | | VIOLET ALPINE | FEMA 2743 |
| | | | | DIMETHYL SULFIDE | FEMA 2746 |
| | | | | METHYL ISOVALERATE | FEMA 2753 |
| | | | | NEROL | FEMA 2770 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 30 | HARD CANDY(R) | 11 | FLAV AGNT | NERYL ACETATE | | FEMA 2773 |
| | | | | NERYL ISOBUTYRATE | | FEMA 2779 |
| | | | | G&-NONALACTONE | | FEMA 2781 |
| | | | | NONANAL | | FEMA 2782 |
| | | | | 2-NONANONE | | FEMA 2785 |
| | | | | NONYL ACETATE | | FEMA 2788 |
| | | | | NONYL ALCOHOL | | FEMA 2789 |
| | | | | G&-OCTALACTONE | | FEMA 2796 |
| | | | | OCTANAL | | FEMA 2797 |
| | | | | 1-OCTANOL | | FEMA 2800 |
| | | | | OCTYL ACETATE | | FEMA 2806 |
| | | | | OCTYL ISOBUTYRATE | | FEMA 2808 |
| | | | | 2,3-PENTANEDIONE | | FEMA 2841 |
| | | | | A&-PHELLANDRENE | | FEMA 2856 |
| | | | | PHENETHYL ACETATE | | FEMA 2857 |
| | | | | PHENETHYL ALCOHOL | | FEMA 2858 |
| | | | | PHENETHYL BUTYRATE | | FEMA 2861 |
| | | | | PHENETHYL PHENYLACETATE | | FEMA 2866 |
| | | | | PHENETHYL SALICYLATE | | FEMA 2868 |
| | | | | PHENYLACETIC ACID | | FEMA 2878 |
| | | | | 4-PHENYL-3-BUTENONE-2 | | FEMA 2881 |
| | | | | 1-PHENYL-3-METHYLPENTANOL | | FEMA 2883 |
| | | | | 3-PHENYLPROPYL PROPIONATE | | FEMA 2897 |
| | | | | A&-PINENE | | FEMA 2902 |
| | | | | NOPINENE | | FEMA 2903 |
| | | | | PIPERONYL ACETATE | | FEMA 2912 |
| | | | | POLYSORBATE 20 | | FEMA 2915 |
| | | | | POLYSORBATE 60 | NAS 0393 | FEMA 2916 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | PROPENYLGUAETHOL | | FEMA 2922 |
| | | | | PROPIONALDEHYDE | | FEMA 2923 |
| | | | | PROPYL ACETATE | | FEMA 2925 |
| | | | | ISOPROPYL ALCOHOL | | FEMA 2929 |
| | | | | P&-PROPYL ANISOLE | | FEMA 2930 |
| | | | | PROPYL CINNAMATE | | FEMA 2938 |
| | | | | ISOPROPYL HEXANOATE | | FEMA 2950 |
| | | | | PROPYL PROPIONATE | | FEMA 2958 |
| | | | | ISOPULEGYL ACETATE | | FEMA 2965 |
| | | | | RHODINOL | | FEMA 2980 |
| | | | | ETHYL OXYHYDRATE | NAS 0379 | FEMA 2996 |
| | | | | SALICYLALDEHYDE | | FEMA 3004 |
| | | | | A&-TERPINEOL | | FEMA 3045 |
| | | | | TERPINOLENE | | FEMA 3046 |
| | | | | TERPINYL ACETATE | | FEMA 3047 |
| | | | | THYMOL | | FEMA 3066 |
| | | | | TOLUALD. GLYCERYL ACETAL | | FEMA 3067 |
| | | | | TOLUALDEHYDES | | FEMA 3068 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 30 | HARD CANDY(R) | 11 | FLAV AGNT | OO-TOLYL ACETATE | | FEMA 3072 |
| | | | | PO-TOLYL ACETATE | | FEMA 3073 |
| | | | | 2-TRIDECENAL | | FEMA 3082 |
| | | | | GG-UNDECALACTONE | | FEMA 3091 |
| | | | | 10-UNDECENAL | | FEMA 3095 |
| | | | | VALERALDEHYDE | | FEMA 3098 |
| | | | | VALERIC ACID | | FEMA 3101 |
| | | | | ISOVALERIC ACID | | FEMA 3102 |
| | | | | VERATRALDEHYDE | | FEMA 3109 |
| | | | | ZINGERONE | | FEMA 3124 |
| | | | | ISO-AMYL ISO-BUTYRATE | | FEMA 3253 |
| | | | | CADINENE | | FEMA 3263 |
| | | | | 1,4-CINEOLE | | FEMA 3275 |
| | | | | ETHYL MALTOL | | FEMA 3298 |
| | | | | PERILLALDEHYDE | | FEMA 3340 |
| | | | | GAMMA-TERPINENE | | FEMA 3342 |
| | | | | METHYL DIHYDROABIETATE | | FEMA 3351 |
| | | | | POLYLIMONENE | | FEMA 3375 |
| | | | | ALLYL HEPTANOATE | | FEMA 2031 |
| | | | | BIRCH, SWEET, OIL | | FEMA 2154 |
| | | | | DIHYDROCOUMARIN | | FEMA 2381 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| | | | | FURFURAL | | FEMA 2489 |
| | | | | FURFURYL ACETATE | | FEMA 2490 |
| | | | | FURFURYL ALCOHOL | | FEMA 2491 |
| | | | | FURFURYL MERCAPTAN | | FEMA 2493 |
| | | | | FURYL ACROLEIN | | FEMA 2494 |
| | | | | 6-METHYLCOUMARIN | | FEMA 2699 |
| | | | | METHYL 2-FUROATE | | FEMA 2703 |
| | | | | METHYL SALICYLATE | | FEMA 2745 |
| | | | | MUSK AMBRETTE | | FEMA 2758 |
| | | | | BG-NAPHTHYL ANTHRANILATE | | FEMA 2767 |
| | | | | BG-NAPHTHYL ETHYL ETHER | | FEMA 2768 |
| | | | | PINE NEEDLE, OIL | | FEMA 2905 |
| | | | | PYROLIGNEOUS ACID | | FEMA 2967 |
| | | | | STEARIC ACID | NAS 0479 | FEMA 3035 |
| | | | | VANILLIN | NAS 0336 | FEMA 3107 |
| | | | | WINTERGREEN, OIL | | FEMA 3113 |
| | | | | FURFURYL THIOACETATE | | FEMA 3162 |
| | | | | C3-HEXEN-1-YL ACETATE | | FEMA 3171 |
| | | | | 2-METHOXY-X-METHYLPYRAZIN | | FEMA 3183 |
| | | | | 2,2-THIODIMETHYLENE-DIFUR | | FEMA 3238 |
| | | | | TRIPROPIONINE | | FEMA 3402 |
| | | | | APPLE JUICE, CONC. | | FEMA 3677 |
| | | | | BANANA, PURE, CONC. | | FEMA 3678 |
| | | | | BLACKBERRY, FRUIT, EXT. | | FEMA 3680 |
| | | | | BUTTER | NAS 0523 | FEMA 3681 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 30 | HARD CANDY(R) | 11 | FLAV AGNT | BUTTERMILK POWDER | NAS 0519 | FEMA 3682 |
| | | | | CHERRY JUICE, CONC. | | FEMA 3683 |
| | | | | CINNAMON OLEORESIN | | FEMA 3684 |
| | | | | SOLID EXTRACT COFFEE | | FEMA 3571 |
| | | | | CORN OIL | NAS 0374 | FEMA 3675 |
| | | | | COTTONSEED OIL | NAS 0376 | FEMA 3660 |
| | | | | CURRANT JUICE, BLACK | | FEMA 3661 |
| | | | | DEXTRIN | NAS 0338 | FEMA 3556 |
| | | | | ETHYL CELLULOSE | | FEMA 3663 |
| | | | | ETHYL PRALINE | | FEMA 3685 |
| | | | | GERANIUM, ABSOLUTE | | FEMA 3665 |
| | | | | HOREHOUND, SOLID, EXT. | | FEMA 3686 |
| | | | | INVERT SUGAR SYRUP | NAS 0430 | FEMA 3687 |
| | | | | LACTOSE | NAS 0406 | FEMA 3667 |
| | | | | LIME JUICE, DEHYDRATED | | FEMA 3688 |
| | | | | LIME, OIL, DIST. | | FEMA 3689 |
| | | | | LIME, OIL, EXPRESSED | | FEMA 3690 |
| | | | | MOLASSES | NAS 0368 | FEMA 3679 |
| | | | | MOLASSES, CONC. | | FEMA 3691 |
| | | | | PINEAPPLE, FLAVOR, INIT. | | FEMA 3693 |
| | | | | SOYBEAN OIL | NAS 0407 | FEMA 3695 |
| | | | | ST JOHNS BREAD SOLID,EXT. | | FEMA 3694 |
| | | | | STRAWBERRY, JUICE | | FEMA 3696 |
| | | | | STYRAX, OIL | | FEMA 3697 |
| | | | | SUGAR, SOLID, EXT. | | FEMA 3698 |
| | | | | TURPENTINE, RECTIFIED | | FEMA 3700 |
| | | | | VALERIAN ROOT, EXT. | | FEMA 3701 |
| | | | | VEGETABLE OIL | NAS 0436 | FEMA 3702 |
| 30 | HARD CANDY(R) | 13 | FORMUL AID | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | POTASSIUM ACID TARTRATE | NAS 0146 | |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | SUCROSE | NAS 0328 | |
| 30 | HARD CANDY(R) | 17 | LUBRICANT | BEESWAX | NAS 0026 | |
| | | | | CALCIUM CARBONATE | NAS 0038 | |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MAGNESIUM CARBONATE | NAS 0110 | |
| | | | | MAGNESIUM OXIDE | NAS 0112 | |
| | | | | CANDELILLA WAX | NAS 0261 | |
| 30 | HARD CANDY(R) | 19 | NUTR SUPPL | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | SODIUM ASCORBATE | NAS 0180 | FEMA 3525 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | SUCROSE | NAS 0328 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 30 | HARD CANDY(R) | 20 | PH CONTROL | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | POTASSIUM CITRATE | NAS 0152 | |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| 30 | HARD CANDY(R) | 21 | PRESERVATV | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| 30 | HARD CANDY(R) | 22 | PROCES AID | POTASSIUM ACID TARTRATE | NAS 0146 | |
| 30 | HARD CANDY(R) | 25 | SOLV VEHIC | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | BUTYLENE GLYCOL | NAS 0531 | FEMA 3516 |
| 30 | HARD CANDY(R) | 26 | STBLZ THKR | MANNITOL | NAS 0126 | FEMA 3520 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| 30 | HARD CANDY(R) | 40 | NUTR SWEET | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | SUCROSE | NAS 0328 | |
| 31 | CHEWING GUM(R) | 01 | ANTICAKNG | CALCIUM CARBONATE | NAS 0038 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| 31 | CHEWING GUM(R) | 02 | ANTIOXIDNT | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | PROPYL GALLATE | NAS 0165 | FEMA 2947 |
| 31 | CHEWING GUM(R) | 07 | EMULSIFIER | LECITHIN | NAS 0104 | FEMA 3519 |
| 31 | CHEWING GUM(R) | 08 | ENZYME | PEPSIN | NAS 0296 | |
| 31 | CHEWING GUM(R) | 11 | FLAV AGNT | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | BENZOIC ACID | NAS 0029 | FEMA 2131 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | BUTYLATED HYDROXYTOLUENE | NAS 0033 | FEMA 2184 |
| | | | | CAPRYLIC ACID | NAS 0058 | FEMA 2799 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | ETHYL FORMATE | NAS 0079 | FEMA 2434 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MALIC ACID | NAS 0118 | FEMA 2655 |
| | | | | PROPIONIC ACID | NAS 0163 | FEMA 2924 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SACCHARIN | NAS 0171 | FEMA 3672 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| | | | | TARTARIC ACID | NAS 0219 | FEMA 3044 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 31 | CHEWING GUM(R) | 11 | FLAV AGNT | TRIACETIN | NAS 0233 | FEMA 2007 |
| | | | | TRIETHYL CITRATE | NAS 0234 | FEMA 3083 |
| | | | | CORN MINT OIL | NAS 0269 | |
| | | | | ALLSPICE, OIL | | FEMA 2018 |
| | | | | ALMOND OIL, BITTER, FFPA | | FEMA 2046 |
| | | | | AMBRETTE SEED, OIL | | FEMA 2051 |
| | | | | ANISE, OIL | | FEMA 2094 |
| | | | | BALSAM, PERU | | FEMA 2116 |
| | | | | BALSAM, PERU, OIL | | FEMA 2117 |
| | | | | BASIL, OIL | | FEMA 2119 |
| | | | | BAY LEAVES, W IND, RESIN | | FEMA 2123 |
| | | | | BAY, SWEET, OIL | | FEMA 2125 |
| | | | | BERGAMOT, OIL | | FEMA 2153 |
| | | | | CANANGA, OIL | | FEMA 2232 |
| | | | | CAPSICUM, OLEORESIN | | FEMA 2234 |
| | | | | CARAWAY, OIL | | FEMA 2238 |
| | | | | CARROT, OIL | | FEMA 2244 |
| | | | | CASSIA BARK, OIL | | FEMA 2258 |
| | | | | CASTOREUM, EXTRACT | | FEMA 2261 |
| | | | | CASTOREUM, LIQUID | | FEMA 2262 |
| | | | | CELERY SEED, OIL | | FEMA 2271 |
| | | | | CHAMOMILE FLOWER OIL, HUN | | FEMA 2273 |
| | | | | CHAMOMILE FLOWER OIL, ROM | | FEMA 2275 |
| | | | | CHERRY BARK, WILD, EXT | | FEMA 2276 |
| | | | | CINNAMON BARK, OIL | | FEMA 2291 |
| | | | | CINNAMON LEAF, OIL | | FEMA 2292 |
| | | | | CIVET, ABSOLUTE | | FEMA 2319 |
| | | | | CLOVE BUD, OIL | | FEMA 2323 |
| | | | | CLOVE LEAF, OIL | | FEMA 2325 |
| | | | | CLOVE STEM, OIL | | FEMA 2328 |
| | | | | COGNAC, GREEN, OIL | | FEMA 2331 |
| | | | | COGNAC, WHITE, OIL | | FEMA 2332 |
| | | | | CORIANDER, OIL | | FEMA 2334 |
| | | | | CUMIN, OIL | | FEMA 2343 |
| | | | | DILL, OIL | | FEMA 2383 |
| | | | | FENNEL, SWEET, OIL | | FEMA 2483 |
| | | | | FENUGREEK, EXTRACT | | FEMA 2485 |
| | | | | GERANIUM, ROSE, OIL | | FEMA 2508 |
| | | | | GINGER, OIL | | FEMA 2522 |
| | | | | GLYCYRRHIZIN, AMMONIATED | | FEMA 2528 |
| | | | | GRAPEFRUIT, OIL | | FEMA 2530 |
| | | | | HOPS, OIL | | FEMA 2580 |
| | | | | HYSSOP, OIL | | FEMA 2591 |
| | | | | IMMORTELLE, EXTRACT | | FEMA 2592 |
| | | | | JASMINE, ABSOLUTE | | FEMA 2598 |
| | | | | JASMINE, OIL | | FEMA 2600 |
| | | | | LEMON-GRASS, OIL | | FEMA 2624 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 31 | CHEWING GUM(R) | 11 | FLAV AGNT | LEMON, OIL | | FEMA 2625 |
| | | | | LEMON OIL, TERP/LESS | | FEMA 2626 |
| | | | | LICORICE, EXTRACT | | FEMA 2628 |
| | | | | LICORICE, EXT POWDER | | FEMA 2629 |
| | | | | LIME, OIL | | FEMA 2631 |
| | | | | LIME OIL, TERPENELESS | | FEMA 2632 |
| | | | | MACE, OIL | | FEMA 2653 |
| | | | | MANDARIN, OIL | | FEMA 2657 |
| | | | | MENTHOL | | FEMA 2665 |
| | | | | NEROLI BIGARDE, OIL | | FEMA 2771 |
| | | | | NUTMEG, OIL | | FEMA 2793 |
| | | | | ORANGE BLOSSOMS, ABS | | FEMA 2818 |
| | | | | ORANGE OIL | NAS 0493 | FEMA 2821 |
| | | | | ORANGE, OIL, TERPENELESS | | FEMA 2822 |
| | | | | ORANGE PEEL, BITTER, OIL | | FEMA 2823 |
| | | | | ORANGE PEEL, SWEET, OIL | | FEMA 2825 |
| | | | | ORNGPL OIL SWEET TERP/LES | | FEMA 2826 |
| | | | | PEPPERMINT, OIL | | FEMA 2848 |
| | | | | PETITGRAIN, OIL | | FEMA 2855 |
| | | | | PIMENTA LEAF, OIL | | FEMA 2901 |
| | | | | ROSE, ABSOLUTE | | FEMA 2988 |
| | | | | ROSE BULG/TRUE OTTO, OIL | | FEMA 2989 |
| | | | | SPEARMINT, OIL | | FEMA 3032 |
| | | | | TANGERINE, OIL | | FEMA 3041 |
| | | | | VIOLET LEAVES, ABSOL | | FEMA 3110 |
| | | | | YLANG YLANG, OIL | | FEMA 3119 |
| | | | | ACETALDEHYDE | NAS 0448 | FEMA 2003 |
| | | | | ACETOIN | NAS 0363 | FEMA 2008 |
| | | | | ANETHOLE | | FEMA 2086 |
| | | | | BENZALDEHYDE | NAS 0367 | FEMA 2127 |
| | | | | N-BUTYRIC ACID | NAS 0337 | FEMA 2221 |
| | | | | CARVONE | | FEMA 2249 |
| | | | | CINNAMALDEHYDE | | FEMA 2286 |
| | | | | CITRAL | | FEMA 2303 |
| | | | | DECANAL | | FEMA 2362 |
| | | | | DIACETYL | | FEMA 2370 |
| | | | | ETHYL ACETATE | NAS 0449 | FEMA 2414 |
| | | | | ETHYL BUTYRATE | | FEMA 2427 |
| | | | | ETHYL METHYLPHENYLGLYCIDA | | FEMA 2444 |
| | | | | ETHYL VANILLIN | | FEMA 2464 |
| | | | | EUGENOL | | FEMA 2467 |
| | | | | GERANIOL | | FEMA 2507 |
| | | | | GERANYL ACETATE | | FEMA 2509 |
| | | | | /&/-LIMONENE | | FEMA 2633 |
| | | | | LINALOOL | | FEMA 2635 |
| | | | | LINALYL ACETATE | | FEMA 2636 |
| | | | | METHYL ANTHRANILATE | NAS 0563 | FEMA 2682 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 31 | CHEWING GUM(R) | 11 | FLAV AGNT | PIPERONAL | FEMA 2911 |
| | | | | BENZOIN, RESIN | FEMA 2133 |
| | | | | BUCHU LEAVES, OIL | FEMA 2169 |
| | | | | CASSIE, ABSOLUTE | FEMA 2260 |
| | | | | CUBEBS, OIL | FEMA 2339 |
| | | | | DAVANA, OIL | FEMA 2359 |
| | | | | EUCALYPTUS, OIL | FEMA 2466 |
| | | | | GENET, ABSOLUTE | FEMA 2504 |
| | | | | GUAIAC WOOD, OIL | FEMA 2534 |
| | | | | LABDANUM, ABSOLUTE | FEMA 2608 |
| | | | | LABDANUM, OIL | FEMA 2609 |
| | | | | LOVAGE, OIL | FEMA 2651 |
| | | | | MYRRH, OIL | FEMA 2766 |
| | | | | ORRIS, CONCRETE, LIQ/OIL | FEMA 2829 |
| | | | | ORRIS ROOT EXTRACT | FEMA 2830 |
| | | | | PATCHOULY, OIL | FEMA 2838 |
| | | | | PENNYROYAL, OIL | FEMA 2839 |
| | | | | SANDALWOOD, YELLOW, OIL | FEMA 3005 |
| | | | | SPRUCE, OIL | FEMA 3034 |
| | | | | STORAX | FEMA 3036 |
| | | | | TAGETES, OIL | FEMA 3040 |
| | | | | TOLU, BALSAM, EXTRACT | FEMA 3069 |
| | | | | TURPENTINE, STEAM DIS | FEMA 3089 |
| | | | | VALERIAN ROOT, OIL | FEMA 3100 |
| | | | | ACETAL | FEMA 2002 |
| | | | | ACETANISOLE | FEMA 2005 |
| | | | | ACETOPHENONE | FEMA 2009 |
| | | | | ALLYL CYCLOHEXANEPROPIONA | FEMA 2026 |
| | | | | ALLYL HEXANOATE | FEMA 2032 |
| | | | | ISOAMYL ACETATE | FEMA 2055 |
| | | | | AMYL ALCOHOL | FEMA 2056 |
| | | | | ISOAMYL ALCOHOL | FEMA 2057 |
| | | | | ISOAMYL BENZOATE | FEMA 2058 |
| | | | | AMYL BUTYRATE | FEMA 2059 |
| | | | | ISOAMYL BUTYRATE | FEMA 2060 |
| | | | | AMYL FORMATE | FEMA 2068 |
| | | | | ISOAMYL FORMATE | FEMA 2069 |
| | | | | AMYL HEPTANOATE | FEMA 2073 |
| | | | | AMYL HEXANOATE | FEMA 2074 |
| | | | | ISOAMYL HEXANOATE | FEMA 2075 |
| | | | | AMYL OCTANOATE | FEMA 2079 |
| | | | | ISOAMYL PROPIONATE | FEMA 2082 |
| | | | | ISOAMYL SALICYLATE | FEMA 2084 |
| | | | | ISOAMYL ISOVALERATE | FEMA 2085 |
| | | | | ANISYL ACETATE | FEMA 2098 |
| | | | | BENZALD. GLYCERYL ACETAL | FEMA 2129 |
| | | | | BENZOIN | FEMA 2132 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 31 | CHEWING GUM(R) | 11 | FLAV AGNT | BENZYL ACETATE | FEMA 2135 |
| | | | | BENZYL ACETOACETATE | FEMA 2136 |
| | | | | BENZYL ALCOHOL | FEMA 2137 |
| | | | | BENZYL BENZOATE | FEMA 2138 |
| | | | | BENZYL BUTYRATE | FEMA 2140 |
| | | | | BENZYL CINNAMATE | FEMA 2142 |
| | | | | BENZYL FORMATE | FEMA 2145 |
| | | | | BENZYL PHENYLACETATE | FEMA 2149 |
| | | | | BENZYL PROPIONATE | FEMA 2150 |
| | | | | BOIS DE ROSE, OIL | FEMA 2156 |
| | | | | BORNEOL | FEMA 2157 |
| | | | | ISOBORNEOL | FEMA 2158 |
| | | | | BORNYL ACETATE | FEMA 2159 |
| | | | | 2-BUTANONE | FEMA 2170 |
| | | | | BUTTER STARTER DIST | FEMA 2173 |
| | | | | BUTYL ACETATE | FEMA 2174 |
| | | | | ISOBUTYL ACETATE | FEMA 2175 |
| | | | | ISOBUTYL ALCOHOL | FEMA 2179 |
| | | | | BUTYL ANTHRANILATE | FEMA 2181 |
| | | | | ISOBUTYL ANTHRANILATE | FEMA 2182 |
| | | | | BUTYL BUTYRATE | FEMA 2186 |
| | | | | ISOBUTYL CINNAMATE | FEMA 2193 |
| | | | | BUTYL HEPTANOATE | FEMA 2199 |
| | | | | ISOBUTYL HEXANOATE | FEMA 2202 |
| | | | | ISOBUTYL PHENYLACETATE | FEMA 2210 |
| | | | | BUTYL PROPIONATE | FEMA 2211 |
| | | | | BUTYL STEARATE | FEMA 2214 |
| | | | | BUTYL ISOVALERATE | FEMA 2218 |
| | | | | ISOBUTYRIC ACID | FEMA 2222 |
| | | | | CARVACROL | FEMA 2245 |
| | | | | CARVEOL | FEMA 2247 |
| | | | | 4-CARVOMENTHENOL | FEMA 2248 |
| | | | | CARVYL ACETATE | FEMA 2250 |
| | | | | BE-CARYOPHYLLENE | FEMA 2252 |
| | | | | CINNAMYL ALCOHOL | FEMA 2294 |
| | | | | CINNAMYL BUTYRATE | FEMA 2296 |
| | | | | CINNAMYL ISOBUTYRATE | FEMA 2297 |
| | | | | CINNAMYL CINNAMATE | FEMA 2298 |
| | | | | CINNAMYL PROPIONATE | FEMA 2301 |
| | | | | CINNAMYL ISOVALERATE | FEMA 2302 |
| | | | | CITRONELLAL | FEMA 2307 |
| | | | | DL-CITRONELLOL | FEMA 2309 |
| | | | | CITRONELLYL ACETATE | FEMA 2311 |
| | | | | CITRONELLYL BUTYRATE | FEMA 2312 |
| | | | | CUMINALDEHYDE | FEMA 2341 |
| | | | | P-CYMENE | FEMA 2356 |
| | | | | GE-DECALACTONE | FEMA 2360 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 31 | CHEWING GUM(R) | 11 | FLAV AGNT | 1-DECANOL | FEMA 2365 |
| | | | | DECYL ACETATE | FEMA 2367 |
| | | | | DECYL PROPIONATE | FEMA 2369 |
| | | | | DIBENZYL ETHER | FEMA 2371 |
| | | | | DIETHYL MALONATE | FEMA 2375 |
| | | | | DIETHYL SEBACATE | FEMA 2376 |
| | | | | DIHYDROCARVEOL | FEMA 2379 |
| | | | | P&-DIMETHOXYBENZENE | FEMA 2386 |
| | | | | 2,6-DIMETHYL-5-HEPTENAL | FEMA 2389 |
| | | | | A&-DIMETHYLPHENETHYL ACET | FEMA 2392 |
| | | | | A&-DIMETHYLPHENETHYL ALCO | FEMA 2393 |
| | | | | G&-DODECALACTONE | FEMA 2400 |
| | | | | ESTRAGOLE | FEMA 2411 |
| | | | | ETHYL ACETOACETATE | FEMA 2415 |
| | | | | ETHYL ACONITATE | FEMA 2417 |
| | | | | ETHYL ACRYLATE | FEMA 2418 |
| | | | | ETHYL ANTHRANILATE | FEMA 2421 |
| | | | | ETHYL BENZOATE | FEMA 2422 |
| | | | | ETHYL ISOBUTYRATE | FEMA 2428 |
| | | | | ETHYL CINNAMATE | FEMA 2430 |
| | | | | ETHYL DECANOATE | FEMA 2432 |
| | | | | ETHYL HEPTANOATE | FEMA 2437 |
| | | | | ETHYL HEXANOATE | FEMA 2439 |
| | | | | ETHYL LACTATE | FEMA 2440 |
| | | | | ETHYL LAURATE | FEMA 2441 |
| | | | | ETHYL 2-METHYLBUTYRATE | FEMA 2443 |
| | | | | ETHYL MYRISTATE | FEMA 2445 |
| | | | | ETHYL NITRITE | FEMA 2446 |
| | | | | ETHYL NONANOATE | FEMA 2447 |
| | | | | ETHYL OCTANOATE | FEMA 2449 |
| | | | | ETHYL PROPIONATE | FEMA 2456 |
| | | | | ETHYL PYRUVATE | FEMA 2457 |
| | | | | ETHYL SALICYLATE | FEMA 2458 |
| | | | | ETHYL TIGLATE | FEMA 2460 |
| | | | | ETHYL VALERATE | FEMA 2462 |
| | | | | ETHYL ISOVALERATE | FEMA 2463 |
| | | | | EUCALYPTOL | FEMA 2465 |
| | | | | ISOEUGENOL | FEMA 2468 |
| | | | | EUGENYL METHYL ETHER | FEMA 2475 |
| | | | | FENCHYL ALCOHOL | FEMA 2480 |
| | | | | ISOAMYL FUSEL OIL | FEMA 2497 |
| | | | | GERANYL BENZOATE | FEMA 2511 |
| | | | | GERANYL BUTYRATE | FEMA 2512 |
| | | | | GERANYL FORMATE | FEMA 2514 |
| | | | | GERANYL PROPIONATE | FEMA 2517 |
| | | | | GERANYL ISOVALERATE | FEMA 2518 |
| | | | | GUAIACOL | FEMA 2532 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 31 | CHEWING GUM(R) | 11 | FLAV AGNT | HEPTANAL | FEMA 2540 |
| | | | | 2-HEPTANONE | FEMA 2544 |
| | | | | 4-HEPTANONE | FEMA 2546 |
| | | | | HEPTYL ACETATE | FEMA 2547 |
| | | | | HEPTYL ALCOHOL | FEMA 2548 |
| | | | | HEPTYL BUTYRATE | FEMA 2549 |
| | | | | HEPTYL ISOBUTYRATE | FEMA 2550 |
| | | | | HEPTYL CINNAMATE | FEMA 2551 |
| | | | | W&-6-HEXADECENLACTONE | FEMA 2555 |
| | | | | HEXANAL | FEMA 2557 |
| | | | | HEXANOIC ACID | FEMA 2559 |
| | | | | 2-HEXENOL-1 | FEMA 2562 |
| | | | | 3-HEXENOL-1 | FEMA 2563 |
| | | | | HEXYL ACETATE | FEMA 2565 |
| | | | | HEXYL ALCOHOL | FEMA 2567 |
| | | | | HEXYL BUTYRATE | FEMA 2568 |
| | | | | HEXYL HEXANOATE | FEMA 2572 |
| | | | | HYDROXYCITRONELLAL | FEMA 2583 |
| | | | | HYDROXYCITRONELLAL DIMETH | FEMA 2585 |
| | | | | 4-P-HYDROXYPHEN-BUTANONE | FEMA 2588 |
| | | | | A&-IONONE | FEMA 2594 |
| | | | | B&-IONONE | FEMA 2595 |
| | | | | LAURIC ALDEHYDE | FEMA 2615 |
| | | | | LAURYL ALCOHOL | FEMA 2617 |
| | | | | LINALYL FORMATE | FEMA 2642 |
| | | | | MALTOL | FEMA 2656 |
| | | | | MENTHONE | FEMA 2667 |
| | | | | MENTHYL ISOVALERATE | FEMA 2669 |
| | | | | P@-METHOXYBENZALDEHYDE | FEMA 2670 |
| | | | | 2-METHOXY-4-METHYLPHENOL | FEMA 2671 |
| | | | | P@-METHYL ACETOPHENONE | FEMA 2677 |
| | | | | P@-METHYLANISOLE | FEMA 2681 |
| | | | | METHYL BENZOATE | FEMA 2683 |
| | | | | A&-METHYLBENZYL ACETATE | FEMA 2684 |
| | | | | A&-METHYLBENZYL ALCOHOL | FEMA 2685 |
| | | | | METHYL BUTYRATE | FEMA 2693 |
| | | | | METHYL ISOBUTYRATE | FEMA 2694 |
| | | | | A&-METHYLCINNAMALDEHYDE | FEMA 2697 |
| | | | | METHYL CINNAMATE | FEMA 2698 |
| | | | | METHYLCYCLOPENTENOLONE | FEMA 2700 |
| | | | | 2-METHYLHEPTANOIC ACID | FEMA 2706 |
| | | | | 6-METHYL-5-HEPTENONE-2 | FEMA 2707 |
| | | | | METHYL HEXANOATE | FEMA 2708 |
| | | | | METHYL-A&-IONONE | FEMA 2711 |
| | | | | METHYL-B&-IONONE | FEMA 2712 |
| | | | | METHYL-D&-IONONE | FEMA 2713 |
| | | | | ISOMETHYLIONONE, A&- | FEMA 2714 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FLCD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 31 | CHEWING GUM(R) | 11 | FLAV AGNT | METHYL N-METHYLANTHRANILA | FEMA 2718 |
| | | | | METHYL 2-METHYLBUTYRATE | FEMA 2719 |
| | | | | METHYL 3-METHYLTHIOPROPIO | FEMA 2720 |
| | | | | METHYL 6&-NAPHTHYL KETONE | FEMA 2723 |
| | | | | METHYL 2-NONYNOATE | FEMA 2726 |
| | | | | METHYL 2-OCTYNOATE | FEMA 2729 |
| | | | | METHYL PHENYLACETATE | FEMA 2733 |
| | | | | METHYL PROPIONATE | FEMA 2742 |
| | | | | VIOLET ALPINE | FEMA 2743 |
| | | | | 6-METHYLQUINOLINE | FEMA 2744 |
| | | | | DIMETHYL SULFIDE | FEMA 2746 |
| | | | | 2-METHYL-3-TOLYL PROPIONA | FEMA 2748 |
| | | | | 2-METHYLUNDECANAL | FEMA 2749 |
| | | | | METHYL ISOVALERATE | FEMA 2753 |
| | | | | MYRCENE | FEMA 2762 |
| | | | | NEROL | FEMA 2770 |
| | | | | NERYL ACETATE | FEMA 2773 |
| | | | | 6&-NONALACTONE | FEMA 2781 |
| | | | | NONANAL | FEMA 2782 |
| | | | | 2-NONANONE | FEMA 2785 |
| | | | | N-/4-HYDROXY-3-METHOXYBEN | FEMA 2787 |
| | | | | NONYL ACETATE | FEMA 2788 |
| | | | | NONYL ALCOHOL | FEMA 2789 |
| | | | | 6&-OCTALACTONE | FEMA 2796 |
| | | | | OCTANAL | FEMA 2797 |
| | | | | 1-OCTANOL | FEMA 2800 |
| | | | | 2-OCTANONE | FEMA 2802 |
| | | | | 3-OCTANONOL-1 | FEMA 2804 |
| | | | | 1-OCTENOL-3 | FEMA 2805 |
| | | | | OCTYL ACETATE | FEMA 2806 |
| | | | | 2,3-PENTANEDIONE | FEMA 2841 |
| | | | | A&-PHELLANDRENE | FEMA 2856 |
| | | | | PHENETHYL ALCOHOL | FEMA 2858 |
| | | | | PHENETHYL ISOBUTYRATE | FEMA 2862 |
| | | | | PHENETHYL FORMATE | FEMA 2864 |
| | | | | PHENETHYL PHENYLACETATE | FEMA 2866 |
| | | | | PHENETHYL PROPIONATE | FEMA 2867 |
| | | | | PHENETHYL ISOVALERATE | FEMA 2871 |
| | | | | PHENYLACETALDEHYDE | FEMA 2874 |
| | | | | 1-PHENYLPROPANOL-1 | FEMA 2884 |
| | | | | 3-PHENYLPROPANOL-1 | FEMA 2885 |
| | | | | 3-PHENYLPROPIONALDEHYDE | FEMA 2887 |
| | | | | 3-PHENYLPROPYL ACETATE | FEMA 2890 |
| | | | | 2-/3-PHENYLPROPYL/-TETRAH | FEMA 2898 |
| | | | | A&-PINENE | FEMA 2902 |
| | | | | NOPINENE | FEMA 2903 |
| | | | | PROPENYLGUAETHOL | FEMA 2922 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 31 | CHEWING GUM(R) | 11 | FLAV AGNT | PROPYL ACETATE | | FEMA 2925 |
| | | | | PROPYL ALCOHOL | | FEMA 2928 |
| | | | | PROPYL CINNAMATE | | FEMA 2938 |
| | | | | 3-PROPYLIDENEPHTHALIDE | | FEMA 2952 |
| | | | | 3 P-ISOPROPYL-PHENYLPROPI | | FEMA 2957 |
| | | | | PROPYL PROPIONATE | | FEMA 2958 |
| | | | | PULEGONE | | FEMA 2963 |
| | | | | RHODINOL | | FEMA 2980 |
| | | | | ETHYL OXYHYDRATE | NAS 0379 | FEMA 2996 |
| | | | | SALICYLALDEHYDE | | FEMA 3004 |
| | | | | SANTALOL | | FEMA 3006 |
| | | | | SANTALYL ACETATE | | FEMA 3007 |
| | | | | SKATOLE | | FEMA 3019 |
| | | | | A&-TERPINEOL | | FEMA 3045 |
| | | | | TERPINOLENE | | FEMA 3046 |
| | | | | TERPINYL ACETATE | | FEMA 3047 |
| | | | | TETRAMETHYL-ET-CYCLOHEXEN | | FEMA 3061 |
| | | | | TOLUALDEHYDES | | FEMA 3068 |
| | | | | O@-TOLYL ACETATE | | FEMA 3072 |
| | | | | P@-TOLYL ACETATE | | FEMA 3073 |
| | | | | G&-UNDECALACTONE | | FEMA 3091 |
| | | | | VALERIC ACID | | FEMA 3101 |
| | | | | ISOVALERIC ACID | | FEMA 3102 |
| | | | | VERATRALDEHYDE | | FEMA 3109 |
| | | | | STYRENE | | FEMA 3233 |
| | | | | 1,4-CINEOLE | | FEMA 3275 |
| | | | | CITRAL PROP GLY ACETAL | | FEMA 3277 |
| | | | | ETHYL MALTOL | | FEMA 3298 |
| | | | | 3-HEXENL-2-MEBUTYRATE | | FEMA 3316 |
| | | | | 3-HEXYNEL ISO-VALERATE | | FEMA 3317 |
| | | | | HEXYL, ISO-VALERATE | | FEMA 3318 |
| | | | | HEXYL-2-METHYLBUTYRATE | | FEMA 3319 |
| | | | | GAMMA-TERPINENE | | FEMA 3342 |
| | | | | 3-OCTANOL | | FEMA 3360 |
| | | | | 3-OCTYL ACETATE | | FEMA 3363 |
| | | | | PHENYLALANINE | | FEMA 3371 |
| | | | | POLYLIMONENE | | FEMA 3375 |
| | | | | ALLYL HEPTANOATE | | FEMA 2031 |
| | | | | BIRCH, SWEET, OIL | | FEMA 2154 |
| | | | | DECANOIC ACID | | FEMA 2364 |
| | | | | DIHYDROCOUMARIN | | FEMA 2381 |
| | | | | ETHYL ALCOHOL | NAS 0377 | FEMA 2419 |
| | | | | FURFURAL | | FEMA 2489 |
| | | | | METHYL SALICYLATE | | FEMA 2745 |
| | | | | MUSK AMBRETTE | | FEMA 2758 |
| | | | | B&-NAPHTHYL ANTHRANILATE | | FEMA 2767 |
| | | | | B&-NAPHTHYL ETHYL ETHER | | FEMA 2768 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 31 | CHEWING GUM(R) | 11 | FLAV AGNT | VANILLIN | NAS 0336 | FEMA 3107 |
| | | | | WINTERGREEN, OIL | | FEMA 3113 |
| | | | | 5-ET-3-HO-4-ME-2/5H/-FURA | | FEMA 3153 |
| | | | | T2-HEXENOIC ACID | | FEMA 3169 |
| | | | | C3-HEXEN-1-YL ACETATE | | FEMA 3171 |
| | | | | YARA YARA | | FEMA 3409 |
| | | | | BUTYL SALICYLATE | | FEMA 3419 |
| | | | | CARVONE OXIDE | | FEMA 3487 |
| | | | | COCONUT OIL | NAS 0373 | FEMA 3659 |
| | | | | CORN OIL | NAS 0374 | FEMA 3675 |
| | | | | COTTONSEED OIL | NAS 0376 | FEMA 3660 |
| | | | | CURRANT JUICE, BLACK | | FEMA 3661 |
| | | | | DEXTRIN | NAS 0338 | FEMA 3556 |
| | | | | DIHYDRO CARVONE | | FEMA 3662 |
| | | | | ETHYL CELLULOSE | | FEMA 3663 |
| | | | | ETHYL OENANTHATE | | FEMA 3664 |
| | | | | GERANIUM, ABSOLUTE | | FEMA 3665 |
| | | | | HO LEAF OIL | | FEMA 3666 |
| | | | | LACTOSE | NAS 0406 | FEMA 3667 |
| | | | | LIME TERPENES | | FEMA 3668 |
| | | | | 1-LIMONENE | | FEMA 3669 |
| | | | | OPOPANAX TINCTURE | | FEMA 3670 |
| | | | | ORANGE TERPENES | | FEMA 3671 |
| | | | | G&-TERPINENE | | FEMA 3673 |
| | | | | G&-TOCOPHEROL | | FEMA 3674 |
| | | | | VETIVER, OIL | | FEMA 3676 |
| 31 | CHEWING GUM(R) | 13 | FORMUL AID | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MAGNESIUM STEARATE | NAS 0116 | |
| | | | | MANNITOL | NAS 0126 | FEMA 3520 |
| | | | | METHYLCELLULOSE | NAS 0127 | FEMA 2696 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | CALCIUM STEARATE | NAS 0260 | FEMA 3572 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | LECITHIN, MOD W/HYD PER | NAS 0287 | |
| | | | | MALT SYRUP | NAS 0291 | FEMA 3579 |
| | | | | MILK POWDR WHOLE, ENZ MOD | NAS 0293 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | DEXTRIN | NAS 0338 | FEMA 3556 |
| | | | | VEGETABLE OIL, HYDROGENAT | NAS 0438 | |
| 31 | CHEWING GUM(R) | 15 | HUMECTANT | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 31 | CHEWING GUM(R) | 15 | HUMECTANT | TRIACETIN | NAS 0233 | FEMA 2007 |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | INVERT SUGAR | NAS 0429 | |
| 31 | CHEWING GUM(R) | 17 | LUBRICANT | CALCIUM CARBONATE | NAS 0038 | |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | MAGNESIUM SILICATE | NAS 0115 | |
| | | | | MAGNESIUM STEARATE | NAS 0116 | |
| | | | | CALCIUM STEARATE | NAS 0260 | FEMA 3572 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | TALC | NAS 0567 | |
| 31 | CHEWING GUM(R) | 20 | PH CONTROL | SODIUM PHOSPHATE MONO | NAS 0198 | FEMA 3534 |
| 31 | CHEWING GUM(R) | 22 | PROCES AID | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | DEXTRIN | NAS 0338 | FEMA 3556 |
| 31 | CHEWING GUM(R) | 27 | SURFACTANT | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| 31 | CHEWING GUM(R) | 28 | SURF FINSH | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | BEESWAX | NAS 0026 | |
| | | | | BEESWAX, BLEACHED | NAS 0027 | FEMA 2126 |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CARNAUBA WAX | NAS 0061 | FEMA 3514 |
| | | | | MANNITOL | NAS 0126 | FEMA 3520 |
| | | | | CANDELILLA WAX | NAS 0261 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | WAX, SHELLAC | NAS 0332 | |
| | | | | TALC | NAS 0567 | |
| 31 | CHEWING GUM(R) | 29 | SYNERGIST | COPPER GLUCONATE | NAS 0069 | |
| | | | | CHLOROPHYLL | NAS 0266 | |
| | | | | VEGETABLE OIL, HYDROGENAT | NAS 0438 | |
| 31 | CHEWING GUM(R) | 31 | PASTIC SUB | CALCIUM CARBONATE | NAS 0038 | |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| | | | | CANDELILLA WAX | NAS 0261 | |
| | | | | GUMS, VEGETABLE | NAS 0282 | |
| | | | | COCOA BUTTER | NAS 0372 | |
| | | | | LARD, HYDROGENATED | NAS 0566 | |
| | | | | TALLOW, HYDROGENATED | NAS 0568 | |
| | | | | VEGETABLE OIL, HYDROGENAT | NAS 0438 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 31 | CHEWING GUM(R) | 40 | NUTR SWEET | SORBITOL | NAS 0212 | FEMA 3029 |
| 32 | GRAN SUGAR(R) | 03 | COLOR | SULFUR DIOXIDE | NAS 0217 | FEMA 3039 |
| 32 | GRAN SUGAR(R) | 17 | LUBRICANT | VEGETABLE OIL | NAS 0436 | FEMA 3702 |
| 32 | GRAN SUGAR(R) | 40 | NUTR SWEET | SUCROSE | NAS 0328 | |
| 33 | SUGAR SUBS(R) | 10 | FLAV ENHNC | CALCIUM LACTATE | NAS 0045 | FEMA 3535 |
| 33 | SUGAR SUBS(R) | 13 | FORMUL AID | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | DEXTRIN | NAS 0338 | FEMA 3556 |
| 33 | SUGAR SUBS(R) | 18 | NNTR SWEET | CALCIUM GLUCONATE | NAS 0041 | |
| | | | | CALCIUM SACCHARIN | NAS 0054 | FEMA 3528 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| 33 | SUGAR SUBS(R) | 21 | PRESERVATV | BENZOIC ACID | NAS 0029 | FEMA 2131 |
| | | | | METHYLPARABEN | NAS 0128 | FEMA 2710 |
| | | | | PROPYLPARABEN | NAS 0166 | FEMA 2951 |
| 34 | INS COF TEA(R) | 03 | COLOR | CARAMEL | NAS 0059 | FEMA 2235 |
| 34 | INS COF TEA(R) | 11 | FLAV AGNT | MALIC ACID | NAS 0116 | FEMA 2655 |
| 34 | INS COF TEA(R) | 13 | FORMUL AID | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| 34 | INS COF TEA(R) | 18 | NNTR SWEET | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| 34 | INS COF TEA(R) | 19 | NUTR SUPPL | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| 34 | INS COF TEA(R) | 20 | PH CONTROL | ADIPIC ACID | NAS 0003 | FEMA 2011 |
| | | | | CALCIUM HYDROXIDE | NAS 0044 | |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | POTASSIUM HYDROXIDE | NAS 0154 | |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| | | | | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| 34 | INS COF TEA(R) | 21 | PRESERVATV | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| 34 | INS COF TEA(R) | 22 | PROCES AID | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | FERROUS SULFATE | NAS 0085 | |
| | | | | HYDROGEN PEROXIDE | NAS 0098 | |
| | | | | POTASSIUM HYDROXIDE | NAS 0154 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 34 | INS COF TEA(R) | 22 | PROCES AID | SODIUM METABISULFITE | NAS 0193 | |
| 34 | INS COF TEA(R) | 26 | STBLZ THKR | ACACIA | NAS 0001 | FEMA 2001 |
| 34 | INS COF TEA(R) | 27 | SURFACTANT | ASCORBYL PALMITATE | NAS 0023 | |
| 34 | INS COF TEA(R) | 40 | NUTR SWEET | SUCROSE | NAS 0328 | |
| 48 | SEAS FLAVRS(R) | 01 | ANTICAKNG | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CALCIUM SILICATE | NAS 0055 | |
| | | | | MAGNESIUM CARBONATE | NAS 0110 | |
| | | | | MAGNESIUM STEARATE | NAS 0116 | |
| | | | | SILICA AEROGEL | NAS 0174 | FEMA 3506 |
| | | | | SODIUM ALUMINOSILICATE | NAS 0178 | |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | CALCIUM STEARATE | NAS 0260 | FEMA 3572 |
| | | | | FERROCYANIDE SALTS | NAS 0276 | |
| 48 | SEAS FLAVRS(R) | 02 | ANTIOXIDNT | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | TOCOPHEROLS CONC MIXED | NAS 0227 | |
| | | | | DL-ALPHA TOCOPH ACET | NAS 0229 | |
| 48 | SEAS FLAVRS(R) | 03 | COLOR | CARAMEL | NAS 0059 | FEMA 2235 |
| 48 | SEAS FLAVRS(R) | 04 | CURING | SODIUM PYROPHOSPHATE | NAS 0202 | FEMA 3625 |
| | | | | SODIUM TRIPOLYPHOSPHATE | NAS 0210 | FEMA 3553 |
| 48 | SEAS FLAVRS(R) | 07 | EMULSIFIER | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| 48 | SEAS FLAVRS(R) | 08 | ENZYME | PAPAIN | NAS 0142 | |
| | | | | ENZYMES, PROTEOLYTIC | NAS 0274 | |
| | | | | FUNGAL PROTEASE | NAS 0458 | |
| 48 | SEAS FLAVRS(R) | 10 | FLAV ENHNC | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | GLUTAMIC ACID | NAS 0087 | FEMA 3307 |
| | | | | MONOPOTASSIUM GLUTAMATE | NAS 0133 | FEMA 3523 |
| | | | | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| 48 | SEAS FLAVRS(R) | 11 | FLAV AGNT | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | L-CYSTEINE | NAS 0071 | FEMA 3285 |
| | | | | GLUTAMIC ACID | NAS 0087 | FEMA 3307 |
| | | | | POTASSIUM CHLORIDE | NAS 0151 | |
| | | | | POTASSIUM CITRATE | NAS 0152 | |
| | | | | POTASSIUM IODIDE | NAS 0155 | |

TABLE 10 -- SUBSTANCES (GROUP 1-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 48 | SEAS FLAVRS(R) | 11 | FLAV AGNT | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | YEASTS | NAS 0333 | |
| | | | | CELERY SEED | | FEMA 2268 |
| | | | | CORIANDER | | FEMA 2333 |
| | | | | CUMIN | | FEMA 2340 |
| | | | | PAPRIKA | | FEMA 2833 |
| | | | | PEPPER, BLACK | | FEMA 2844 |
| | | | | SPEARMINT, OIL | | FEMA 3032 |
| | | | | TURMERIC | | FEMA 3085 |
| | | | | HICKORY, SMOKE, DIST | | FEMA 3320 |
| 48 | SEAS FLAVRS(R) | 13 | FORMUL AID | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | LACTOSE | NAS 0406 | FEMA 3667 |
| | | | | SOYA PROTEIN ISOLATE | NAS 0446 | |
| 48 | SEAS FLAVRS(R) | 15 | HUMECTANT | CALCIUM PHOSPHATE DI | NAS 0048 | FEMA 3656 |
| | | | | DEXTROSE | NAS 0271 | |
| 48 | SEAS FLAVRS(R) | 19 | NUTR SUPPL | POTASSIUM IODIDE | NAS 0155 | |
| 48 | SEAS FLAVRS(R) | 20 | PH CONTROL | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| 48 | SEAS FLAVRS(R) | 21 | PRESERVATV | METHYLPARABEN | NAS 0128 | FEMA 2710 |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | PROPYLPARABEN | NAS 0166 | FEMA 2951 |
| | | | | SODIUM BENZOATE | NAS 0181 | FEMA 3025 |
| | | | | ETHYLENE OXIDE | | FEMA 2433 |
| 48 | SEAS FLAVRS(R) | 26 | STBLZ THKR | ALUMINUM SULFATE | NAS 0011 | FEMA 3547 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CASEINATE | NAS 0187 | FEMA 3550 |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | STARCH, MODIFIED | NAS 0325 | |
| | | | | DEXTRIN | NAS 0338 | FEMA 3556 |
| 48 | SEAS FLAVRS(R) | 27 | SURFACTANT | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | SORBITOL | NAS 0212 | FEMA 3029 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FCCD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 48 | SEAS FLAVRS(R) | 30 | TEXTURIZER | PAPAIN | NAS 0142 | |
| 48 | SEAS FLAVRS(R) | 40 | NUTR SWEET | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 49 | MISC UNCLAS(R) | 02 | ANTIOXIDNT | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| 49 | MISC UNCLAS(R) | 10 | FLAV ENHNC | MONOSODIUM GLUTAMATE | NAS 0134 | FEMA 2756 |
| | | | | ETHYL MALTOL | | FEMA 3298 |
| 49 | MISC UNCLAS(R) | 11 | FLAV AGNT | ACACIA | NAS 0001 | FEMA 2001 |
| | | | | ACETIC ACID | NAS 0002 | FEMA 2006 |
| | | | | BUTYLATED HYDROXYANISOLE | NAS 0032 | FEMA 2183 |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | CAPRYLIC ACID | NAS 0058 | FEMA 2799 |
| | | | | CARAMEL | NAS 0059 | FEMA 2235 |
| | | | | CAROB BEAN GUM | NAS 0062 | FEMA 2243 |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | ETHYL FORMATE | NAS 0079 | FEMA 2434 |
| | | | | GLYCERIN | NAS 0089 | FEMA 2525 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | MONOPOTASSIUM GLUTAMATE | NAS 0133 | FEMA 3523 |
| | | | | PHOSPHORIC ACID | NAS 0145 | FEMA 2900 |
| | | | | PROPYLENE GLYCOL | NAS 0164 | FEMA 2940 |
| | | | | ALLSPICE | | FEMA 2017 |
| | | | | ALLSPICE, OIL | | FEMA 2018 |
| | | | | ALLSPICE, OLEORESIN | | FEMA 2019 |
| | | | | ANISE | | FEMA 2093 |
| | | | | ANISE, OIL | | FEMA 2094 |
| | | | | ANISE, STAR, OIL | | FEMA 2096 |
| | | | | BALSAM, PERU | | FEMA 2116 |
| | | | | BASIL | | FEMA 2118 |
| | | | | BASIL, OIL | | FEMA 2119 |
| | | | | BASIL, OLEORESIN | | FEMA 2120 |
| | | | | BAY, SWEET | | FEMA 2124 |
| | | | | BAY, SWEET, OIL | | FEMA 2125 |
| | | | | BERGAMOT, OIL | | FEMA 2153 |
| | | | | CAPSICUM, EXTRACT | | FEMA 2233 |
| | | | | CAPSICUM, OLEORESIN | | FEMA 2234 |
| | | | | CARAWAY | NAS 0421 | FEMA 2236 |
| | | | | CARAWAY, OIL | | FEMA 2238 |
| | | | | CARDAMOM | | FEMA 2240 |
| | | | | CASSIA BARK, OIL | | FEMA 2258 |
| | | | | CASTOREUM, EXTRACT | | FEMA 2261 |
| | | | | CAYENNE | | FEMA 2266 |
| | | | | CELERY SEED | | FEMA 2268 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 49 | MISC UNCLAS(R) | 11 | FLAV AGNT | CELERY SEED, EXTRACT | | FEMA 2269 |
| | | | | CELERY SEED, OIL | | FEMA 2271 |
| | | | | CHAMOMILE FLOWER OIL, HUN | | FEMA 2273 |
| | | | | CHICORY, EXTRACT | | FEMA 2280 |
| | | | | CINNAMON | | FEMA 2289 |
| | | | | CINNAMON BARK, OIL | | FEMA 2291 |
| | | | | CINNAMON LEAF, OIL | | FEMA 2292 |
| | | | | CIVET, ABSOLUTE | | FEMA 2319 |
| | | | | CLOVE BUD, EXTRACT | | FEMA 2322 |
| | | | | CLOVE BUD, OIL | | FEMA 2323 |
| | | | | CLOVE BUD, OLEORESIN | | FEMA 2324 |
| | | | | CLOVE LEAF, OIL | | FEMA 2325 |
| | | | | CLOVES | | FEMA 2327 |
| | | | | COGNAC, GREEN, OIL | | FEMA 2331 |
| | | | | CORIANDER | | FEMA 2333 |
| | | | | CORIANDER, OIL | | FEMA 2334 |
| | | | | CORN SILK | | FEMA 2335 |
| | | | | CUMIN | | FEMA 2340 |
| | | | | CUMIN, OIL | | FEMA 2343 |
| | | | | DILL, OIL | | FEMA 2383 |
| | | | | FENNEL, SWEET, OIL | | FEMA 2483 |
| | | | | FENUGREEK | | FEMA 2484 |
| | | | | FENUGREEK, EXTRACT | | FEMA 2485 |
| | | | | FENUGREEK, OLEORESIN | | FEMA 2486 |
| | | | | GARLIC, OIL | | FEMA 2503 |
| | | | | GERANIUM, ROSE, OIL | | FEMA 2508 |
| | | | | GINGER | | FEMA 2520 |
| | | | | GINGER, OIL | | FEMA 2522 |
| | | | | GINGER, OLEORESIN | | FEMA 2523 |
| | | | | GLYCYRRHIZIN, AMMONIATED | | FEMA 2528 |
| | | | | HOPS, OIL | | FEMA 2580 |
| | | | | LEMON, OIL | | FEMA 2625 |
| | | | | MACE | | FEMA 2652 |
| | | | | MACE, OIL | | FEMA 2653 |
| | | | | MACE, OLEORESIN | | FEMA 2654 |
| | | | | MANDARIN, OIL | | FEMA 2657 |
| | | | | MARJORAM, POT | | FEMA 2660 |
| | | | | MARJORAM, SWEET | | FEMA 2662 |
| | | | | MARJORAM, SWEET, OIL | | FEMA 2663 |
| | | | | MENTHOL | | FEMA 2665 |
| | | | | MUSTARD, YELLOW | | FEMA 2761 |
| | | | | NUTMEG | NAS 0431 | FEMA 2792 |
| | | | | NUTMEG, OIL | | FEMA 2793 |
| | | | | ONION, OIL | | FEMA 2817 |
| | | | | ORANGE OIL | NAS 0493 | FEMA 2821 |
| | | | | OREGANO | | FEMA 2827 |
| | | | | ORIGANUM, OIL | | FEMA 2828 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 49 | MISC UNCLAS(R) | 11 | FLAV AGNT | PAPRIKA | | FEMA 2833 |
| | | | | PARSLEY, OLEORESIN | | FEMA 2837 |
| | | | | PEPPER, BLACK | | FEMA 2844 |
| | | | | PEPPER, BLACK, OIL | | FEMA 2845 |
| | | | | PEPPER, BLACK, OLEORES | | FEMA 2846 |
| | | | | PEPPERMINT, OIL | | FEMA 2848 |
| | | | | PEPPER, RED | | FEMA 2849 |
| | | | | PEPPER, WHITE | | FEMA 2850 |
| | | | | PETITGRAIN, OIL | | FEMA 2855 |
| | | | | PIMENTA LEAF, OIL | | FEMA 2901 |
| | | | | ROSE BULG/TRUE OTTO, OIL | | FEMA 2989 |
| | | | | ROSEMARY | | FEMA 2991 |
| | | | | ROSEMARY, OIL | | FEMA 2992 |
| | | | | RUE, OIL | | FEMA 2995 |
| | | | | SAGE | | FEMA 3000 |
| | | | | SAGE, OIL | | FEMA 3001 |
| | | | | SAGE, OLEORESIN | | FEMA 3002 |
| | | | | SAVORY, SUMMER | | FEMA 3012 |
| | | | | SAVORY, SUMMER, OIL | | FEMA 3013 |
| | | | | SPEARMINT, OIL | | FEMA 3032 |
| | | | | THYME | | FEMA 3063 |
| | | | | THYME, OIL | | FEMA 3064 |
| | | | | TURMERIC | | FEMA 3085 |
| | | | | TURMERIC, OLEORESIN | | FEMA 3087 |
| | | | | VANILLA | NAS 0433 | FEMA 3104 |
| | | | | YLANG YLANG, OIL | | FEMA 3119 |
| | | | | ACETALDEHYDE | NAS 0448 | FEMA 2003 |
| | | | | ACETOIN | NAS 0363 | FEMA 2008 |
| | | | | ANETHOLE | | FEMA 2086 |
| | | | | BENZALDEHYDE | NAS 0367 | FEMA 2127 |
| | | | | N-BUTYRIC ACID | NAS 0337 | FEMA 2221 |
| | | | | CINNAMALDEHYDE | | FEMA 2286 |
| | | | | CITRAL | | FEMA 2303 |
| | | | | DECANAL | | FEMA 2362 |
| | | | | DIACETYL | | FEMA 2370 |
| | | | | ETHYL ACETATE | NAS 0449 | FEMA 2414 |
| | | | | ETHYL BUTYRATE | | FEMA 2427 |
| | | | | ETHYL VANILLIN | | FEMA 2464 |
| | | | | EUGENOL | | FEMA 2467 |
| | | | | GERANIOL | | FEMA 2507 |
| | | | | GERANYL ACETATE | | FEMA 2509 |
| | | | | LINALOOL | | FEMA 2635 |
| | | | | LINALYL ACETATE | | FEMA 2636 |
| | | | | METHYL ANTHRANILATE | NAS 0563 | FEMA 2682 |
| | | | | PIPERONAL | | FEMA 2911 |
| | | | | BENZOIN, RESIN | | FEMA 2133 |
| | | | | CATECHU, EXTRACT | | FEMA 2264 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FDCD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. |
|---|---|---|---|---|---|
| 49 | MISC UNCLAS(R) | 11 | FLAV AGNT | CEDAR LEAF, OIL | FEMA 2267 |
| | | | | CUBEBS, OIL | FEMA 2339 |
| | | | | GUAIAC WOOD, OIL | FEMA 2534 |
| | | | | LABDANUM, OLEORESIN | FEMA 2610 |
| | | | | LOVAGE, OIL | FEMA 2651 |
| | | | | ORRIS, CONCRETE, LIQ/OIL | FEMA 2829 |
| | | | | PINE, SCOTCH, OIL | FEMA 2906 |
| | | | | VALERIAN ROOT, EXTR | FEMA 3099 |
| | | | | VALERIAN ROOT, OIL | FEMA 3100 |
| | | | | OPOPANAX | FEMA 3365 |
| | | | | ALLYL CINNAMATE | FEMA 2022 |
| | | | | ALLYL CYCLOHEXANEPROPIONA | FEMA 2026 |
| | | | | ALLYL HEXANOATE | FEMA 2032 |
| | | | | ISOAMYL ACETATE | FEMA 2055 |
| | | | | AMYL BUTYRATE | FEMA 2059 |
| | | | | AE-AMYLCINNAMALDEHYDE | FEMA 2061 |
| | | | | ISOAMYL HEXANOATE | FEMA 2075 |
| | | | | AMYL OCTANOATE | FEMA 2079 |
| | | | | ISOAMYL SALICYLATE | FEMA 2084 |
| | | | | ISOAMYL ISOVALERATE | FEMA 2085 |
| | | | | ANISYL ALCOHOL | FEMA 2099 |
| | | | | ANISYL FORMATE | FEMA 2101 |
| | | | | BENZOIN | FEMA 2132 |
| | | | | BENZYL ACETATE | FEMA 2135 |
| | | | | BENZYL ALCOHOL | FEMA 2137 |
| | | | | BENZYL BENZOATE | FEMA 2138 |
| | | | | BENZYL ISOVALERATE | FEMA 2152 |
| | | | | BOIS DE ROSE, OIL | FEMA 2156 |
| | | | | ISOBORNYL ACETATE | FEMA 2160 |
| | | | | BUTTER ESTERS | FEMA 2172 |
| | | | | BUTYL BUTYRYLLACTATE | FEMA 2190 |
| | | | | BE-CARYOPHYLLENE | FEMA 2252 |
| | | | | CINNAMYL ACETATE | FEMA 2293 |
| | | | | CINNAMYL ALCOHOL | FEMA 2294 |
| | | | | CINNAMYL ANTHRANILATE | FEMA 2295 |
| | | | | DL-CITRONELLOL | FEMA 2309 |
| | | | | CUMINALDEHYDE | FEMA 2341 |
| | | | | PB-CYMENE | FEMA 2356 |
| | | | | 1-DECANOL | FEMA 2365 |
| | | | | DIETHYL MALONATE | FEMA 2375 |
| | | | | ESTRAGOLE | FEMA 2411 |
| | | | | ETHYL ACETOACETATE | FEMA 2415 |
| | | | | ETHYL ANTHRANILATE | FEMA 2421 |
| | | | | ETHYL CINNAMATE | FEMA 2430 |
| | | | | ETHYL DECANOATE | FEMA 2432 |
| | | | | ETHYL LACTATE | FEMA 2440 |
| | | | | ETHYL LAURATE | FEMA 2441 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 49 | MISC UNCLAS(R) | 11 | FLAV AGNT | ETHYL NITRITE | | FEMA 2446 |
| | | | | ETHYL OCTANOATE | | FEMA 2449 |
| | | | | ETHYL PROPIONATE | | FEMA 2456 |
| | | | | ETHYL ISOVALERATE | | FEMA 2463 |
| | | | | EUCALYPTOL | | FEMA 2465 |
| | | | | ISOEUGENOL | | FEMA 2468 |
| | | | | FORMIC ACID | | FEMA 2487 |
| | | | | ISOAMYL FUSEL OIL | | FEMA 2497 |
| | | | | GERANYL BUTYRATE | | FEMA 2512 |
| | | | | HEPTYL ACETATE | | FEMA 2547 |
| | | | | 2,3-HEXANEDIONE | | FEMA 2558 |
| | | | | HEXANOIC ACID | | FEMA 2559 |
| | | | | INDOLE | | FEMA 2593 |
| | | | | A&-IONONE | | FEMA 2594 |
| | | | | B&-IONONE | | FEMA 2595 |
| | | | | LAURIC ALDEHYDE | | FEMA 2615 |
| | | | | LINALYL ISOBUTYRATE | | FEMA 2640 |
| | | | | LINALYL ISOVALERATE | | FEMA 2646 |
| | | | | P&-METHOXYBENZALDEHYDE | | FEMA 2670 |
| | | | | 1-P-METHOXYPHEN-1-PENTENO | | FEMA 2673 |
| | | | | 3-METHYLBUTYRALDEHYDE | | FEMA 2692 |
| | | | | METHYL CINNAMATE | | FEMA 2698 |
| | | | | METHYLCYCLOPENTENOLONE | | FEMA 2700 |
| | | | | METHYL-A&-IONONE | | FEMA 2711 |
| | | | | METHYL 3-METHYLTHIOPROPIO | | FEMA 2720 |
| | | | | METHYL B&-NAPHTHYL KETONE | | FEMA 2723 |
| | | | | METHYL 2-OCTYNOATE | | FEMA 2729 |
| | | | | DIMETHYL SULFIDE | | FEMA 2746 |
| | | | | NEROL | | FEMA 2770 |
| | | | | G&-NONALACTONE | | FEMA 2781 |
| | | | | NONANAL | | FEMA 2782 |
| | | | | 1,3-NONANEDIOL ACETATE | | FEMA 2783 |
| | | | | A&-PHELLANDRENE | | FEMA 2856 |
| | | | | PHENETHYL ALCOHOL | | FEMA 2858 |
| | | | | PHENETHYL ISOVALERATE | | FEMA 2871 |
| | | | | PHENYLACETALDEHYDE | | FEMA 2874 |
| | | | | PHENYLACETALDEHYDE DIMETH | | FEMA 2876 |
| | | | | PHENYLACETIC ACID | | FEMA 2878 |
| | | | | 3-PHENYLPROPANOL-1 | | FEMA 2885 |
| | | | | 3-PHENYLPROPIONALDEHYDE | | FEMA 2887 |
| | | | | A&-PINENE | | FEMA 2902 |
| | | | | POLYSORBATE 80 | NAS 0394 | FEMA 2917 |
| | | | | PROPENYLGUAETHOL | | FEMA 2922 |
| | | | | RHODINOL | | FEMA 2980 |
| | | | | ETHYL OXYHYDRATE | NAS 0379 | FEMA 2996 |
| | | | | SALICYLALDEHYDE | | FEMA 3004 |
| | | | | SKATOLE | | FEMA 3019 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 49 | MISC UNCLAS(R) | 11 | FLAV AGNT | AC-TERPINEOL | | FEMA 3045 |
| | | | | TERPINYL ACETATE | | FEMA 3047 |
| | | | | GC-UNDECALACTONE | | FEMA 3091 |
| | | | | VALERIC ACID | | FEMA 3101 |
| | | | | ISOVALERIC ACID | | FEMA 3102 |
| | | | | VERATRALDEHYDE | | FEMA 3109 |
| | | | | PROPYL DISULFIDE | | FEMA 3228 |
| | | | | ISO-AMYL ISO-BUTYRATE | | FEMA 3253 |
| | | | | ETHYL MALTOL | | FEMA 3298 |
| | | | | DIHYDROCOUMARIN | | FEMA 2381 |
| | | | | FURFURAL | | FEMA 2489 |
| | | | | METHYL SALICYLATE | | FEMA 2749 |
| | | | | MUSK AMBRETTE | | FEMA 2758 |
| | | | | PINE NEEDLE, OIL | | FEMA 2905 |
| | | | | PYROLIGNEOUS ACID | | FEMA 2967 |
| | | | | VANILLIN | NAS 0336 | FEMA 3107 |
| | | | | WINTERGREEN, OIL | | FEMA 3113 |
| | | | | 1-/METHYLTHIO/-2-BUTANONE | | FEMA 3207 |
| | | | | YARA YARA | | FEMA 3409 |
| | | | | COFFEE CONCENTRATE-PURE | | FEMA 3636 |
| | | | | MATE ABSOLUTE | | FEMA 3644 |
| | | | | ONION, ALLIUM CEPA | | FEMA 3509 |
| 49 | MISC UNCLAS(R) | 13 | NNTR SWEET | CALCIUM SACCHARIN | NAS 0054 | FEMA 3528 |
| | | | | SODIUM SACCHARIN | NAS 0203 | FEMA 2997 |
| | | | | GLYCYRRHIZIN, AMMONIATED | | FEMA 2528 |
| 49 | MISC UNCLAS(R) | 19 | NUTR SUPPL | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| 49 | MISC UNCLAS(R) | 20 | PH CONTROL | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | LACTIC ACID | NAS 0103 | FEMA 2611 |
| | | | | FUMARIC ACID | NAS 0382 | FEMA 2468 |
| 49 | MISC UNCLAS(R) | 21 | PRESERVATV | BENZOIC ACID | NAS 0029 | FEMA 2131 |
| | | | | POTASSIUM SORBATE | NAS 0158 | FEMA 2921 |
| 49 | MISC UNCLAS(R) | 26 | STBLZ THKR | CAROB BEAN GUM | NAS 0062 | FEMA 2648 |
| | | | | SODIUM ALGINATE | NAS 0177 | FEMA 2015 |
| | | | | TRAGACANTH | NAS 0232 | FEMA 3079 |
| | | | | CARBOXYMETHYL CELLULOSE | NAS 0263 | FEMA 2239 |
| 81 | BAKED GOODS(B) | 11 | FLAV AGNT | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| 81 | BAKED GOODS(B) | 16 | LEAVENING | AMMONIUM BICARBONATE | NAS 0013 | |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| 81 | BAKED GOODS(B) | 19 | NUTR SUPPL | CALCIUM PHOSPHATE DI | NAS 0048 | FEMA 3656 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 01 | BAKED GOODS(B) | 19 | NUTR SUPPL | NIACIN | NAS 0136 | |
| | | | | PYRIDOXINE HYDROCHLORIDE | NAS 0167 | |
| | | | | RIBOFLAVIN | NAS 0169 | |
| | | | | THIAMINE MONONITRATE | NAS 0222 | |
| | | | | VITAMIN B12 | NAS 0244 | |
| 02 | CEREALS(B) | 07 | EMULSIFIER | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| 02 | CEREALS(B) | 09 | ENZYME | MALT FLOUR | NAS 0459 | |
| 02 | CEREALS(B) | 10 | FLAV ENHNC | SUCROSE | NAS 0328 | |
| 02 | CEREALS(B) | 19 | NUTR SUPPL | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3081 |
| | | | | IRON, REDUCED | NAS 0100 | |
| | | | | NIACINAMIDE | NAS 0137 | |
| | | | | PYRIDOXINE HYDROCHLORIDE | NAS 0167 | |
| | | | | RIBOFLAVIN | NAS 0169 | |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | THIAMINE MONONITRATE | NAS 0222 | |
| | | | | SUCROSE | NAS 0328 | |
| | | | | YEASTS | NAS 0333 | |
| 02 | CEREALS(B) | 20 | PH CONTROL | CITRIC ACID | NAS 0068 | FEMA 2306 |
| 02 | CEREALS(B) | 26 | STBLZ THKR | TAPIOCA STARCH | NAS 0444 | |
| 02 | CEREALS(B) | 40 | NUTR SWEET | SUCROSE | NAS 0328 | |
| 03 | FORMULAS(B) | 07 | EMULSIFIER | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | GLYCERYL MONOSTEARATE | NAS 0090 | FEMA 2527 |
| | | | | GUAR GUM | NAS 0092 | FEMA 2537 |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MONO- AND DIGLYCERIDES | NAS 0130 | FEMA 3511 |
| 03 | FORMULAS(B) | 10 | FLAV ENHNC | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | ORANGE OIL | NAS 0493 | FEMA 2821 |
| 03 | FORMULAS(B) | 11 | FLAV AGNT | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 03 | FORMULAS(B) | 13 | FORMUL AID | CALCIUM HYDROXIDE | NAS 0044 | |
| | | | | MANNITOL | NAS 0126 | FEMA 3520 |
| | | | | POTASSIUM BICARBONATE | NAS 0148 | |
| | | | | POTASSIUM CITRATE | NAS 0152 | |
| | | | | POTASSIUM HYDROXIDE | NAS 0154 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 83 | FORMULAS(B) | 19 | NUTR SUPPL | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | BIOTIN | NAS 0030 | |
| | | | | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM CHLORIDE | NAS 0039 | |
| | | | | CALCIUM CITRATE | NAS 0040 | |
| | | | | CALCIUM HYDROXIDE | NAS 0044 | |
| | | | | CALCIUM PANTOTHENATE | NAS 0047 | |
| | | | | CALCIUM PHOSPHATE DI | NAS 0048 | FEMA 3656 |
| | | | | CALCIUM PHOSPHATE MONO | NAS 0049 | |
| | | | | CALCIUM PHOSPHATE TRI | NAS 0050 | FEMA 3061 |
| | | | | CAROTENE | NAS 0063 | FEMA 3548 |
| | | | | CHOLINE BITARTRATE | NAS 0065 | |
| | | | | CHOLINE CHLORIDE | NAS 0066 | |
| | | | | COPPER GLUCONATE | NAS 0069 | |
| | | | | FERRIC SODIUM PYROPHOS | NAS 0082 | |
| | | | | FERROUS SULFATE | NAS 0085 | |
| | | | | INOSITOL | NAS 0099 | |
| | | | | IRON, REDUCED | NAS 0100 | |
| | | | | LECITHIN | NAS 0104 | FEMA 3519 |
| | | | | MAGNESIUM OXIDE | NAS 0112 | |
| | | | | MAGNESIUM PHOSPHATE DI | NAS 0113 | |
| | | | | MANGANESE CHLORIDE | NAS 0119 | |
| | | | | MANGANESE SULFATE | NAS 0124 | |
| | | | | NIACINAMIDE | NAS 0137 | |
| | | | | POTASSIUM BICARBONATE | NAS 0148 | |
| | | | | POTASSIUM CHLORIDE | NAS 0151 | |
| | | | | POTASSIUM CITRATE | NAS 0152 | |
| | | | | POTASSIUM IODIDE | NAS 0155 | |
| | | | | PYRIDOXINE HYDROCHLORIDE | NAS 0167 | |
| | | | | RIBOFLAVIN | NAS 0169 | |
| | | | | SODIUM ASCORBATE | NAS 0160 | FEMA 3525 |
| | | | | SODIUM BICARBONATE | NAS 0182 | FEMA 3536 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM METAPHOSPHATE | NAS 0194 | FEMA 3027 |
| | | | | SODIUM PHOSPHATE DI | NAS 0197 | FEMA 2398 |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| | | | | TOCOPHEROLS CONC MIXED | NAS 0227 | |
| | | | | D-ALPHA TOCOPH ACET | NAS 0228 | |
| | | | | VITAMIN A PALMITATE | NAS 0243 | |
| | | | | VITAMIN B12 | NAS 0244 | |
| | | | | VITAMIN D2 | NAS 0245 | |
| | | | | VITAMIN D3 | NAS 0246 | |
| | | | | ZINC SULFATE | NAS 0251 | |
| | | | | CORN SYRUP | NAS 0270 | |
| | | | | DEXTROSE | NAS 0271 | |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FCDD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 83 | FORMULAS(B) | 19 | NUTR SUPPL | SUCROSE | NAS 0328 | |
| | | | | DL-METHIONINE | NAS 0359 | FEMA 3344 |
| | | | | COCONUT OIL | NAS 0373 | FEMA 3659 |
| | | | | COPPER SULFATE | NAS 0427 | |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |
| | | | | FOLIC ACID | NAS 0410 | |
| | | | | LACTOSE | NAS 0406 | FEMA 3667 |
| | | | | MAGNESIUM CHLORIDE | NAS 0387 | |
| | | | | MENADIOL SODIUM DIPHOSPHA | NAS 0490 | |
| | | | | MILK, SKIM | NAS 0498 | |
| | | | | MILK, SKIM, CONDENSED | NAS 0545 | |
| | | | | SODIUM LACTATE | NAS 0400 | |
| | | | | SOYBEAN FLOUR | NAS 0486 | |
| | | | | SOYBEAN OIL | NAS 0407 | FEMA 3695 |
| | | | | SOYA PROTEIN ISOLATE | NAS 0446 | |
| | | | | SUCROSE-INVERT SUGAR BLND | NAS 0492 | |
| | | | | TAPIOCA STARCH | NAS 0444 | |
| | | | | VITAMIN K | NAS 0447 | |
| | | | | WHEY, ELECTRODIALYZED | NAS 0491 | |
| 83 | FORMULAS(B) | 20 | PH CONTROL | CALCIUM CARBONATE | NAS 0038 | |
| | | | | CALCIUM HYDROXIDE | NAS 0044 | |
| | | | | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | HYDROCHLORIC ACID | NAS 0097 | |
| | | | | POTASSIUM BICARBONATE | NAS 0148 | |
| | | | | POTASSIUM HYDROXIDE | NAS 0154 | |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| | | | | SODIUM HYDROXIDE | NAS 0192 | |
| 83 | FORMULAS(B) | 24 | SEQUESTRNT | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | POTASSIUM CITRATE | NAS 0152 | |
| | | | | SODIUM CITRATE | NAS 0189 | FEMA 3026 |
| 83 | FORMULAS(B) | 26 | STBLZ THKR | CHONDRUS EXTRACT | NAS 0067 | FEMA 2596 |
| | | | | POTASSIUM HYDROXIDE | NAS 0154 | |
| | | | | CALCIUM CARRAGEENAN | NAS 0408 | |
| | | | | TAPIOCA STARCH | NAS 0444 | |
| 83 | FORMULAS(B) | 27 | SURFACTANT | LECITHIN | NAS 0104 | FEMA 3519 |
| 83 | FORMULAS(B) | 29 | SYNERGIST | CALCIUM CHLORIDE | NAS 0039 | |
| 83 | FORMULAS(B) | 40 | NUTR SWEET | SUCROSE | NAS 0328 | |
| | | | | CORN SYRUP SOLIDS | NAS 0375 | |
| 84 | PROCSD FRUT(B) | 10 | FLAV ENHNC | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SUCROSE | NAS 0328 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 84 | PROCSD FRUT(8) | 11 | FLAV AGNT | SUCROSE | NAS 0328 | |
| 84 | PROCSD FRUT(8) | 19 | NUTR SUPPL | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | SOYA PROTEIN ISOLATE | NAS 0446 | |
| 84 | PROCSD FRUT(8) | 20 | PH CONTROL | CITRIC ACID | NAS 0068 | FEMA 2306 |
| 84 | PROCSD FRUT(8) | 26 | STBLZ THKR | STARCH, MODIFIED | NAS 0325 | |
| | | | | TAPIOCA STARCH | NAS 0444 | |
| 84 | PROCSD FRUT(8) | 40 | NUTR SWEET | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 85 | MEAT PRODS(8) | 10 | FLAV ENHNC | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SUCROSE | NAS 0328 | |
| 86 | POULTRY(8) | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SUCROSE | NAS 0328 | |
| 87 | EGG PRODS(8) | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| 89 | PROCSD VEGS(8) | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SUCROSE | NAS 0328 | |
| 89 | PROCSD VEGS(8) | 11 | FLAV AGNT | SUCROSE | NAS 0328 | |
| 89 | PROCSD VEGS(8) | 26 | STBLZ THKR | STARCH, MODIFIED | NAS 0325 | |
| | | | | WAXY MAIZE STARCH | NAS 0445 | |
| 89 | PROCSD VEGS(8) | 40 | NUTR SWEET | SUCROSE | NAS 0328 | |
| 90 | PUDDINGS(8) | 10 | FLAV ENHNC | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | SUCROSE | NAS 0328 | |
| 90 | PUDDINGS(8) | 19 | NUTR SUPPL | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| 90 | PUDDINGS(8) | 20 | PH CONTROL | CITRIC ACID | NAS 0068 | FEMA 2306 |
| 90 | PUDDINGS(8) | 26 | STBLZ THKR | STARCH, MODIFIED | NAS 0325 | |
| | | | | TAPIOCA STARCH | NAS 0444 | |
| 90 | PUDDINGS(8) | 40 | NUTR SWEET | DEXTROSE | NAS 0271 | |
| | | | | SUCROSE | NAS 0328 | |
| 91 | SOUPS,MIXES(8) | 10 | FLAV ENHNC | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| 91 | SOUPS,MIXES(8) | 11 | FLAV AGNT | SUCROSE | NAS 0328 | |
| | | | | YEASTS | NAS 0333 | |

TABLE 10 -- SUBSTANCES (GROUP I-V) USED PER TECHNICAL EFFECT

| FOOD CATEGORY NO. | NAME | TECHNICAL EFFECT NO. | NAME | SUBSTANCE NAME | SURVEY NO. | |
|---|---|---|---|---|---|---|
| 91 | SOUPS,MIXES(8) | 26 | STBLZ THKR | STARCH, MODIFIED | NAS 0325 | |
| 92 | MEAT DINNER(8) | 10 | FLAV ENHNC | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| 92 | MEAT DINNER(8) | 11 | FLAV AGNT | SUCROSE | NAS 0328 | |
| | | | | YEASTS | NAS 0333 | |
| 92 | MEAT DINNER(8) | 20 | PH CONTROL | CITRIC ACID | NAS 0068 | FEMA 2306 |
| 92 | MEAT DINNER(8) | 26 | STBLZ THKR | STARCH, MODIFIED | NAS 0325 | |
| | | | | WAXY MAISE STARCH | NAS 0445 | |
| 92 | MEAT DINNER(8) | 40 | NUTR SWEET | SUCROSE | NAS 0328 | |
| 93 | COMB DINNER(8) | 10 | FLAV ENHNC | CITRIC ACID | NAS 0068 | FEMA 2306 |
| | | | | SODIUM CHLORIDE | NAS 0188 | FEMA 3537 |
| | | | | PROTEIN, VEGE, HYDROLYZED | NAS 0311 | FEMA 3517 |
| | | | | SUCROSE | NAS 0328 | |
| | | | | YEASTS | NAS 0333 | |
| 93 | COMB DINNER(8) | 11 | FLAV AGNT | SUCROSE | NAS 0328 | |
| 93 | COMB DINNER(8) | 19 | NUTR SUPPL | ASCORBIC ACID | NAS 0022 | FEMA 2109 |
| | | | | NIACINAMIDE | NAS 0137 | |
| | | | | RIBOFLAVIN | NAS 0169 | |
| | | | | THIAMINE HYDROCHLORIDE | NAS 0221 | FEMA 3400 |
| 93 | COMB DINNER(8) | 26 | STBLZ THKR | STARCH, MODIFIED | NAS 0325 | |
| | | | | WAXY MAISE STARCH | NAS 0445 | |
| 93 | COMB DINNER(8) | 40 | NUTR SWEET | SUCROSE | NAS 0328 | |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| ALFALFA, EXTRACT FEMA 2013A | 4 | 113 | | | 113 |
| ALLSPICE FEMA 2017A | 48 | 498,882 | | | 498,882 |
| ALLSPICE, OIL FEMA 2018A | 34 | 44,973 | | | 44,973 |
| ALLSPICE, OLEORESIN FEMA 2019A | 16 | 3,959 | | | 3,959 |
| ALMOND OIL, BITTER, FFPA FEMA 2046A | 72 | 95,471 | | | 95,471 |
| AMBERGRIS, TINCTURE FEMA 2049A | * | 9 | | | 9 |
| AMBRETTE, ABSOLUTE, OIL FEMA 2050A | 5 | 15 | | | 15 |
| AMBRETTE SEED, OIL FEMA 2051A | 9 | 47 | | | 47 |
| AMBRETTE, TINCTURE FEMA 2052A | * | 20 | | | 20 |
| ANGELICA ROOT, EXTRACT FEMA 2087A | 5 | 159 | | | 159 |
| ANGELICA ROOT, OIL FEMA 2088A | 16 | 197 | | | 197 |
| ANGELICA SEED, EXTRACT FEMA 2089A | * | 20 | | | 20 |
| ANGELICA SEED, OIL FEMA 2090A | 6 | 58 | | | 58 |
| ANGELICA STEM, OIL FEMA 2091A | * | 38 | | | 38 |
| ANGOSTURA, EXTRACT FEMA 2092A | 5 | 1,075 | | | 1,075 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| ANISE FEMA 2093A | 18 | 151,234 | | | 151,234 |
| ANISE, OIL FEMA 2094A | 78 | 127,073 | | | 127,073 |
| ANISE, STAR FEMA 2095A | * | 66 | | | 66 |
| ANISE, STAR, OIL FEMA 2096A | 8 | 1,444 | | | 1,444 |
| ASAFETIDA, FLUID EXTRACT FEMA 2106A | 7 | 579 | | | 579 |
| ASAFETIDA, GUM FEMA 2107A | 4 | 145 | | | 145 |
| ASAFETIDA, OIL FEMA 2108A | 7 | 75 | | | 75 |
| ASH BARK, PRICKLY, EXT FEMA 2110A | 4 | 88 | | | 88 |
| BALM LEAVES, EXTRACT FEMA 2112A | * | 3 | | | 3 |
| BALM, OIL FEMA 2113A | * | 43 | | | 43 |
| BALSAM, PERU FEMA 2114A | 27 | 15,307 | | | 15,307 |
| BALSAM, PERU, OIL FEMA 2117A | 23 | 1,913 | | | 1,913 |
| BASIL FEMA 2118A | 35 | 313,164 | | | 313,164 |
| BASIL, OIL FEMA 2119A | 23 | 1,343 | | | 1,343 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| BASIL, OLEORESIN FEMA 2120A | 9 | 471 | | | 471 |
| BAY LEAVES, W IND, EXT FEMA 2121A | * | 137 | | | 137 |
| BAY LEAVES, W IND, OIL FEMA 2122A | 13 | 7,412 | | | 7,412 |
| BAY LEAVES, W IND, RESIN FEMA 2123A | 5 | 2,434 | | | 2,434 |
| BAY, SWEET FEMA 2124A | 27 | 291,656 | | | 291,656 |
| BAY, SWEET, OIL FEMA 2125A | 24 | 2,098 | | | 2,098 |
| BERGAMOT, OIL FEMA 2153A | 30 | 19,051 | | | 19,051 |
| CANANGA, OIL FEMA 2232A | 7 | 340 | | | 340 |
| CAPSICUM, EXTRACT FEMA 2233A | 7 | 106,112 | | | 106,112 |
| CAPSICUM, OLEORESIN FEMA 2234A | 68 | 98,767 | | | 98,767 |
| CARAWAY FEMA 2236A NAS 0421 | 28 | 634,089 | * | 1,560 | 635,649 |
| CARAWAY, BLACK FEMA 2237A | * | 15 | | | 15 |
| CARAWAY, OIL FEMA 2238A | 34 | 8,175 | | | 8,175 |
| CARDAMOM FEMA 2240A | 24 | 37,751 | | | 37,751 |
| CARDAMOM SEED, OIL FEMA 2241A | 29 | 2,148 | | | 2,148 |

TABLE 1L, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| CARROT, OIL FEMA 2244A | 19 | 149 | | | 149 |
| CASCARILLA BARK, EXT FEMA 2254A | * | 55 | | | 55 |
| CASCARILLA BARK, OIL FEMA 2255A | 9 | 268 | | | 268 |
| CASSIA FEMA 2256A | 19 | 2,603,139 | | | 2,603,139 |
| CASSIA BARK, EXTRACT FEMA 2257A | 6 | 2,414 | | | 2,414 |
| CASSIA BARK, OIL FEMA 2258A | 71 | 57,354 | | | 57,354 |
| CASTOREUM, EXTRACT FEMA 2261A | 24 | 3,181 | | | 3,181 |
| CASTOREUM, LIQUID FEMA 2262A | 10 | 87 | | | 87 |
| CAYENNE FEMA 2266A | 31 | 116,001 | | | 116,001 |
| CELERY SEED FEMA 2268A | 48 | 1,274,839 | | | 1,274,839 |
| CELERY SEED, EXTRACT FEMA 2269A | 18 | 50,046 | | | 50,046 |
| CELERY SEED, EXT SOLID FEMA 2270A | 14 | 18,718 | | | 18,718 |
| CELERY SEED, OIL FEMA 2271A | 42 | 54,472 | | | 54,472 |
| CHAMOMILE FLOWER OIL, ENG FEMA 2272A | 4 | 30 | | | 30 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| CHAMOMILE FLOWER OIL, HUN FEMA 2273A | 14 | 150 | | | 150 |
| CHAMOMILE FLOWER EXT, ROM FEMA 2274A | * | 25 | | | 25 |
| CHAMOMILE FLOWER OIL, ROM FEMA 2275A | 11 | 75 | | | 75 |
| CHERRY BARK, WILD, EXT FEMA 2276A | 23 | 12,004 | | | 12,004 |
| CHERVIL FEMA 2279A | * | 71 | | | 71 |
| CHICORY, EXTRACT FEMA 2280A | 26 | 54,388 | | | 54,388 |
| CINNAMON FEMA 2289A | 46 | 1,803,298 | | | 1,803,298 |
| CINNAMON BARK, EXT FEMA 2290A | 7 | 2,965 | | | 2,965 |
| CINNAMON BARK, OIL FEMA 2291A | 41 | 12,455 | | | 12,455 |
| CINNAMON LEAF, OIL FEMA 2292A | 38 | 9,926 | | | 9,926 |
| CITRONELLA, OIL FEMA 2308A | 10 | 4,728 | | | 4,728 |
| CIVET, ABSOLUTE FEMA 2319A | 10 | 350 | | | 350 |
| CLARY FEMA 2320A | * | 25 | | | 25 |
| CLARY, OIL FEMA 2321A | 15 | 645 | | | 645 |
| CLOVE BUD, EXTRACT FEMA 2322A | 6 | 58 | | | 58 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| CLOVE BUD, OIL FEMA 2323A | 82 | 87,402 | | | 87,402 |
| CLOVE BUD, OLEORESIN FEMA 2324A | 12 | 870 | | | 870 |
| CLOVE LEAF, OIL FEMA 2325A | 24 | 44,187 | | | 44,187 |
| CLOVER TOP RED, EXT SOLID FEMA 2326A | 5 | 2,455 | | | 2,455 |
| CLOVES FEMA 2327A | 55 | 519,335 | | | 519,335 |
| CLOVE STEM, OIL FEMA 2328A | 23 | 35,000 | | | 35,000 |
| COCA LEAF, EXTRACT FEMA 2329A | * | 20 | | | 20 |
| COGNAC, GREEN, OIL FEMA 2331A | 48 | 3,852 | | | 3,852 |
| COGNAC, WHITE, OIL FEMA 2332A | 22 | 1,098 | | | 1,098 |
| CORIANDER FEMA 2333A | 36 | 788,033 | | | 788,033 |
| CORIANDER, OIL FEMA 2334A | 54 | 13,095 | | | 13,095 |
| CORN SILK FEMA 2335A | 5 | 405 | | | 405 |
| CUMIN FEMA 2340A | 35 | 986,741 | | | 986,741 |
| CUMIN, BLACK FEMA 2342A | * | 2,370 | | | 2,370 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| CUMIN, OIL FEMA 2343A | 27 | 4,197 | | | 4,197 |
| CURACO PEEL, EXT FEMA 2344A | 5 | 993 | | | 993 |
| CURACAO PEEL, OIL FEMA 2345A | 5 | 730 | | | 730 |
| DANDELION, FLUID EXT FEMA 2357A | * | 243 | | | 243 |
| DANDELION ROOT, EXT SOLID FEMA 2358A | * | 137 | | | 137 |
| DILL FEMA 2382A | 13 | 88,365 | | | 88,365 |
| DILL, OIL FEMA 2383A | 38 | 106,300 | | | 106,300 |
| DOGGRASS, EXTRACT FEMA 2403A | * | 250 | | | 250 |
| ELDER FLOWERS FEMA 2406A | * | 243 | | | 243 |
| ESTRAGON, OIL FEMA 2412A | 16 | 2,554 | | | 2,554 |
| FENNEL, COMMON FEMA 2481A | 9 | 137,255 | | | 137,255 |
| FENNEL, SWEET FEMA 2482A | 6 | 38,330 | | | 38,330 |
| FENNEL, SWEET, OIL FEMA 2483A | 31 | 6,184 | | | 6,184 |
| FENUGREEK FEMA 2484A | 16 | 18,837 | | | 18,837 |
| FENUGREEK, EXTRACT FEMA 2485A | 44 | 61,774 | | | 61,774 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| FENUGREEK, OLEORESIN FEMA 2486A | 13 | 16,411 | | | 16,411 |
| GALANGAL ROOT FEMA 2498A | * | 3 | | | 3 |
| GALANGAL ROOT, EXTRCT FEMA 2499A | * | 20 | | | 20 |
| GALANGAL ROOT, OIL FEMA 2500A | 4 | 30 | | | 30 |
| GARLIC, OIL FEMA 2503A | 32 | 15,467 | | | 15,467 |
| GERANIUM, ROSE, OIL FEMA 2508A | 26 | 3,585 | | | 3,585 |
| GINGER FEMA 2520A | 46 | 898,492 | | | 898,492 |
| GINGER, EXTRACT FEMA 2521A | 6 | 793 | | | 793 |
| GINGER, OIL FEMA 2522A | 40 | 8,874 | | | 8,874 |
| GINGER, OLEORESIN FEMA 2523A | 46 | 62,144 | | | 62,144 |
| GLYCYRRHIZIN, AMMONIATED FEMA 2528A | 27 | 11,242 | | | 11,242 |
| GRAINS OF PARADISE FEMA 2529A | * | 83 | | | 83 |
| GRAPEFRUIT, OIL FEMA 2530A | 46 | 254,780 | | | 254,780 |
| HICKORY BARK, EXTRCT FEMA 2577A | * | 233 | | | 233 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| HOPS, EXTRACT FEMA 2578A | * | 108 | | | 108 |
| HOPS, EXTRACT SOLID FEMA 2579A | 8 | 1,361 | | | 1,361 |
| HOPS, OIL FEMA 2580A | 15 | 390 | | | 390 |
| HOREHOUND, EXTRACT FEMA 2581A | 16 | 7,976 | | | 7,976 |
| HYSSOP FEMA 2589A | * | 3 | | | 3 |
| HYSSOP, EXTRACT FEMA 2590A | * | 3 | | | 3 |
| HYSSOP, OIL FEMA 2591A | 6 | 58 | | | 58 |
| IMMORTELLE, EXTRACT FEMA 2592A | 11 | 97 | | | 97 |
| JASMINE, ABSOLUTE FEMA 2598A | 19 | 872 | | | 872 |
| JASMINE, CONCRETE FEMA 2599A | 4 | 30 | | | 30 |
| JASMINE, OIL FEMA 2600A | 20 | 172 | | | 172 |
| JASMINE, SPIRITUS FEMA 2601A | * | 15 | | | 15 |
| JUNIPER, EXTRACT FEMA 2603A | * | 38 | | | 38 |
| JUNIPER, OIL FEMA 2604A | 17 | 2,758 | | | 2,758 |
| KOLA NUT, EXTRACT FEMA 2607A | 30 | 84,019 | | | 84,019 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| LAUREL LEAVES, EXTRCT FEMA 2613A | * | 3 | | | 3 |
| LAVANDIN, OIL FEMA 2618A | * | 471 | | | 471 |
| LAVENDER, ABSOLUTE FEMA 2620A | * | 38 | | | 38 |
| LAVENDER, CONCRETE FEMA 2621A | * | 33 | | | 33 |
| LAVENDER, OIL FEMA 2622A | 11 | 1,035 | | | 1,035 |
| LEMON, EXTRACT FEMA 2623A | 7 | 74,330 | | | 74,330 |
| LEMON-GRASS, OIL FEMA 2624A | 15 | 33,574 | | | 33,574 |
| LEMON, OIL FEMA 2625A | 126 | 1,548,290 | | | 1,548,290 |
| LEMON OIL, TERP/LESS FEMA 2626A | 45 | 20,843 | | | 20,843 |
| LICORICE, EXTRACT FEMA 2628A | 24 | 44,572 | | | 44,572 |
| LICORICE, EXT POWDER FEMA 2629A | 14 | 180,735 | | | 180,735 |
| LICORICE ROOT FEMA 2630A NAS 0564 | 10 | 9,871 | | | 9,871 |
| LIME, OIL FEMA 2631A | 81 | 475,217 | | | 475,217 |
| LIME OIL, TERPENELESS FEMA 2632A | 39 | 36,345 | | | 36,345 |

TABLE 11. PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| MACE FEMA 2652A | 31 | 288,061 | | | 288,061 |
| MACE, OIL FEMA 2653A | 27 | 26,639 | | | 26,639 |
| MACE, OLEORESIN FEMA 2654A | 15 | 7,240 | | | 7,240 |
| MANDARIN, OIL FEMA 2657A | 36 | 17,649 | | | 17,649 |
| MARIGOLD, POT FEMA 2658A | * | 6 | | | 6 |
| MARJORAM, OLEORESIN FEMA 2659A | 7 | 1,368 | | | 1,368 |
| MARJORAM, POT FEMA 2660A | * | 15,750 | | | 15,750 |
| MARJORAM SEED FEMA 2661A | * | 2,933 | | | 2,933 |
| MARJORAM, SWEET FEMA 2662A | 27 | 286,374 | | | 286,374 |
| MARJORAM, SWEET, OIL FEMA 2663A | 21 | 4,385 | | | 4,385 |
| MENTHOL FEMA 2665A | 38 | 96,624 | | | 96,624 |
| MENTHYL ACETATE FEMA 2668A | 13 | 3,919 | | | 3,919 |
| MUSK TONQUIN FEMA 2759A | 6 | 35 | | | 35 |
| MUSTARD, BROWN FEMA 2760A | 8 | 1,899,255 | | | 1,899,255 |
| MUSTARD, YELLOW FEMA 2761A | 57 | 29,121,820 | | | 29,121,820 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| NEROLI BIGARDE, OIL<br>FEMA 2771A | 39 | 322 | | | 322 |
| NUTMEG<br>FEMA 2792A NAS 0431 | 60 | 1,066,532 | * | 5,050 | 1,071,582 |
| NUTMEG, OIL<br>FEMA 2793A | 69 | 106,425 | | | 106,425 |
| ONION, OIL<br>FEMA 2817A | 30 | 16,989 | | | 16,989 |
| ORANGE BLOSSOMS, ABS<br>FEMA 2818A | 14 | 287 | | | 287 |
| ORANGE FLOWERS<br>FEMA 2819A | * | 9 | | | 9 |
| ORANGE LEAF, ABSOLUTE<br>FEMA 2820A | 4 | 30 | | | 30 |
| ORANGE, OIL, DISTILL<br>FEMA 2821A NAS 0493 | 74 | 392,482 | | | 392,482 |
| ORANGE, OIL, TERPENELESS<br>FEMA 2822A | 44 | 21,258 | | | 21,258 |
| ORANGE PEEL, BITTER, OIL<br>FEMA 2823A | 26 | 32,464 | | | 32,464 |
| ORANGE PEEL, SWEET, EXT<br>FEMA 2824A | 8 | 16,035 | | | 16,035 |
| ORANGE PEEL, SWEET, OIL<br>FEMA 2825A | 67 | 1,072,319 | | | 1,072,319 |
| ORNGPL OIL SWEET TERP/LES<br>FEMA 2826A | 19 | 47,644 | | | 47,644 |
| OREGANO<br>FEMA 2827A | 47 | 920,934 | | | 920,934 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| ORIGANUM, OIL FEMA 2828A | 23 | 4,600 | | | 4,600 |
| PALMAROSA, OIL FEMA 2831A | 12 | 394 | | | 394 |
| PAPRIKA FEMA 2833A | 52 | 5,195,891 | | | 5,195,891 |
| PAPRIKA, OLEORESIN FEMA 2834A | 34 | 151,928 | | | 151,928 |
| PARSLEY FEMA 2835A | 31 | 764,644 | | | 764,644 |
| PARSLEY, OIL FEMA 2836A | 19 | 1,697 | | | 1,697 |
| PARSLEY, OLEORESIN FEMA 2837A | 11 | 3,053 | | | 3,053 |
| PEPPER, BLACK FEMA 2844A | 65 | 19,051,621 | | | 19,051,621 |
| PEPPER, BLACK, OIL FEMA 2845A | 24 | 7,224 | | | 7,224 |
| PEPPER, BLACK, OLEORES FEMA 2846A | 38 | 200,832 | | | 200,832 |
| PEPPERMINT LEAVES FEMA 2847A | * | 20 | | | 20 |
| PEPPERMINT, OIL FEMA 2848A | 102 | 1,005,427 | | | 1,005,427 |
| PEPPER, RED FEMA 2849A | 46 | 2,333,947 | | | 2,333,947 |
| PEPPER, WHITE FEMA 2850A | 54 | 1,171,022 | | | 1,171,022 |
| PEPPER, WHITE, OIL FEMA 2851A | 6 | 2,446 | | | 2,446 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| PEPPER, WHITE, OLEORES FEMA 2852A | 4 | 3,125 | | | 3,125 |
| PETITGRAIN, LEMON, OIL FEMA 2853A | 4 | 60 | | | 60 |
| PETITGRAIN, MAND, OIL FEMA 2854A | 12 | 119 | | | 119 |
| PETITGRAIN, OIL FEMA 2855A | 31 | 3,614 | | | 3,614 |
| PIMENTA LEAF, OIL FEMA 2901A | 32 | 27,174 | | | 27,174 |
| PIPSISSEWA LEAVES, EXT FEMA 2914A | 7 | 6,070 | | | 6,070 |
| POMEGRANATE BARK, EXT FEMA 2918A | * | 3 | | | 3 |
| POPPY SEED FEMA 2919A | 10 | 619,281 | | | 619,281 |
| ROSE, ABSOLUTE FEMA 2988A | 13 | 65 | | | 65 |
| ROSE BULG/TRUE OTTO, OIL FEMA 2989A | 35 | 230 | | | 230 |
| ROSEMARY FEMA 2991A | 21 | 192,750 | | | 192,750 |
| ROSEMARY, OIL FEMA 2992A | 22 | 3,834 | | | 3,834 |
| ROSE WATER, STRONGER FEMA 2993A | * | 313 | | | 313 |
| RUE FEMA 2994A | * | 3 | | | 3 |

TABLE 11. PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| RUE, OIL FEMA 2995A | 12 | 90 | | | 90 |
| SAFFRON FEMA 2998A | 8 | 713 | | | 713 |
| SAFFRON, EXTRACT FEMA 2999A | 4 | 108 | | | 108 |
| SAGE FEMA 3000A | 32 | 899,488 | | | 899,488 |
| SAGE, OIL FEMA 3001A | 24 | 6,684 | | | 6,684 |
| SAGE, OLEORESIN FEMA 3002A | 16 | 9,185 | | | 9,185 |
| SAGE, SPANISH, OIL FEMA 3003A | 14 | 4,309 | | | 4,309 |
| SAVORY, SUMMER FEMA 3012A | 13 | 70,087 | | | 70,087 |
| SAVORY, SUMMER, OIL FEMA 3013A | 5 | 55 | | | 55 |
| SAVORY, SUMMER, OLEORE FEMA 3014A | * | 20 | | | 20 |
| SAVORY, WINTER, OIL FEMA 3016A | * | 25 | | | 25 |
| SAVORY, WINTER, OLEORE FEMA 3017A | * | 50 | | | 50 |
| SCHINUS MOLLE, OIL FEMA 3018A | 7 | 397 | | | 397 |
| SLOE BERRIES FEMA 3020A | * | 7,416 | | | 7,416 |
| SLOE BERRIES, EXTRACT FEMA 3021A | * | 2,355 | | | 2,355 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| SLOE BERRIES, EXT SOLID FEMA 3022A | * | 33 | | | 33 |
| SPEARMINT FEMA 3030A | * | 6,740 | | | 6,740 |
| SPEARMINT, EXTRACT FEMA 3031A | * | 66 | | | 66 |
| SPEARMINT, OIL FEMA 3032A | 70 | 365,505 | | | 365,505 |
| SPIKE LAVENDER, OIL FEMA 3033A | * | 983 | | | 983 |
| TANGERINE, OIL FEMA 3041A | 38 | 67,080 | | | 67,080 |
| TARRAGON FEMA 3043A | 18 | 36,684 | | | 36,684 |
| THYME FEMA 3063A | 37 | 396,240 | | | 396,240 |
| THYME, OIL FEMA 3064A | 20 | 2,539 | | | 2,539 |
| THYME, WHITE, OIL FEMA 3065A | 12 | 7,064 | | | 7,064 |
| TUBEROSE, OIL FEMA 3084A | 6 | 40 | | | 40 |
| TURMERIC FEMA 3085A | 37 | 909,371 | | | 909,371 |
| TURMERIC, EXTRACT FEMA 3086A | 5 | 18,342 | | | 18,342 |
| TURMERIC, OLEORESIN FEMA 3087A | 26 | 50,758 | | | 50,758 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| VANILLA<br>FEMA 3104A NAS 0433 | 20 | 536,668 | * | 40,000 | 576,668 |
| VANILLA EXTRACT<br>FEMA 3105A NAS 0482 | 61 | 913,730 | * | 150,000 | 1,063,730 |
| VANILLA, OLEORESIN<br>FEMA 3106A | 15 | 17,413 | | | 17,413 |
| VIOLET LEAVES, ABSOL<br>FEMA 3110A | 13 | 70 | | | 70 |
| YLANG YLANG, OIL<br>FEMA 3119A | 21 | 2,520 | | | 2,520 |
| ZEDOARY<br>FEMA 3122A | * | 3 | | | 3 |
| ZEDOARYBARK, EXTRCT<br>FEMA 3123A | * | 66 | | | 66 |
| CALENDULA<br>FEMA 3264A | * | 3 | | | 3 |
| COCOA EXTRACT<br>FEMA 3278A | 11 | 536,327 | | | 536,327 |
| COFFEE, EXTRACT<br>FEMA 3279A | 20 | 67,486 | | | 67,486 |
| HICKORY, SMOKE, DIST<br>FEMA 3320A | 19 | 317,036 | | | 317,036 |
| LUPULIN<br>FEMA 3332A | * | 71 | | | 71 |
| MALT, EXTRACT<br>FEMA 3334A | 13 | 365,476 | | | 365,476 |
| MATE LEAVES<br>FEMA 3336A | 5 | 2,365 | | | 2,365 |
| TAMARIND, EXTRACT<br>FEMA 3395A | 9 | 10,598 | | | 10,598 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|---|
| TEA, EXTRACT FEMA 3397A | | * | 38 | | | 38 |
| ACETALDEHYDE FEMA 2003B | NAS 0448 | 53 | 25,958 | * | 12 | 25,970 |
| ACETOIN FEMA 2008B | NAS 0363 | 39 | 5,686 | * | 33 | 5,719 |
| ACONITIC ACID FEMA 2010B | | 4 | 137 | | | 137 |
| ANETHOLE FEMA 2084B | | 56 | 138,603 | | | 138,603 |
| BENZALDEHYDE FEMA 2127B | NAS 0367 | 74 | 268,963 | * | 400 | 269,363 |
| BUTYRIC ACID FEMA 2221B | NAS 0337 | 59 | 42,414 | * | 4,000 | 46,414 |
| TRIBUTYRIN FEMA 2223B | | 7 | 377 | | | 377 |
| CARVONE FEMA 2249B | | 27 | 11,687 | | | 11,687 |
| CINNAMALDEHYDE FEMA 2286B | | 64 | 404,454 | | | 404,454 |
| CINNAMALDE ETHYLENE GLYOL FEMA 2287B | | 4 | 79 | | | 79 |
| CITRAL FEMA 2303B | | 73 | 56,034 | | | 56,034 |
| DECANAL FEMA 2362B | | 41 | 977 | | | 977 |
| DIACETYL FEMA 2370B | | 69 | 23,564 | | | 23,564 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| ETHYL ACETATE<br>FEMA 2414B NAS 0449 | 81 | 445,281 | * | 125 | 445,406 |
| ETHYL BUTYRATE<br>FEMA 2427B | 85 | 280,589 | | | 280,589 |
| ETHYL METHYLPHENYLGLYCIDA<br>FEMA 2444B | 62 | 22,589 | | | 22,589 |
| ETHYL VANILLIN<br>FEMA 2464B | 100 | 266,597 | | | 266,597 |
| EUGENOL<br>FEMA 2467B | 52 | 60,493 | | | 60,493 |
| GERANIOL<br>FEMA 2507B | 50 | 14,488 | | | 14,488 |
| GERANYL ACETATE<br>FEMA 2509B | 44 | 4,502 | | | 4,502 |
| /6/-LIMONENE<br>FEMA 2633B | 40 | 135,790 | | | 135,790 |
| LINALOOL<br>FEMA 2635B | 51 | 16,135 | | | 16,135 |
| LINALYL ACETATE<br>FEMA 2636B | 49 | 11,758 | | | 11,758 |
| METHYL ANTHRANILATE<br>FEMA 2682B NAS 0563 | 66 | 73,300 | | | 73,300 |
| PIPERONAL<br>FEMA 2911B | 62 | 21,826 | | | 21,826 |
| GLYCEROL TRIBUTYRATE<br>FEMA 3308B | * | 238 | | | 238 |
| ALOE, EXTRACT<br>FEMA 2047C | 4 | 30 | | | 30 |
| ALTHEA ROOT<br>FEMA 2048C | * | 76 | | | 76 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| BALSAM FIR, OIL FEMA 2114C | * | 43 | | | 43 |
| BALSAM FIR, OLEORESIN FEMA 2115C | * | 33 | | | 33 |
| BENZOIN, RESIN FEMA 2133C | 17 | 3,049 | | | 3,049 |
| BLACKBERRY BARK, EXT FEMA 2155C | * | 15,022 | | | 15,022 |
| BURONIA, ABSOLUTE FEMA 2167C | 17 | 95 | | | 95 |
| BUCHU LEAVES, OIL FEMA 2169C | 16 | 208 | | | 208 |
| CAJEPUT, OIL FEMA 2225C | 5 | 15 | | | 15 |
| CAMPHOR, JAP, WHITE, OIL FEMA 2231C | 6 | 15,085 | | | 15,085 |
| CASCARA BITTERLESS, EXT FEMA 2253C | 5 | 35 | | | 35 |
| CASSIE, ABSOLUTE FEMA 2260C | 12 | 75 | | | 75 |
| CASTOR, OIL FEMA 2263C | 4 | 6,976 | | | 6,976 |
| CATECHU, EXTRACT FEMA 2264C | 5 | 105 | | | 105 |
| CATECHU, POWDER FEMA 2265C | * | 15 | | | 15 |
| CEDAR LEAF, OIL FEMA 2267C | 11 | 1,093 | | | 1,093 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| CHERRY LAUREL OIL, FFPA FEMA 2277C | 8 | 554 | | | 554 |
| CHERRY PITS, EXTRACT FEMA 2278C | * | 671 | | | 671 |
| CINCHONA BARK, RED, EXT FEMA 2282C | 8 | 162 | | | 162 |
| CINCHONA BARK, YELLOW FEMA 2283C | * | 20 | | | 20 |
| CINCHONA BARK, YEL, EXT FEMA 2284C | * | 71 | | | 71 |
| CINCHONA, EXTRACT FEMA 2285C | * | 88 | | | 88 |
| COSTUS ROOT, OIL FEMA 2336C | 7 | 45 | | | 45 |
| CUBEBS FEMA 2338C | * | 3 | | | 3 |
| CUBEBS, OIL FEMA 2339C | 8 | 299 | | | 299 |
| CURRANT BUDS, BLACK, ABS FEMA 2346C | * | 76 | | | 76 |
| DAVANA, OIL FEMA 2359C | 20 | 236 | | | 236 |
| DILL SEED, INDIAN FEMA 2384C | 14 | 316,972 | | | 316,972 |
| DITTANY OF CRETE FEMA 2399C | * | 15 | | | 15 |
| ELEMI, GUM FEMA 2407C | * | 2,375 | | | 2,375 |
| ELEMI, OIL FEMA 2408C | 9 | 138 | | | 138 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| EUCALYPTUS, OIL FEMA 2466C | 21 | 48,541 | | | 48,541 |
| GALBANUM, OIL FEMA 2501C | 9 | 162 | | | 162 |
| GALBANUM, RESIN FEMA 2502C | * | 20 | | | 20 |
| GENET, ABSOLUTE FEMA 2504C | 9 | 16 | | | 16 |
| GENET, EXTRACT FEMA 2505C | 4 | 30 | | | 30 |
| GENTIAN ROOT, EXTRACT FEMA 2506C | 14 | 912 | | | 912 |
| GUAIAC WOOD, EXTRACT FEMA 2533C | * | 30 | | | 30 |
| GUAIAC WOOD, OIL FEMA 2534C | 17 | 2,046 | | | 2,046 |
| GUARANA, GUM FEMA 2536C | * | 25 | | | 25 |
| HAW BARK, BLACK, EXT FEMA 2538C | * | 255 | | | 255 |
| LABDANUM, ABSOLUTE FEMA 2608C | 9 | 91 | | | 91 |
| LABDANUM, OIL FEMA 2609C | 10 | 297 | | | 297 |
| LABDANUM, OLEORESIN FEMA 2610C | 4 | 2,418 | | | 2,418 |
| LINALOE WOOD, OIL FEMA 2634C | 6 | 103 | | | 103 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| LOVAGE FEMA 2649C | * | 32 | | | 32 |
| LOVAGE, EXTRACT FEMA 2650C | 18 | 2,287 | | | 2,287 |
| LOVAGE, OIL FEMA 2651C | 23 | 175 | | | 175 |
| MIMOSA, ABSOLUTE FEMA 2755C | 9 | 45 | | | 45 |
| MT MAPLE, EXT SOLID FEMA 2757C | 8 | 2,777 | | | 2,777 |
| MYRRH, GUM FEMA 2765C | * | 3 | | | 3 |
| MYRRH, OIL FEMA 2766C | 6 | 145 | | | 145 |
| OAK CHIPS, EXTRACT FEMA 2794C | 5 | 265,927 | | | 265,927 |
| OAK MOSS, ABSOLUTE FEMA 2795C | 8 | 1,066 | | | 1,066 |
| OLIBANUM, OIL FEMA 2816C | 5 | 393 | | | 393 |
| ORRIS, CONCRETE, LIQ/OIL FEMA 2829C | 39 | 2,883 | | | 2,883 |
| ORRIS ROOT EXTRACT FEMA 2830C | 15 | 4,283 | | | 4,283 |
| PATCHOULY, OIL FEMA 2838C | 26 | 7,228 | | | 7,228 |
| PENNYROYAL, OIL FEMA 2839C | 9 | 133 | | | 133 |
| PINE NEED, DWARF, OIL FEMA 2904C | 6 | 155 | | | 155 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| PINE, SCOTCH, OIL FEMA 2906C | 5 | 55 | | | 55 |
| QUASSIA, EXTRACT FEMA 2971C | 14 | 684 | | | 684 |
| QUEBRACHO BARK, EXTRACT FEMA 2972C | 4 | 681 | | | 681 |
| QUILLAIA FEMA 2973C NAS 0399 | 10 | 30,052 | * | 4,000 | 34,052 |
| RHATANY, EXTRACT FEMA 2979C | 10 | 2,814 | | | 2,814 |
| SANDALWOOD, YELLOW, OIL FEMA 3005C | 12 | 2,458 | | | 2,458 |
| SARSAPARILLA, EXTRACT FEMA 3009C | 6 | 5,276 | | | 5,276 |
| SNAKEROOT, CANADIAN, OIL FEMA 3023C | 5 | 110 | | | 110 |
| SPRUCE, OIL FEMA 3034C | 14 | 408 | | | 408 |
| STORAX FEMA 3036C | 8 | 2,873 | | | 2,873 |
| STYRAX, EXTRACT FEMA 3037C | 4 | 763 | | | 763 |
| TAGETES, OIL FEMA 3040C | 16 | 101 | | | 101 |
| TOLU, BALSAM, EXTRACT FEMA 3069C | 8 | 45,695 | | | 45,695 |
| TOLU, BALSAM, GUM FEMA 3070C | 8 | 372 | | | 372 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| TURPENTINE, STEAM DIS FEMA 3089C | 8 | 60,620 | | | 60,620 |
| VALERIAN ROOT, EXTR FEMA 3099C | 15 | 1,203 | | | 1,203 |
| VALERIAN ROOT, OIL FEMA 3100C | 14 | 285 | | | 285 |
| WALNUT HULL, EXTRACT FEMA 3111C | 11 | 3,406 | | | 3,406 |
| WORMWOOD FEMA 3114C | * | 33 | | | 33 |
| WORMWOOD, EXTRACT FEMA 3115C | 6 | 340 | | | 340 |
| WORMWOOD, OIL FEMA 3116C | 10 | 738 | | | 738 |
| YARROW, HERB FEMA 3117C | * | 3 | | | 3 |
| YERBA SANTA, FLD EXTR FEMA 3118C | 4 | 93 | | | 93 |
| YUCCA, JOSHUA TREE FEMA 3120C | * | 2,333 | | | 2,333 |
| YUCCA, MOHAVE, EXTRCT FEMA 3121C | 12 | 88,520 | | | 88,520 |
| AMYRIS FEMA 3254C | * | 83 | | | 83 |
| ARNICA, FLOWERS FEMA 3256C | * | 238 | | | 238 |
| ARTICHOKE, LEAVES FEMA 3257C | * | 3 | | | 3 |
| BOLDUS(BOLDO)LEAVES FEMA 3262C | * | 3 | | | 3 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| CALUMBA, ROOT FEMA 3265C | * | 3 | | | 3 |
| CENTAURY FEMA 3272C | * | 238 | | | 238 |
| CHESTNUT, LEAVES EXTR FEMA 3273C | * | 2,338 | | | 2,338 |
| CHIRATA FEMA 3274C | * | 3 | | | 3 |
| COPAIBA FEMA 3280C | * | 238 | | | 238 |
| CORK, OAK FEMA 3281C | * | 33 | | | 33 |
| DAMIANA, LEAVES FEMA 3288C | * | 20 | | | 20 |
| ELECAMPANE, RT&IZ/ROOT FEMA 3294C | * | 20 | | | 20 |
| GENTIAN, STEMLESS FEMA 3304C | * | 38 | | | 38 |
| LEMON, VERBENA FEMA 3327C | * | 3 | | | 3 |
| LUNGMOSS (LUNGWORT) FEMA 3331C | * | 233 | | | 233 |
| MULLIEN, FLOWERS FEMA 3356C | * | 66 | | | 66 |
| OPOPANAX FEMA 3365C | * | 971 | | | 971 |
| PASSION FLOWER,HERB EXT FEMA 3367C | * | 233 | | | 233 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| RHUBARB, ROOT FEMA 3382C | * | 3 | | | 3 |
| ROSELLE FEMA 3383C | * | 3 | | | 3 |
| ROSIN(COLOPHONY) FEMA 3384C | * | 3 | | | 3 |
| ST. JOHNSWORT FEMA 3385C | * | 33 | | | 33 |
| SERPENTARIA FEMA 3389C | * | 3 | | | 3 |
| SIMARUBA, BARK FEMA 3390C | * | 15 | | | 15 |
| TANSY FEMA 3396C | * | 3 | | | 3 |
| VERONICA FEMA 3404C | * | 233 | | | 233 |
| VERVAIN, EUROPEAN FEMA 3405C | * | 3 | | | 3 |
| VETIVER FEMA 3406C | 4 | 48 | | | 48 |
| VIOLET, SWISS FEMA 3407C | * | 15 | | | 15 |
| WOODRUFF, SWEET FEMA 3408C | * | 66 | | | 66 |
| ACETAL FEMA 20020 | 18 | 191 | | | 191 |
| ACETALDEHYDE PHENETHYL PR FEMA 20040 | 4 | 12 | | | 12 |
| ACETANISOLE FEMA 20050 | 17 | 2,820 | | | 2,820 |

TABLE II, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| ACETOPHENONE FEMA 20090 | 20 | 3,278 | | | 3,278 |
| ALLYL ANTHRANILATE FEMA 20200 | 6 | 40 | | | 40 |
| ALLYL BUTYRATE FEMA 20210 | 4 | 40 | | | 40 |
| ALLYL CINNAMATE FEMA 20220 | 7 | 55 | | | 55 |
| ALLYL CYCLOHEXANEACETATE FEMA 20230 | 5 | 253 | | | 253 |
| ALLYL CYCLOHEXANEBUTYRATE FEMA 20240 | 5 | 35 | | | 35 |
| ALLYL CYCLOHEXANEHEXANOAT FEMA 20250 | 4 | 40 | | | 40 |
| ALLYL CYCLOHEXANEPROPIONA FEMA 20260 | 35 | 1,688 | | | 1,688 |
| ALLYL CYCLOHEXANEVALERATE FEMA 20270 | 5 | 35 | | | 35 |
| DIALLYL DISULFIDE FEMA 20280 | 14 | 143 | | | 143 |
| ALLYL 2-ETHYLBUTYRATE FEMA 20290 | 4 | 12 | | | 12 |
| ALLYL HEXANOATE FEMA 20320 | 52 | 10,444 | | | 10,444 |
| ALLYL AG-IONONE FEMA 20330 | 10 | 70 | | | 70 |
| ALLYL ISOTHIOCYANATE FEMA 20340 | 26 | 19,791 | | | 19,791 |

TABLE 11. PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| ALLYL MERCAPTAN FEMA 2035D | 8 | 50 | | | 50 |
| ALLYL NONANOATE FEMA 2036D | 5 | 15 | | | 15 |
| ALLYL OCTANOATE FEMA 2037D | 10 | 130 | | | 130 |
| ALLYL PHENOXYACETATE FEMA 2038D | 6 | 18 | | | 18 |
| ALLYL PHENYLACETATE FEMA 2039D | 6 | 58 | | | 58 |
| ALLYL PROPIONATE FEMA 2040D | 6 | 35 | | | 35 |
| ALLYL SORBATE FEMA 2041D | 4 | 12 | | | 12 |
| DIALLYL SULFIDE FEMA 2042D | 9 | 85 | | | 85 |
| ALLYL TIGLATE FEMA 2043D | * | 6 | | | 6 |
| ALLYL 1-UNDECENOATE FEMA 2044D | 4 | 30 | | | 30 |
| ALLYL ISOVALERATE FEMA 2045D | 9 | 138 | | | 138 |
| AMMONIUM SULFIDE FEMA 2053D | 9 | 285 | | | 285 |
| AMMONIUM ISOVALERATE FEMA 2054D | 9 | 292 | | | 292 |
| ISOAMYL ACETATE FEMA 2055D | 78 | 299,614 | | | 299,614 |
| AMYL ALCOHOL FEMA 2056D | 25 | 3,964 | | | 3,964 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| ISOAMYL ALCOHOL FEMA 2057D | 28 | 17,852 | | | 17,852 |
| ISOAMYL BENZOATE FEMA 2058D | 13 | 121 | | | 121 |
| AMYL BUTYRATE FEMA 2059D | 52 | 38,906 | | | 38,906 |
| ISOAMYL BUTYRATE FEMA 2060D | 40 | 17,038 | | | 17,038 |
| AE-AMYLCINNAMALDEHYDE FEMA 2061D | 18 | 443 | | | 443 |
| AE-AMYLCINNAMALDEHYD DIME FEMA 2062D | 6 | 18 | | | 18 |
| ISOAMYL CINNAMATE FEMA 2063D | 14 | 195 | | | 195 |
| AE-AMYLCINNAMYL ACETATE FEMA 2064D | 4 | 12 | | | 12 |
| AE-AMYLCINNAMYL ALCOHOL FEMA 2065D | 5 | 15 | | | 15 |
| AE-AMYLCINNAMYL FORMATE FEMA 2066D | 5 | 15 | | | 15 |
| AE-AMYLCINNAMYL ISOVALER FEMA 2067D | 4 | 12 | | | 12 |
| AMYL FORMATE FEMA 2068D | 23 | 1,659 | | | 1,659 |
| ISOAMYL FORMATE FEMA 2069D | 20 | 1,604 | | | 1,604 |
| ISOAMYL 2-FURANBUTYRATE FEMA 2070D | * | 6 | | | 6 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| ISOAMYL 2-FURANPROPIONATE FEMA 2071D | 4 | 12 | | | 12 |
| AMYL HEPTANOATE FEMA 2073D | 7 | 1,967 | | | 1,967 |
| AMYL HEXANOATE FEMA 2074D | 11 | 411 | | | 411 |
| ISOAMYL HEXANOATE FEMA 2075D | 21 | 1,034 | | | 1,034 |
| ISOAMYL LAURATE FEMA 2077D | * | 20 | | | 20 |
| ISOAMYL NONANOATE FEMA 2078D | * | 35 | | | 35 |
| AMYL OCTANOATE FEMA 2079D | 8 | 120 | | | 120 |
| ISOAMYL OCTANOATE FEMA 2080D | 11 | 136 | | | 136 |
| ISOAMYL PHENYLACETATE FEMA 2081D | 17 | 440 | | | 440 |
| ISOAMYL PROPIONATE FEMA 2082D | 24 | 4,444 | | | 4,444 |
| ISOAMYL PYRUVATE FEMA 2083D | * | 238 | | | 238 |
| ISOAMYL SALICYLATE FEMA 2084D | 11 | 15,159 | | | 15,159 |
| ISOAMYL ISOVALERATE FEMA 2085D | 51 | 27,434 | | | 27,434 |
| ANISOLE FEMA 2097D | 8 | 142 | | | 142 |
| ANISYL ACETATE FEMA 2098D | 33 | 932 | | | 932 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| ANISYL ALCOHOL FEMA 20990 | 22 | 1,226 | | | 1,226 |
| ANISYL BUTYRATE FEMA 21000 | 5 | 53 | | | 53 |
| ANISYL FORMATE FEMA 21010 | 11 | 95 | | | 95 |
| ANISYL PROPIONATE FEMA 21020 | 10 | 70 | | | 70 |
| BENZALDEHYDE DIME ACETAL FEMA 21280 | 5 | 768 | | | 768 |
| BENZALD. GLYCERYL ACETAL FEMA 21290 | 10 | 3,380 | | | 3,380 |
| BENZALD PROPYLENE GLYC FEMA 21300 | * | 103 | | | 103 |
| BENZOIN FEMA 21320 | 5 | 688 | | | 688 |
| BENZOPHENONE FEMA 21340 | 9 | 445 | | | 445 |
| BENZYL ACETATE FEMA 21350 | 47 | 52,798 | | | 52,798 |
| BENZYL ACETOACETATE FEMA 21360 | 4 | 59 | | | 59 |
| BENZYL ALCOHOL FEMA 21370 | 44 | 109,679 | | | 109,679 |
| BENZYL BENZOATE FEMA 21380 | 27 | 17,439 | | | 17,439 |
| BENZYL BUTYL ETHER FEMA 21390 | * | 30 | | | 30 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| BENZYL BUTYRATE FEMA 2140D | 33 | 6,075 | | | 6,075 |
| BENZYL ISOBUTYRATE FEMA 2141D | 11 | 7,046 | | | 7,046 |
| BENZYL CINNAMATE FEMA 2142D | 15 | 2,806 | | | 2,806 |
| BENZYL 2,3-DIMETHYLCROTON FEMA 2143D | * | 20 | | | 20 |
| BENZYL ETHYL ETHER FEMA 2144D | * | 30 | | | 30 |
| BENZYL FORMATE FEMA 2145D | 18 | 251 | | | 251 |
| 3-BENZYL-4-HEPTANONE FEMA 2146D | * | 6 | | | 6 |
| BENZYL MERCAPTAN FEMA 2147D | * | 9 | | | 9 |
| BENZYL METHOXYETHYL ACETA FEMA 2148D | * | 20 | | | 20 |
| BENZYL PHENYLACETATE FEMA 2149D | 10 | 803 | | | 803 |
| BENZYL PROPIONATE FEMA 2150D | 27 | 8,605 | | | 8,605 |
| BENZYL SALICYLATE FEMA 2151D | 10 | 3,494 | | | 3,494 |
| BENZYL ISOVALERATE FEMA 2152D | 13 | 554 | | | 554 |
| BOIS DE ROSE, OIL FEMA 2156D | 18 | 19,315 | | | 19,315 |
| BORNEOL FEMA 2157D | 23 | 569 | | | 569 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| ISOBORNEOL FEMA 2158D | 10 | 1,025 | | | 1,025 |
| BORNYL ACETATE FEMA 2159D | 13 | 230 | | | 230 |
| ISOBORNYL ACETATE FEMA 2160D | 12 | 595 | | | 595 |
| BORNYL FORMATE FEMA 2161D | * | 9 | | | 9 |
| ISOBORNYL FORMATE FEMA 2162D | * | 238 | | | 238 |
| ISOBORNYL PROPIONATE FEMA 2163D | 4 | 256 | | | 256 |
| BORNYL ISOVALERATE FEMA 2165D | 4 | 113 | | | 113 |
| ISOBORNYL ISOVALERATE FEMA 2166D | * | 43 | | | 43 |
| 2-BUTANONE FEMA 2170D | 11 | 875 | | | 875 |
| BUTTER ACIDS FEMA 2171D | 20 | 3,835 | | | 3,835 |
| BUTTER ESTERS FEMA 2172D | 28 | 6,448 | | | 6,448 |
| BUTTER STARTER DIST FEMA 2173D | 17 | 26,428 | | | 26,428 |
| BUTYL ACETATE FEMA 2174D | 23 | 16,207 | | | 16,207 |
| ISOBUTYL ACETATE FEMA 2175D | 36 | 9,884 | | | 9,884 |

TABLE 11. PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| BUTYL ACETOACETATE FEMA 2176D | * | 67 | | | 67 |
| ISOBUTYL ACETOACETATE FEMA 2177D | 4 | 50 | | | 50 |
| BUTYL ALCOHOL FEMA 2178D | 15 | 207 | | | 207 |
| ISOBUTYL ALCOHOL FEMA 2179D | 10 | 95 | | | 95 |
| ISOBUTYL ANGELATE FEMA 2180D | * | 6 | | | 6 |
| BUTYL ANTHRANILATE FEMA 2181D | 10 | 203 | | | 203 |
| ISOBUTYL ANTHRANILATE FEMA 2182D | 10 | 138 | | | 138 |
| ISOBUTYL BENZOATE FEMA 2185D | 6 | 103 | | | 103 |
| BUTYL BUTYRATE FEMA 2186D | 27 | 2,082 | | | 2,082 |
| ISOBUTYL BUTYRATE FEMA 2187D | 19 | 1,460 | | | 1,460 |
| BUTYL ISOBUTYRATE FEMA 2188D | 9 | 285 | | | 285 |
| ISOBUTYL ISOBUTYRATE FEMA 2189D | 6 | 498 | | | 498 |
| BUTYL BUTYRYLLACTATE FEMA 2190D | 22 | 1,598 | | | 1,598 |
| AC-BUTYLCINNAMALDEHYDE FEMA 2191D | * | 6 | | | 6 |
| BUTYL CINNAMATE FEMA 2192D | 7 | 94 | | | 94 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| ISOBUTYL CINNAMATE FEMA 21930 | 12 | 112 | | | 112 |
| BUTYL 2-DECENOATE FEMA 21940 | 4 | 60 | | | 60 |
| BUTYL ETHYL MALONATE FEMA 21950 | * | 20 | | | 20 |
| BUTYL FORMATE FEMA 21960 | 6 | 40 | | | 40 |
| ISOBUTYL FORMATE FEMA 21970 | 8 | 68 | | | 68 |
| ISOBUTYL 2-FURANPROPIONAT FEMA 21980 | 9 | 73 | | | 73 |
| BUTYL HEPTANOATE FEMA 21990 | 4 | 81 | | | 81 |
| ISOBUTYL HEPTANOATE FEMA 22000 | * | 20 | | | 20 |
| BUTYL HEXANOATE FEMA 22010 | 5 | 45 | | | 45 |
| ISOBUTYL HEXANOATE FEMA 22020 | 13 | 63 | | | 63 |
| BUTYL P-HYDROXYBENZOATE FEMA 22030 | * | 38 | | | 38 |
| BUTYL LACTATE FEMA 22050 | 5 | 65 | | | 65 |
| BUTYL LAURATE FEMA 22060 | * | 43 | | | 43 |
| BUTYL LEVULINATE FEMA 22070 | 4 | 30 | | | 30 |

TABLE 11. PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| A6-ISOBUTYLPHENETHYL ALCO FEMA 2208D | 4 | 113 | | | 113 |
| BUTYL PHENYLACETATE FEMA 2209D | 4 | 30 | | | 30 |
| ISOBUTYL PHENYLACETATE FEMA 2210D | 13 | 220 | | | 220 |
| BUTYL PROPIONATE FEMA 2211D | 9 | 82 | | | 82 |
| ISOBUTYL PROPIONATE FEMA 2212D | 6 | 135 | | | 135 |
| ISOBUTYL SALICYLATE FEMA 2213D | 5 | 98 | | | 98 |
| BUTYL STEARATE FEMA 2214D | 11 | 6,829 | | | 6,829 |
| DIBUTYL SULFIDE FEMA 2215D | 6 | 18 | | | 18 |
| BUTYL 10-UNDECENOATE FEMA 2216D | 4 | 9 | | | 9 |
| BUTYL VALERATE FEMA 2217D | 5 | 93 | | | 93 |
| BUTYL ISOVALERATE FEMA 2218D | 11 | 3,447 | | | 3,447 |
| BUTYRALDEHYDE FEMA 2219D | 15 | 453 | | | 453 |
| ISOBUTYRALDEHYDE FEMA 2220D | 11 | 107 | | | 107 |
| ISOBUTYRIC ACID FEMA 2222D | 19 | 676 | | | 676 |
| CAMPHENE FEMA 2229D | 7 | 503 | | | 503 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| /G/-CAMPHOR FEMA 2230D | 10 | 15,504 | | | 15,504 |
| CARVACROL FEMA 2245D | 7 | 721 | | | 721 |
| CARVACRYL ETHYL ETHER FEMA 2246D | * | 6 | | | 6 |
| CARVEOL FEMA 2247D | 5 | 2,373 | | | 2,373 |
| 4-CARVOMENTHENOL FEMA 2248D | 8 | 103 | | | 103 |
| CARVYL ACETATE FEMA 2250D | 7 | 270 | | | 270 |
| CARVYL PROPIONATE FEMA 2251D | * | 38 | | | 38 |
| BG-CARYOPHYLLENE FEMA 2252D | 18 | 3,388 | | | 3,388 |
| CINNAMIC ACID FEMA 2288D | 11 | 404 | | | 404 |
| CINNAMYL ACETATE FEMA 2293D | 20 | 1,613 | | | 1,613 |
| CINNAMYL ALCOHOL FEMA 2294D | 29 | 2,028 | | | 2,028 |
| CINNAMYL ANTHRANILATE FEMA 2295D | 15 | 425 | | | 425 |
| CINNAMYL BUTYRATE FEMA 2296D | 15 | 275 | | | 275 |
| CINNAMYL ISOBUTYRATE FEMA 2297D | 19 | 304 | | | 304 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| CINNAMYL CINNAMATE FEMA 2298D | 15 | 766 | | | 766 |
| CINNAMYL FORMATE FEMA 2299D | 13 | 1,145 | | | 1,145 |
| CINNAMYL PHENYLACETATE FEMA 2300D | 6 | 70 | | | 70 |
| CINNAMYL PROPIONATE FEMA 2301D | 24 | 645 | | | 645 |
| CINNAMYL ISOVALERATE FEMA 2302D | 24 | 605 | | | 605 |
| CITRAL DIETHYL ACETAL FEMA 2304D | * | 88 | | | 88 |
| CITRAL DIMETHYL ACETAL FEMA 2305D | * | 71 | | | 71 |
| CITRONELLAL FEMA 2307D | 30 | 1,664 | | | 1,664 |
| DL-CITRONELLOL FEMA 2309D | 23 | 7,041 | | | 7,041 |
| CITRONELLOXYACETALDEHYDE FEMA 2310D | * | 6 | | | 6 |
| CITRONELLYL ACETATE FEMA 2311D | 20 | 504 | | | 504 |
| CITRONELLYL BUTYRATE FEMA 2312D | 15 | 122 | | | 122 |
| CITRONELLYL ISOBUTYRATE FEMA 2313D | 12 | 184 | | | 184 |
| CITRONELLYL FORMATE FEMA 2314D | 10 | 297 | | | 297 |
| CITRONELLYL PHENYLACETATE FEMA 2315D | 4 | 93 | | | 93 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| CITRONELLYL PROPRIONATE FEMA 2316D | 9 | 80 | | | 80 |
| CITRONELLYL VALERATE FEMA 2317D | * | 43 | | | 43 |
| P-CRESOL FEMA 2337D | 11 | 106 | | | 106 |
| CUMINALDEHYDE FEMA 2341D | 13 | 375 | | | 375 |
| CYCLOHEXANEACETIC ACID FEMA 2347D | * | 3 | | | 3 |
| CYCLOHEXANE-ETHYL ACETATE FEMA 2348D | * | 3 | | | 3 |
| CYCLOHEXYL ACETATE FEMA 2349D | 8 | 125 | | | 125 |
| CYCLOHEXYL ANTHRANILATE FEMA 2350D | 4 | 30 | | | 30 |
| CYCLOHEXYL BUTYRATE FEMA 2351D | 11 | 95 | | | 95 |
| CYCLOHEXYL CINNAMATE FEMA 2352D | 6 | 50 | | | 50 |
| CYCLOHEXYL FORMATE FEMA 2353D | 7 | 45 | | | 45 |
| CYCLOHEXYL PROPIONATE FEMA 2354D | 7 | 21 | | | 21 |
| CYCLOHEXYL ISOVALERATE FEMA 2355D | 9 | 27 | | | 27 |
| P-CYMENE FEMA 2356D | 21 | 1,823 | | | 1,823 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| GE-DECALACTONE FEMA 2360D | 23 | 253 | | | 253 |
| DE-DECALACTONE FEMA 2361D | 21 | 3,199 | | | 3,199 |
| DECANAL DIMETHYL ACETAL FEMA 2363D | 4 | 30 | | | 30 |
| 1-DECANOL FEMA 2365D | 21 | 493 | | | 493 |
| 2-DECENAL FEMA 2366D | 5 | 45 | | | 45 |
| DECYL ACETATE FEMA 2367D | 12 | 108 | | | 108 |
| DECYL BUTYRATE FEMA 2368D | 4 | 12 | | | 12 |
| DECYL PROPIONATE FEMA 2369D | 5 | 10 | | | 10 |
| DIBENZYL ETHER FEMA 2371D | 14 | 6,608 | | | 6,608 |
| 4,4-DIBUTYL-GE-BUTYROLACT FEMA 2372D | * | 6 | | | 6 |
| DIBUTYL SEBACATE FEMA 2373D | * | 20 | | | 20 |
| DIETHYL MALATE FEMA 2374D | 4 | 30 | | | 30 |
| DIETHYL MALONATE FEMA 2375D | 18 | 1,110 | | | 1,110 |
| DIETHYL SEBACATE FEMA 2376D | 16 | 1,057 | | | 1,057 |
| DIETHYL SUCCINATE FEMA 2377D | 11 | 389 | | | 389 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| DIETHYL TARTRATE FEMA 23780 | * | 132 | | | 132 |
| DIHYDROCARVEOL FEMA 23790 | 8 | 108 | | | 108 |
| DIHYDROCARVYL ACETATE FEMA 23800 | 4 | 32 | | | 32 |
| MA-DIMETHOXYBENZENE FEMA 23850 | 10 | 358 | | | 358 |
| PA-DIMETHOXYBENZENE FEMA 23860 | 14 | 129 | | | 129 |
| 2,4-DIMETHYLACETOPHENONE FEMA 23870 | 5 | 89 | | | 89 |
| A&-DIMETHYLBENZYL ISOBUTY FEMA 23880 | * | 20 | | | 20 |
| 2,6-DIMETHYL-5-HEPTENAL FEMA 23890 | 16 | 466 | | | 466 |
| 2,6-DIMETHYLOCTANAL FEMA 23900 | 4 | 12 | | | 12 |
| 3,7-DIMETHYL OCTANOL-1 FEMA 23910 | * | 15 | | | 15 |
| A&-DIMETHYLPHENETHYL ACET FEMA 23920 | 12 | 143 | | | 143 |
| A&-DIMETHYLPHENETHYL ALCO FEMA 23930 | 4 | 135 | | | 135 |
| A&-DIMETHYLPHENETHYL BUTY FEMA 23940 | 6 | 498 | | | 498 |
| A&-DIMETHYLPHENETHYL FORM FEMA 23950 | 4 | 10 | | | 10 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| DIMETHYL SUCCINATE FEMA 2396D | 4 | 74 | | | 74 |
| 1,3-DIPHENYL PROPANONE-2 FEMA 2397D | * | 3 | | | 3 |
| GG-DODECALACTONE FEMA 2400D | 20 | 871 | | | 871 |
| DG-DODECALACTONE FEMA 2401D | 14 | 199 | | | 199 |
| 2-DODECENAL FEMA 2402D | 5 | 15 | | | 15 |
| ESTRAGOLE FEMA 2411D | 19 | 6,933 | | | 6,933 |
| PB-ETHOXYBENZALDEHYDE FEMA 2413D | * | 20 | | | 20 |
| ETHYL ACETOACETATE FEMA 2415D | 36 | 10,495 | | | 10,495 |
| ETHYL 2-ACETYL-3-PHENYLPR FEMA 2416D | * | 6 | | | 6 |
| ETHYL ACONITATE FEMA 2417D | 6 | 110 | | | 110 |
| ETHYL ACRYLATE FEMA 2418D | 15 | 153 | | | 153 |
| ETHYL PB-ANISATE FEMA 2420D | 7 | 140 | | | 140 |
| ETHYL ANTHRANILATE FEMA 2421D | 32 | 1,784 | | | 1,784 |
| ETHYL BENZOATE FEMA 2422D | 37 | 940 | | | 940 |
| ETHYL BENZOYLACETATE FEMA 2423D | * | 3 | | | 3 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| A6-ETHYLBENZYL BUTYRATE FEMA 2424D | * | 3 | | | 3 |
| 2-ETHYLBUTYL ACETATE FEMA 2425D | * | 20 | | | 20 |
| 2-ETHYLBUTYRALDEHYDE FEMA 2426D | 4 | 40 | | | 40 |
| ETHYL ISOBUTYRATE FEMA 2428D | 14 | 1,282 | | | 1,282 |
| 2-ETHYLBUTYRIC ACID FEMA 2429D | 7 | 287 | | | 287 |
| ETHYL CINNAMATE FEMA 2430D | 24 | 1,067 | | | 1,067 |
| ETHYL CYCLOHEXANEPROPIONA FEMA 2431D | 4 | 105 | | | 105 |
| ETHYL DECANOATE FEMA 2432D | 18 | 400 | | | 400 |
| ETHYL 2-FURANPROPIONATE FEMA 2435D | 5 | 35 | | | 35 |
| 4-ETHYLGUAIACOL FEMA 2436D | 6 | 70 | | | 70 |
| ETHYL HEPTANOATE FEMA 2437D | 45 | 9,104 | | | 9,104 |
| 2-ETHYL-2-HEPTENAL FEMA 2438D | * | 3 | | | 3 |
| ETHYL HEXANOATE FEMA 2439D | 37 | 13,968 | | | 13,968 |
| ETHYL LACTATE FEMA 2440D | 36 | 17,406 | | | 17,406 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| ETHYL LAURATE FEMA 2441D | 18 | 624 | | | 624 |
| ETHYL LEVULINATE FEMA 2442D | 9 | 1,744 | | | 1,744 |
| ETHYL 2-METHYLBUTYRATE FEMA 2443D | 19 | 944 | | | 944 |
| ETHYL MYRISTATE FEMA 2445D | 12 | 2,496 | | | 2,496 |
| ETHYL NITRITE FEMA 2446D | 14 | 473 | | | 473 |
| ETHYL NONANOATE FEMA 2447D | 36 | 5,175 | | | 5,175 |
| ETHYL 2-NONYNOATE FEMA 2448D | 5 | 53 | | | 53 |
| ETHYL OCTANOATE FEMA 2449D | 28 | 515 | | | 515 |
| ETHYL OLEATE FEMA 2450D | 6 | 60 | | | 60 |
| ETHYL PHENYLACETATE FEMA 2452D | 17 | 1,208 | | | 1,208 |
| ETHYL 4-PHENYLBUTYRATE FEMA 2453D | * | 6 | | | 6 |
| ETHYL 3-PHENYLGLYCIDATE FEMA 2454D | 17 | 1,018 | | | 1,018 |
| ETHYL 3-PHENYLPROPIONATE FEMA 2455D | * | 243 | | | 243 |
| ETHYL PROPIONATE FEMA 2456D | 54 | 59,060 | | | 59,060 |
| ETHYL PYRUVATE FEMA 2457D | 8 | 171 | | | 171 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| ETHYL SALICYLATE FEMA 2458D | 22 | 1,334 | | | 1,334 |
| ETHYL TIGLATE FEMA 2460D | 8 | 35 | | | 35 |
| ETHYL 10-UNDECENOATE FEMA 2461D | * | 15 | | | 15 |
| ETHYL VALERATE FEMA 2462D | 27 | 3,805 | | | 3,805 |
| ETHYL ISOVALERATE FEMA 2463D | 43 | 6,962 | | | 6,962 |
| EUCALYPTOL FEMA 2465D | 24 | 4,761 | | | 4,761 |
| ISOEUGENOL FEMA 2468D | 18 | 4,922 | | | 4,922 |
| EUGENYL ACETATE FEMA 2469D | 8 | 2,462 | | | 2,462 |
| ISOEUGENYL ACETATE FEMA 2470D | 5 | 730 | | | 730 |
| EUGENYL BENZOATE FEMA 2471D | * | 15 | | | 15 |
| ISOEUGENYL ETHYL ETHER FEMA 2472D | * | 3 | | | 3 |
| EUGENYL FORMATE FEMA 2473D | * | 15 | | | 15 |
| ISOEUGENYL FORMATE FEMA 2474D | * | 3 | | | 3 |
| EUGENYL METHYL ETHER FEMA 2475D | 14 | 7,258 | | | 7,258 |

TABLE 11. PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| ISOEUGENYL METHYL ETHER FEMA 2476D | 13 | 628 | | | 628 |
| ISOEUGENYL PHENYLACETATE FEMA 2477D | * | 9 | | | 9 |
| FARNESOL FEMA 2478D | 8 | 96 | | | 96 |
| /6/-FENCHONE FEMA 2479D | 7 | 263 | | | 263 |
| FENCHYL ALCOHOL FEMA 2480D | 12 | 395 | | | 395 |
| FORMIC ACID FEMA 2487D | 5 | 128 | | | 128 |
| /2-FURYL/-2-PROPANONE FEMA 2496D | * | 6 | | | 6 |
| ISOAMYL FUSEL OIL FEMA 2497D | 34 | 9,208 | | | 9,208 |
| GERANYL ACETOACETATE FEMA 2510D | * | 15 | | | 15 |
| GERANYL BENZOATE FEMA 2511D | 4 | 26 | | | 26 |
| GERANYL BUTYRATE FEMA 2512D | 25 | 530 | | | 530 |
| GERANYL ISOBUTYRATE FEMA 2513D | 7 | 115 | | | 115 |
| GERANYL FORMATE FEMA 2514D | 12 | 422 | | | 422 |
| GERANYL HEXANOATE FEMA 2515D | 6 | 70 | | | 70 |
| GERANYL PHENYLACETATE FEMA 2516D | 6 | 18 | | | 18 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| GERANYL PROPIONATE FEMA 2517D | 14 | 431 | | | 431 |
| GERANYL ISOVALERATE FEMA 2518D | 9 | 933 | | | 933 |
| GLYCERYL MONOOLEATE FEMA 2526D | * | 30 | | | 30 |
| GUAIACOL FEMA 2532D | 15 | 251 | | | 251 |
| GUAIACYL PHENYLACETATE FEMA 2535D | 7 | 108 | | | 108 |
| GG-HEPTALACTONE FEMA 2539D | 11 | 743 | | | 743 |
| HEPTANAL FEMA 2540D | 15 | 330 | | | 330 |
| HEPTANAL DIMETHYL ACETAL FEMA 2541D | * | 6 | | | 6 |
| HEPTANAL GLYCERYL ACETAL FEMA 2542D | * | 6 | | | 6 |
| 2,3-HEPTANEDIONE FEMA 2543D | 14 | 329 | | | 329 |
| 2-HEPTANONE FEMA 2544D | 20 | 366 | | | 366 |
| 3-HEPTANONE FEMA 2545D | 5 | 15 | | | 15 |
| 4-HEPTANONE FEMA 2546D | 7 | 94 | | | 94 |
| HEPTYL ACETATE FEMA 2547D | 14 | 379 | | | 379 |

TABLE 11. PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| HEPTYL ALCOHOL FEMA 2548D | 8 | 108 | | | 108 |
| HEPTYL BUTYRATE FEMA 2549D | 8 | 56 | | | 56 |
| HEPTYL ISOBUTYRATE FEMA 2550D | 7 | 37 | | | 37 |
| HEPTYL CINNAMATE FEMA 2551D | 4 | 532 | | | 532 |
| HEPTYL FORMATE FEMA 2552D | * | 6 | | | 6 |
| HEPTYL OCTANOATE FEMA 2553D | * | 9 | | | 9 |
| W&-6-HEXADECENLACTONE FEMA 2555D | 9 | 55 | | | 55 |
| G&-HEXALACTONE FEMA 2554D | 10 | 74 | | | 74 |
| HEXANAL FEMA 2557D | 20 | 466 | | | 466 |
| 2,3-HEXANEDIONE FEMA 2558D | 12 | 366 | | | 366 |
| HEXANOIC ACID FEMA 2559D | 34 | 6,640 | | | 6,640 |
| 2-HEXENAL FEMA 2560D | 20 | 898 | | | 898 |
| 2-HEXENOL-1 FEMA 2562D | 13 | 172 | | | 172 |
| 3-HEXENOL-1 FEMA 2563D | 27 | 3,516 | | | 3,516 |
| 2-HEXENYL ACETATE FEMA 2564D | 13 | 149 | | | 149 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| HEXYL ACETATE FEMA 2565D | 28 | 1,429 | | | 1,429 |
| HEXYL ALCOHOL FEMA 2567D | 27 | 3,033 | | | 3,033 |
| HEXYL BUTYRATE FEMA 2568D | 12 | 122 | | | 122 |
| A6-HEXYLCINNAMALDEHYDE FEMA 2569D | 7 | 75 | | | 75 |
| HEXYL FORMATE FEMA 2570D | 6 | 110 | | | 110 |
| HEXYL HEXANOATE FEMA 2572D | 10 | 65 | | | 65 |
| 2-HEXYLIDENECYCLOPENTANON FEMA 2573D | * | 255 | | | 255 |
| HEXYL OCTANOATE FEMA 2575D | * | 25 | | | 25 |
| HEXYL PROPIONATE FEMA 2576D | 6 | 282 | | | 282 |
| HYDROXYCITRONELLAL FEMA 2583D | 23 | 5,235 | | | 5,235 |
| HYDROXYCITRONELLAL DIETHY FEMA 2584D | * | 25 | | | 25 |
| HYDROXYCITRONELLAL DIMETH FEMA 2585D | 5 | 81 | | | 81 |
| HYDROXYCITRONELLOL FEMA 2586D | 6 | 35 | | | 35 |
| 5-HYDROXY-4-OCTANONE FEMA 2587D | * | 38 | | | 38 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| 4-P-HYDROXYPHEN-BUTANONE FEMA 25880 | 28 | 8,890 | | | 8,890 |
| INDOLE FEMA 25930 | 20 | 425 | | | 425 |
| AG-IONONE FEMA 25940 | 53 | 12,110 | | | 12,110 |
| BG-IONONE FEMA 25950 | 38 | 3,816 | | | 3,816 |
| AG-IRONE FEMA 25970 | 18 | 125 | | | 125 |
| LAURIC ALDEHYDE FEMA 26150 | 21 | 690 | | | 690 |
| LAURYL ACETATE FEMA 26160 | 6 | 135 | | | 135 |
| LAURYL ALCOHOL FEMA 26170 | 13 | 290 | | | 290 |
| LEVULINIC ACID FEMA 26270 | 12 | 3,176 | | | 3,176 |
| LINALYL ANTHRANILATE FEMA 26370 | 7 | 55 | | | 55 |
| LINALYL BENZOATE FEMA 26380 | 5 | 12 | | | 12 |
| LINALYL BUTYRATE FEMA 26390 | 10 | 109 | | | 109 |
| LINALYL ISOBUTYRATE FEMA 26400 | 10 | 314 | | | 314 |
| LINALYL CINNAMATE FEMA 26410 | 4 | 30 | | | 30 |
| LINALYL FORMATE FEMA 26420 | 12 | 125 | | | 125 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| LINALYL HEXANOATE FEMA 2643D | 4 | 30 | | | 30 |
| LINALYL OCTANOATE FEMA 2644D | 4 | 93 | | | 93 |
| LINALYL PROPIONATE FEMA 2645D | 8 | 80 | | | 80 |
| LINALYL ISOVALERATE FEMA 2646D | 11 | 177 | | | 177 |
| MALTOL FEMA 2656D | 57 | 38,203 | | | 38,203 |
| PA-MENTHA-1,8-DIENOL-7 FEMA 2664D | * | 9 | | | 9 |
| /&/-NEOMENTHOL FEMA 2666D | 4 | 2,372 | | | 2,372 |
| MENTHONE FEMA 2667D | 13 | 5,337 | | | 5,337 |
| MENTHYL ISOVALERATE FEMA 2669D | 7 | 365 | | | 365 |
| PA-METHOXYBENZALDEHYDE FEMA 2670D | 38 | 17,246 | | | 17,246 |
| 2-METHOXY-4-METHYLPHENOL FEMA 2671D | 9 | 50 | | | 50 |
| 4-P-METHOXYPHENY-BUTANONE FEMA 2672D | 13 | 1,056 | | | 1,056 |
| 1-P-METHOXYPHEN-1-PENTENO FEMA 2673D | 5 | 481 | | | 481 |
| 1-P-METHOXYPHEN-PROPANONE FEMA 2674D | * | 20 | | | 20 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| 2-METHOXY-4-VINYLPHENOL FEMA 26750 | 4 | 12 | | | 12 |
| METHYL ACETATE FEMA 26760 | 8 | 177 | | | 177 |
| PB-METHYL ACETOPHENONE FEMA 26770 | 22 | 7,160 | | | 7,160 |
| 2-METHYLALLYL BUTYRATE FEMA 26780 | * | 3 | | | 3 |
| METHYL ANISATE FEMA 26790 | 8 | 104 | | | 104 |
| OB-METHYLANISOLE FEMA 26800 | 4 | 60 | | | 60 |
| PB-METHYLANISOLE FEMA 26810 | 10 | 88 | | | 88 |
| METHYL BENZOATE FEMA 26830 | 24 | 1,177 | | | 1,177 |
| AG-METHYLBENZYL ACETATE FEMA 26840 | 18 | 387 | | | 387 |
| AG-METHYLBENZYL ALCOHOL FEMA 26850 | 7 | 78 | | | 78 |
| AG-METHYLBENZYL BUTYRATE FEMA 26860 | * | 43 | | | 43 |
| AG-METHYLBENZYL ISOBUTYRA FEMA 26870 | 4 | 76 | | | 76 |
| AG-METHYLBENZYL FORMATE FEMA 26880 | * | 6 | | | 6 |
| AG-METHYLBENZYL PROPIONAT FEMA 26890 | * | 50 | | | 50 |
| METHYL PG-TERT-BUTYLPHENY FEMA 26900 | 4 | 30 | | | 30 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| 2-METHYLBUTYRALDEHYDE FEMA 2691D | 6 | 91 | | | 91 |
| 3-METHYLBUTYRALDEHYDE FEMA 2692D | 11 | 346 | | | 346 |
| METHYL BUTYRATE FEMA 2693D | 11 | 597 | | | 597 |
| METHYL ISOBUTYRATE FEMA 2694D | 12 | 409 | | | 409 |
| 2-METHYLBUTYRIC ACID FEMA 2695D | 8 | 382 | | | 382 |
| AL-METHYLCINNAMALDEHYDE FEMA 2697D | 10 | 2,108 | | | 2,108 |
| METHYL CINNAMATE FEMA 2698D | 19 | 1,329 | | | 1,329 |
| METHYLCYCLOPENTENOLONE FEMA 2700D | 44 | 3,745 | | | 3,745 |
| METHYL HEPTANOATE FEMA 2705D | 5 | 45 | | | 45 |
| 2-METHYLHEPTANOIC ACID FEMA 2706D | 5 | 81 | | | 81 |
| 6-METHYL-5-HEPTENONE-2 FEMA 2707D | 15 | 447 | | | 447 |
| METHYL HEXANOATE FEMA 2708D | 10 | 142 | | | 142 |
| METHYL 2-HEXENOATE FEMA 2709D | * | 9 | | | 9 |
| METHYL-AL-IONONE FEMA 2711D | 23 | 910 | | | 910 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| METHYL-86-IONONE FEMA 2712D | 14 | 792 | | | 792 |
| METHYL-06-IONONE FEMA 2713D | 13 | 134 | | | 134 |
| ISOMETHYLIONONE, A6- FEMA 2714D | 9 | 70 | | | 70 |
| METHYL LAURATE FEMA 2715D | * | 71 | | | 71 |
| METHYL MERCAPTAN FEMA 2716D | 10 | 90 | | | 90 |
| METHYL O8-METHOXYBENZOATE FEMA 2717D | 6 | 18 | | | 18 |
| METHYL N-METHYLANTHRANILA FEMA 2718D | 28 | 2,036 | | | 2,036 |
| METHYL 2-METHYLBUTYRATE FEMA 2719D | 7 | 801 | | | 801 |
| METHYL 3-METHYLTHIOPROPIO FEMA 2720D | 18 | 186 | | | 186 |
| METHYL 4-METHYLVALERATE FEMA 2721D | * | 6 | | | 6 |
| METHYL MYRISTATE FEMA 2722D | 4 | 262 | | | 262 |
| METHYL 86-NAPHTHYL KETONE FEMA 2723D | 18 | 1,157 | | | 1,157 |
| METHYL NONANOATE FEMA 2724D | * | 25 | | | 25 |
| METHYL 2-NONENOATE FEMA 2725D | 7 | 22 | | | 22 |
| METHYL 2-NONYNOATE FEMA 2726D | 15 | 138 | | | 138 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| 2-METHYLOCTANAL FEMA 27270 | * | 6 | | | 6 |
| METHYL OCTANOATE FEMA 27280 | 7 | 140 | | | 140 |
| METHYL 2-OCTYNOATE FEMA 27290 | 34 | 266 | | | 266 |
| 4-METHYL-2,3-PENTANEDIONE FEMA 27300 | 6 | 70 | | | 70 |
| 4-METHYL-2-PENTANONE FEMA 27310 | 4 | 40 | | | 40 |
| α-METHYLPHENETHYL ALCOHO FEMA 27320 | * | 38 | | | 38 |
| METHYL PHENYLACETATE FEMA 27330 | 17 | 4,331 | | | 4,331 |
| 3-METHYL-4-PHENYL-3-BUTEN FEMA 27340 | * | 9 | | | 9 |
| 2-METHYL-4-PHENYL-2-BUTYL FEMA 27360 | * | 3 | | | 3 |
| 3-METHYL-2-PHENYLBUTYRALD FEMA 27380 | * | 3 | | | 3 |
| METHYL 4-PHENYLBUTYRATE FEMA 27390 | * | 3 | | | 3 |
| 4-METHYL-1-PHENYLPENTANON FEMA 27400 | * | 6 | | | 6 |
| METHYL 3-PHENYLPROPIONATE FEMA 27410 | * | 55 | | | 55 |
| METHYL PROPIONATE FEMA 27420 | 6 | 114 | | | 114 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| VIOLET ALPINE FEMA 2743D | 13 | 182 | | | 182 |
| 6-METHYLQUINOLINE FEMA 2744D | 9 | 24 | | | 24 |
| DIMETHYL SULFIDE FEMA 2746D | 21 | 332 | | | 332 |
| 2-METHYLTHIOPROPIONALDEHY FEMA 2747D | 14 | 146 | | | 146 |
| 2-METHYL-3-TOLYL PROPIONA FEMA 2748D | 4 | 9 | | | 9 |
| 2-METHYLUNDECANAL FEMA 2749D | 11 | 129 | | | 129 |
| METHYL 9-UNDECENOATE FEMA 2750D | * | 43 | | | 43 |
| METHYL 2-UNDECYNOATE FEMA 2751D | 4 | 12 | | | 12 |
| METHYL VALERATE FEMA 2752D | 5 | 35 | | | 35 |
| METHYL ISOVALERATE FEMA 2753D | 17 | 407 | | | 407 |
| 2-METHYLVALERIC ACID FEMA 2754D | 4 | 81 | | | 81 |
| MYRCENE FEMA 2762D | 14 | 615 | | | 615 |
| MYRISTALDEHYDE FEMA 2763D | * | 3 | | | 3 |
| NEROL FEMA 2770D | 22 | 720 | | | 720 |
| NEROLIDOL FEMA 2772D | 9 | 85 | | | 85 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| NERYL ACETATE FEMA 2773D | 19 | 409 | | | 409 |
| NERYL BUTYRATE FEMA 2774D | 6 | 58 | | | 58 |
| NERYL ISOBUTYRATE FEMA 2775D | 6 | 15 | | | 15 |
| NERYL FORMATE FEMA 2776D | 5 | 15 | | | 15 |
| NERYL PROPIONATE FEMA 2777D | 5 | 35 | | | 35 |
| NERYL ISOVALERATE FEMA 2778D | 5 | 15 | | | 15 |
| 2,6-NONADIENOL-1 FEMA 2780D | 9 | 27 | | | 27 |
| G6-NONALACTONE FEMA 2781D | 40 | 12,007 | | | 12,007 |
| NONANAL FEMA 2782D | 31 | 486 | | | 486 |
| 1,3-NONANEDIOL ACETATE FEMA 2783D | * | 9 | | | 9 |
| NONANOIC ACID FEMA 2784D | 8 | 104 | | | 104 |
| 2-NONANONE FEMA 2785D | 13 | 136 | | | 136 |
| N-/4-HYDROXY-3-METHOXYBEN FEMA 2787D | * | 34 | | | 34 |
| NONYL ACETATE FEMA 2788D | 12 | 138 | | | 138 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| NONYL ALCOHOL FEMA 2789D | 20 | 308 | | | 308 |
| NONYL OCTANOATE FEMA 2790D | * | 9 | | | 9 |
| NONYL ISOVALERATE FEMA 2791D | * | 6 | | | 6 |
| G&-OCTALACTONE FEMA 2796D | 23 | 656 | | | 656 |
| OCTANAL FEMA 2797D | 33 | 487 | | | 487 |
| OCTANAL DIMETHYL ACETAL FEMA 2798D | * | 6 | | | 6 |
| 1-OCTANOL FEMA 2800D | 23 | 526 | | | 526 |
| 2-OCTANOL FEMA 2801D | * | 33 | | | 33 |
| 2-OCTANONE FEMA 2802D | 12 | 472 | | | 472 |
| 3-OCTANONE FEMA 2803D | 11 | 140 | | | 140 |
| 3-OCTANONOL-1 FEMA 2804D | 4 | 10 | | | 10 |
| 1-OCTENOL-3 FEMA 2805D | 14 | 305 | | | 305 |
| OCTYL ACETATE FEMA 2806D | 15 | 151 | | | 151 |
| OCTYL BUTYRATE FEMA 2807D | 6 | 98 | | | 98 |
| OCTYL ISOBUTYRATE FEMA 2808D | 8 | 75 | | | 75 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| OCTYL FORMATE FEMA 28090 | 5 | 53 | | | 53 |
| OCTYL HEPTANOATE FEMA 28100 | * | 3 | | | 3 |
| OCTYL OCTANOATE FEMA 28110 | * | 25 | | | 25 |
| OCTYL PHENYLACETATE FEMA 28120 | 5 | 15 | | | 15 |
| OCTYL PROPIONATE FEMA 28130 | 4 | 30 | | | 30 |
| OCTYL ISOVALERATE FEMA 28140 | * | 6 | | | 6 |
| W&-PENTADECALACTONE FEMA 28400 | 8 | 50 | | | 50 |
| 2,3-PENTANEDIONE FEMA 28410 | 18 | 814 | | | 814 |
| 2-PENTANONE FEMA 28420 | 10 | 130 | | | 130 |
| 4-PENTENOIC ACID FEMA 28430 | 4 | 30 | | | 30 |
| A&-PHELLANDRENE FEMA 28560 | 22 | 2,056 | | | 2,056 |
| PHENETHYL ACETATE FEMA 28570 | 20 | 555 | | | 555 |
| PHENETHYL ALCOHOL FEMA 28580 | 30 | 7,430 | | | 7,430 |
| PHENETHYL ANTHRANILATE FEMA 28590 | 7 | 87 | | | 87 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| PHENETHYL BENZOATE FEMA 2860D | 5 | 45 | | | 45 |
| PHENETHYL BUTYRATE FEMA 2861D | 14 | 129 | | | 129 |
| PHENETHYL ISOBUTYRATE FEMA 2862D | 9 | 65 | | | 65 |
| PHENETHYL CINNAMATE FEMA 2863D | 8 | 68 | | | 68 |
| PHENETHYL FORMATE FEMA 2864D | 8 | 50 | | | 50 |
| PHENETHYL PHENYLACETATE FEMA 2866D | 18 | 220 | | | 220 |
| PHENETHYL PROPIONATE FEMA 2867D | 9 | 125 | | | 125 |
| PHENETHYL SALICYLATE FEMA 2868D | 4 | 25 | | | 25 |
| PHENETHYL SENECIOATE FEMA 2869D | * | 6 | | | 6 |
| PHENETHYL TIGLATE FEMA 2870D | * | 55 | | | 55 |
| PHENETHYL ISOVALERATE FEMA 2871D | 12 | 100 | | | 100 |
| PHENOXYACETIC ACID FEMA 2872D | * | 35 | | | 35 |
| 2-PHENOXYETHYL ISOBUTYRAT FEMA 2873D | 5 | 147 | | | 147 |
| PHENYLACETALDEHYDE FEMA 2874D | 18 | 1,083 | | | 1,083 |
| PHENYLACETALDEHYDE 2,3-BU FEMA 2875D | * | 25 | | | 25 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| PHENYLACETALDEHYDE DIMETH FEMA 2876D | 7 | 708 | | | 708 |
| PH-ACETALD. GLYCERYL ACET FEMA 2877D | 4 | 12 | | | 12 |
| PHENYLACETIC ACID FEMA 2878D | 20 | 1,089 | | | 1,089 |
| 4-PHENYLBUTANOL-2 FEMA 2879D | * | 6 | | | 6 |
| 4-PHENYL-3-BUTENOL-2 FEMA 2880D | * | 38 | | | 38 |
| 4-PHENYL-3-BUTENONE-2 FEMA 2881D | 12 | 216 | | | 216 |
| 4-PHENYLBUTYL-2 ACETATE FEMA 2882D | 4 | 113 | | | 113 |
| 1-PHENYL-3-METHYLPENTANOL FEMA 2883D | 6 | 81 | | | 81 |
| 1-PHENYLPROPANOL-1 FEMA 2884D | * | 781 | | | 781 |
| 3-PHENYLPROPANOL-1 FEMA 2885D | 8 | 120 | | | 120 |
| 2-PHENYLPROPIONALDEHYDE FEMA 2886D | 8 | 145 | | | 145 |
| 3-PHENYLPROPIONALDEHYDE FEMA 2887D | 13 | 364 | | | 364 |
| 2-PHENYLPROPIONALD DIMET FEMA 2888D | 10 | 290 | | | 290 |
| 3-PHENYLPROPIONIC ACID FEMA 2889D | 6 | 40 | | | 40 |

TABLE 11. PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| 3-PHENYLPROPYL ACETATE FEMA 2890D | 15 | 329 | | | 329 |
| 2-PHENYLPROPYL BUTYRATE FEMA 2891D | 5 | 98 | | | 98 |
| 2-PHENYLPROPYL ISOBUTYRAT FEMA 2892D | 5 | 45 | | | 45 |
| 3-PHENYLPROPYL ISOBUTYRAT FEMA 2893D | 5 | 110 | | | 110 |
| 3-PHENYLPROPYL CINNAMATE FEMA 2894D | 4 | 260 | | | 260 |
| 3-PHENYLPROPYL FORMATE FEMA 2895D | * | 25 | | | 25 |
| 3-PHENYLPROPYL HEXANOATE FEMA 2896D | * | 6 | | | 6 |
| 3-PHENYLPROPYL PROPIONATE FEMA 2897D | 4 | 25 | | | 25 |
| 2-/3-PHENYLPROPYL/-TETRAH FEMA 2898D | 5 | 44 | | | 44 |
| 3-PHENYLPROPYL ISOVALERAT FEMA 2899D | * | 6 | | | 6 |
| A&-PINENE FEMA 2902D | 24 | 5,474 | | | 5,474 |
| NOPINENE FEMA 2903D | 16 | 4,153 | | | 4,153 |
| PINE TAR, OIL FEMA 2907D | * | 71 | | | 71 |
| PIPERIDINE FEMA 2908D | 8 | 70 | | | 70 |
| PIPERINE FEMA 2909D | 6 | 40 | | | 40 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| /6/-PIPERITONE FEMA 2910D | 5 | 253 | | | 253 |
| PIPERONYL ACETATE FEMA 2912D | 8 | 67 | | | 67 |
| PIPERONYL ISOBUTYRATE FEMA 2913D | 4 | 30 | | | 30 |
| POLYSORBATE 20 FEMA 2915D | 8 | 1,733 | | | 1,733 |
| POLYSORBATE 60 FEMA 2916D NAS 0393 | 20 | 529,890 | * | 92,270 | 622,160 |
| POLYSORBATE 80 FEMA 2917D NAS 0394 | 39 | 126,572 | * | 43,550 | 170,122 |
| POTASSIUM ACETATE FEMA 2920D | * | 33 | | | 33 |
| PROPENYLGUAETHOL FEMA 2922D | 31 | 1,096 | | | 1,096 |
| PROPIONALDEHYDE FEMA 2923D | 11 | 166 | | | 166 |
| PROPYL ACETATE FEMA 2925D | 16 | 313 | | | 313 |
| ISOPROPYL ACETATE FEMA 2926D | 8 | 50 | | | 50 |
| Pa-ISOPROPYLACETOPHENONE FEMA 2927D | * | 6 | | | 6 |
| PROPYL ALCOHOL FEMA 2928D | 6 | 159 | | | 159 |
| ISOPROPYL ALCOHOL FEMA 2929D | 8 | 23,675 | | | 23,675 |

TABLE 11. PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| PA-PROPYL ANISOLE FEMA 2930D | 16 | 3,183 | | | 3,183 |
| PROPYL BENZOATE FEMA 2931D | * | 3 | | | 3 |
| ISOPROPYL BENZOATE FEMA 2932D | * | 3 | | | 3 |
| PA-ISOPROPYLBENZYL ALCOHO FEMA 2933D | 4 | 93 | | | 93 |
| PROPYL BUTYRATE FEMA 2934D | 6 | 294 | | | 294 |
| ISOPROPYL BUTYRATE FEMA 2935D | 6 | 40 | | | 40 |
| PROPYL ISOBUTYRATE FEMA 2936D | 6 | 40 | | | 40 |
| ISOPROPYL ISOBUTYRATE FEMA 2937D | 4 | 30 | | | 30 |
| PROPYL CINNAMATE FEMA 2938D | 8 | 87 | | | 87 |
| ISOPROPYL CINNAMATE FEMA 2939D | 4 | 30 | | | 30 |
| PROPYL FORMATE FEMA 2943D | 4 | 30 | | | 30 |
| ISOPROPYL FORMATE FEMA 2944D | 4 | 30 | | | 30 |
| PROPYL 2-FURANACRYLATE FEMA 2945D | * | 6 | | | 6 |
| PROPYL HEPTANOATE FEMA 2948D | * | 6 | | | 6 |
| PROPYL HEXANOATE FEMA 2949D | * | 9 | | | 9 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| ISOPROPYL HEXANOATE FEMA 2950D | 4 | 27 | | | 27 |
| 3-PROPYLIDENEPHTHALIDE FEMA 2952D | 7 | 53 | | | 53 |
| AC-PROPYLPHENETHYL ALCOHO FEMA 2953D | * | 9 | | | 9 |
| PA-ISOPROPYLPHENYLACETALD FEMA 2954D | * | 9 | | | 9 |
| PROPYL PHENYLACETATE FEMA 2955D | 5 | 35 | | | 35 |
| ISOPROPYL PHENYLACETATE FEMA 2956D | 4 | 30 | | | 30 |
| 3 P-ISOPROPYL-PHENYLPROPI FEMA 2957D | 5 | 85 | | | 85 |
| PROPYL PROPIONATE FEMA 2958D | 11 | 285 | | | 285 |
| ISOPROPYL PROPIONATE FEMA 2959D | 5 | 15 | | | 15 |
| PROPYL ISOVALERATE FEMA 2960D | 5 | 15 | | | 15 |
| ISOPROPYL ISOVALERATE FEMA 2961D | 5 | 35 | | | 35 |
| ISOPULEGOL FEMA 2962D | 10 | 216 | | | 216 |
| PULEGONE FEMA 2963D | 8 | 109 | | | 109 |
| ISOPULEGONE FEMA 2964D | 6 | 135 | | | 135 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| ISOPULEGYL ACETATE FEMA 29650 | 8 | 117 | | | 117 |
| PYRIDINE FEMA 29660 | 14 | 155 | | | 155 |
| PYROLIGNEOUS ACID, EXT FEMA 29680 | 5 | 8,053 | | | 8,053 |
| PYROVALDEHYDE FEMA 29690 | 5 | 86 | | | 86 |
| PYROVIC ACID FEMA 29700 | 10 | 360 | | | 360 |
| ISOQUINOLINE FEMA 29780 | * | 6 | | | 6 |
| RHODINOL FEMA 29800 | 34 | 477 | | | 477 |
| RHODINYL ACETATE FEMA 29810 | 9 | 101 | | | 101 |
| RHODINYL BUTYRATE FEMA 29820 | 9 | 130 | | | 130 |
| RHODINYL ISOBUTYRATE FEMA 29830 | 7 | 45 | | | 45 |
| RHODINYL FORMATE FEMA 29840 | 10 | 123 | | | 123 |
| RHODINYL PHENYLACETATE FEMA 29850 | 7 | 55 | | | 55 |
| RHODINYL PROPIONATE FEMA 29860 | 8 | 50 | | | 50 |
| RHODINYL ISOVALERATE FEMA 29870 | 7 | 55 | | | 55 |
| RUM, ETHER FEMA 29960 NAS 0379 | 52 | 63,967 | * | 33 | 64,000 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| SALICYLALDEHYDE FEMA 3004D | 20 | 449 | | | 449 |
| SANTALOL FEMA 3006D | 7 | 93 | | | 93 |
| SANTALYL ACETATE FEMA 3007D | 7 | 62 | | | 62 |
| SANTALYL PHENYL-ACE FEMA 3008D | * | 9 | | | 9 |
| SKATOLE FEMA 3019D | 11 | 65 | | | 65 |
| SORBITAN MONOSTEARAT FEMA 3028D NAS 0401 | 7 | 114,454 | * | 4,365 | 118,819 |
| SUCROSE OCTAACETATE FEMA 3038D | 9 | 846 | | | 846 |
| AE-TERPINEOL FEMA 3045D | 48 | 26,230 | | | 26,230 |
| TERPINOLENE FEMA 3046D | 18 | 1,365 | | | 1,365 |
| TERPINYL ACETATE FEMA 3047D | 26 | 16,040 | | | 16,040 |
| TERPINYL ANTHRANILATE FEMA 3048D | * | 25 | | | 25 |
| TERPINYL BUTYRATE FEMA 3049D | * | 9 | | | 9 |
| TERPINYL ISOBUTYRATE FEMA 3050D | * | 9 | | | 9 |
| TERPINYL CINNAMATE FEMA 3051D | * | 9 | | | 9 |

TABLE 11. PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| TERPINYL FORMATE FEMA 3052D | * | 25 | | | 25 |
| TERPINYL PROPIONATE FEMA 3053D | * | 25 | | | 25 |
| TERPINYL ISOVALERATE FEMA 3054D | * | 9 | | | 9 |
| TETRAHYDROFURFURYL ACETAT FEMA 3055D | 4 | 113 | | | 113 |
| TETRAHYDROFURFURYL ALCOHO FEMA 3056D | * | 43 | | | 43 |
| TETRAHYDROFURFURYL BUTYRA FEMA 3057D | * | 20 | | | 20 |
| TETRAHYDROFURFURYL PROPIO FEMA 3058D | 4 | 30 | | | 30 |
| TETRAHYDROPSEUDOIONONE FEMA 3059D | * | 9 | | | 9 |
| TETRAHYDROLINALOOL FEMA 3060D | 5 | 45 | | | 45 |
| TETRAMETHYL-ET-CYCLOHEXEN FEMA 3061D | * | 238 | | | 238 |
| 2-THIENYL MERCAPTAN FEMA 3062D | * | 9 | | | 9 |
| THYMOL FEMA 3066D | 13 | 869 | | | 869 |
| TOLUALD. GLYCERYL ACETAL FEMA 3067D | 4 | 35 | | | 35 |
| TOLUALDEHYDES FEMA 3068D | 44 | 27,235 | | | 27,235 |
| P-TOLYLACETALDEHYDE FEMA 3071D | 8 | 108 | | | 108 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| OØ-TOLYL ACETATE FEMA 3072D | 14 | 480 | | | 480 |
| PØ-TOLYL ACETATE FEMA 3073D | 15 | 1,059 | | | 1,059 |
| 4-PØ-TOLYL BUTANONE-2 FEMA 3074D | * | 6 | | | 6 |
| PØ-TOLYL ISOBUTYRATE FEMA 3075D | * | 9 | | | 9 |
| PØ-TOLYL LAURATE FEMA 3076D | * | 3 | | | 3 |
| PØ-TOLYL PHENYLACETATE FEMA 3077D | 5 | 35 | | | 35 |
| 2-PØ-TOLYL PROPIONALDEHYD FEMA 3078D | * | 20 | | | 20 |
| TRIBUTYL ACETYLCITRATE FEMA 3080D | * | 3 | | | 3 |
| 2-TRIDECENAL FEMA 3082D | * | 6 | | | 6 |
| 2,3-UNDECADIONE FEMA 3090D | * | 3 | | | 3 |
| GØ-UNDECALACTONE FEMA 3091D | 54 | 14,412 | | | 14,412 |
| UNDECANAL FEMA 3092D | 10 | 360 | | | 360 |
| 2-UNDECANONE FEMA 3093D | 12 | 344 | | | 344 |
| 9-UNDECENAL FEMA 3094D | * | 25 | | | 25 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| 10-UNDECENAL FEMA 3095D | 6 | 15 | | | 15 |
| 10-UNDECEN-1-YL ACETATE FEMA 3096D | 4 | 248 | | | 248 |
| UNDECYL ALCOHOL FEMA 3097D | 5 | 45 | | | 45 |
| VALERALDEHYDE FEMA 3098D | 17 | 242 | | | 242 |
| VALERIC ACID FEMA 3101D | 17 | 576 | | | 576 |
| ISOVALERIC ACID FEMA 3102D | 24 | 675 | | | 675 |
| VANILLIN ACETATE FEMA 3108D | 4 | 2,643 | | | 2,643 |
| VERATRALDEHYDE FEMA 3109D | 19 | 608 | | | 608 |
| ZINGERONE FEMA 3124D | 11 | 1,082 | | | 1,082 |
| H6-6-IPROPENL-4,4A-ME2-NA FEMA 3166D | 16 | 899 | | | 899 |
| O2-METHOXYCINNAMALDEHYDE FEMA 3181D | 8 | 379 | | | 379 |
| PROPYL DISULFIDE FEMA 3228D | 8 | 362 | | | 362 |
| STYRENE FEMA 3233D | 8 | 58 | | | 58 |
| ISO-AMYL ACETOACETATE FEMA 3252D | 4 | 30 | | | 30 |
| ISO-AMYL ISO-BUTYRATE FEMA 3253D | 7 | 714 | | | 714 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| ANISYL PHENYLACETATE FEMA 3259D | * | 43 | | | 43 |
| BEECHWOOD CREOSOTE FEMA 3259D | 5 | 118 | | | 118 |
| THIOPHENOL FEMA 3260D | 8 | 108 | | | 108 |
| BENZYL DISULFIDE FEMA 3261D | * | 20 | | | 20 |
| CADINENE FEMA 3263D | 4 | 882 | | | 882 |
| CARYOPHYLL ALC ACETATE FEMA 3266D | 4 | 693 | | | 693 |
| BE-CARYOPHYLLENE ALCOHOL FEMA 3267D | * | 758 | | | 758 |
| CARYOPHYLLENE ALCOHOL FEMA 3268D | 5 | 730 | | | 730 |
| B-CARYOPHYLL ALC AC FEMA 3269D | * | 676 | | | 676 |
| CEDARWOOD OILS, ALC/TERP FEMA 3270D | 6 | 135 | | | 135 |
| CEDRYL ACETATE FEMA 3271D | 4 | 60 | | | 60 |
| 1,4-CINEOLE FEMA 3275D | 8 | 1,011 | | | 1,011 |
| CINNAMYL BENZOATE FEMA 3276D | 4 | 113 | | | 113 |
| CITRAL PROP GLY ACETAL FEMA 3277D | 5 | 682 | | | 682 |

TABLE 11. PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| 3-DECEN-2-ONE FEMA 32690 | * | 25 | | | 25 |
| 2,5-DIETHYLTETRAHYDROFURAN FEMA 32900 | * | 9 | | | 9 |
| ETHYL CROTONATE FEMA 32950 | 6 | 91 | | | 91 |
| ETGLY BRASSYLATE,EST FEMA 32960 | * | 76 | | | 76 |
| 2-ETHYL FURAN FEMA 32970 | * | 6 | | | 6 |
| ETHYL MALTOL FEMA 32980 | 34 | 26,786 | | | 26,786 |
| ETHYL OCTADECANOATE FEMA 32990 | * | 15 | | | 15 |
| ETHYL UNDECANOATE FEMA 33000 | * | 20 | | | 20 |
| ISO-EUGENYL BENZYLETHER FEMA 33010 | * | 43 | | | 43 |
| 1-FURYL-2-PROPANONE FEMA 33030 | * | 3 | | | 3 |
| GUAIACYL ACETATE FEMA 33110 | * | 88 | | | 88 |
| GUAIENE FEMA 33120 | * | 55 | | | 55 |
| GUAIOL ACETATE FEMA 33130 | * | 55 | | | 55 |
| HEPTANAL-1,2-GLYACETAL FEMA 33140 | * | 6 | | | 6 |
| 3-HEPTANOL FEMA 33150 | 4 | 30 | | | 30 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| 3-HEXENL-2-MEBUTYRATE FEMA 3316D | 6 | 15 | | | 15 |
| 3-HEXYNEL ISO-VALERATE FEMA 3317D | 5 | 12 | | | 12 |
| HEXYL, ISO-VALERATE FEMA 3318D | 6 | 35 | | | 35 |
| HEXYL-2-METHYLBUTYRATE FEMA 3319D | 8 | 50 | | | 50 |
| ISO-JASMONE FEMA 3325D | 4 | 81 | | | 81 |
| LINALOOL OXIDE FEMA 3328D | 6 | 50 | | | 50 |
| P-MENTH-8-EN-2-ONE FEMA 3337D | 4 | 48 | | | 48 |
| PERILLALDEHYDE FEMA 3340D | 4 | 9 | | | 9 |
| ALPHA-TERPINENE FEMA 3341D | 4 | 12 | | | 12 |
| GAMMA-TERPINENE FEMA 3342D | 8 | 547 | | | 547 |
| P-MENTH-3-ENE-1-OL FEMA 3343D | * | 3 | | | 3 |
| METHOXYBENZALDEHYDE FEMA 3345D | 4 | 48 | | | 48 |
| METHOXYSTY ISOPROP KET FEMA 3346D | * | 3 | | | 3 |
| 2-MEBUTYL ISOVALERATE FEMA 3347D | * | 76 | | | 76 |

TABLE 11. PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| P-METHYLCINNAMALDEHYDE FEMA 3348D | * | 108 | | | 108 |
| METHYL DISULFIDE FEMA 3350D | 9 | 97 | | | 97 |
| METHYL DIHYDROABIETATE FEMA 3351D | * | 2,707 | | | 2,707 |
| 4-ME-5-PRO-2-CYCHEXENONE FEMA 3354D | * | 43 | | | 43 |
| OCIMENE FEMA 3359D | 4 | 48 | | | 48 |
| 3-OCTANOL FEMA 3360D | 5 | 49 | | | 49 |
| 1-OCTEN-3-YL ACETATE FEMA 3362D | 4 | 48 | | | 48 |
| 3-OCTYL ACETATE FEMA 3363D | 5 | 81 | | | 81 |
| 1-PENTEN-3-OL FEMA 3369D | * | 25 | | | 25 |
| PERILLYL ACETATE FEMA 3370D | * | 25 | | | 25 |
| PHENYLALANINE FEMA 3371D | 5 | 81 | | | 81 |
| POLYLIMONENE FEMA 3375D | 5 | 7,184 | | | 7,184 |
| PROPYL THIOL FEMA 3380D | 5 | 45 | | | 45 |
| SORBITAN MONOSTEARAT FEMA 3392D | * | 66 | | | 66 |
| B-TERPINEOL FEMA 3399D | 5 | 709 | | | 709 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| 2-P-CARVOMENTHENOL FEMA 34230 | * | 9 | | | 9 |
| ALLYL 2-FUROATE FEMA 2030E | 4 | 30 | | | 30 |
| ALLYL HEPTANOATE FEMA 2031E | 23 | 952 | | | 952 |
| AMYL 2-FUROATE FEMA 2072E | * | 6 | | | 6 |
| 2-AMYL-5/6-KETO-1,4-DIOX FEMA 2076E | * | 3 | | | 3 |
| ANNATTO, EXTRACT FEMA 2103E | 11 | 3,689 | | | 3,689 |
| ANNATTO, SEED FEMA 2104E | 4 | 9,971 | | | 9,971 |
| APRICOT KERNEL, OIL FEMA 2105E | * | 270 | | | 270 |
| BIRCH, SWEET, OIL FEMA 2154E | 32 | 116,513 | | | 116,513 |
| BORNYL VALERATE FEMA 2164E | * | 66 | | | 66 |
| BROMINATED VEG OILS FEMA 2168E | 27 | 207,130 | | | 207,130 |
| 2-BUTYL-5/6-KETODIOXANE FEMA 2204E | * | 6 | | | 6 |
| CARMINE FEMA 2242E | * | 233 | | | 233 |
| CASSIA BUDS FEMA 2259E | * | 3 | | | 3 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| CITRUS PEELS, EXTRACT FEMA 2318E | 5 | 5,508 | | | 5,508 |
| COCHINEAL FEMA 2330E | * | 6 | | | 6 |
| DECANOIC ACID FEMA 2364E | 20 | 2,870 | | | 2,870 |
| DIHYDROCOUMARIN FEMA 2381E | 45 | 26,531 | | | 26,531 |
| ETHYL ALCOHOL FEMA 2419E NAS 0377 | 67 | 8,764,776 | * | 233,333 | 8,998,109 |
| ETHYLENE OXIDE FEMA 2433E | * | 2,333 | | | 2,333 |
| ETHYL PALMITATE FEMA 2451E | * | 3 | | | 3 |
| FUMARIC ACID FEMA 2488E NAS 0382 | 9 | 7,259,850 | 4 | 315,083 | 7,574,933 |
| FURFURAL FEMA 2489E | 29 | 4,470 | | | 4,470 |
| FURFURYL ACETATE FEMA 2490E | 7 | 60 | | | 60 |
| FURFURYL ALCOHOL FEMA 2491E | 10 | 177 | | | 177 |
| 2-FURFURYLIDENEBUTYRALDEH FEMA 2492E | * | 6 | | | 6 |
| FURFURYL MERCAPTAN FEMA 2493E | 18 | 417 | | | 417 |
| FURYL ACROLEIN FEMA 2494E | 7 | 82 | | | 82 |
| 4-/2-FURYL/-3-BUTENONE-2 FEMA 2495E | 6 | 50 | | | 50 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| CIS-3-HEXENAL FEMA 2561E | 6 | 115 | | | 115 |
| HEXYL 2-FUROATE FEMA 2571E | * | 6 | | | 6 |
| 2-HEXYL-5-KETO-1,4-DIOXAN FEMA 2574E | * | 9 | | | 9 |
| LAURIC ACID FEMA 2614E | 8 | 2,506 | | | 2,506 |
| 6-METHYLCOUMARIN FEMA 2699E | 22 | 1,098 | | | 1,098 |
| PIPERONYL-ACETONE FEMA 2701E | 4 | 362 | | | 362 |
| 5-METHYLFURFURAL FEMA 2702E | 6 | 40 | | | 40 |
| METHYL 2-FUROATE FEMA 2703E | 6 | 110 | | | 110 |
| 2-METHYL-3-FURYLACROLEIN FEMA 2704E | 6 | 18 | | | 18 |
| 2-METHYL-4-PHENYLBUTYRALD FEMA 2737E | * | 3 | | | 3 |
| METHYL SALICYLATE FEMA 2745E | 77 | 660,251 | | | 660,251 |
| MUSK AMBRETTE FEMA 2758E | 14 | 734 | | | 734 |
| MYRISTIC ACID FEMA 2764E | 6 | 50 | | | 50 |
| BE-NAPHTHYL ANTHRANILATE FEMA 2767E | 10 | 95 | | | 95 |

TABLE 11. PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| B6-NAPHTHYL ETHYL ETHER FEMA 2768E | 16 | 359 | | | 359 |
| NARINGEN, EXTRACT FEMA 2769E NAS 0485 | 13 | 3,527 | | | 3,527 |
| 3-NONANONOL-1 FEMA 2786E | * | 3 | | | 3 |
| OLEIC ACID FEMA 2815E | 6 | 2,370 | | | 2,370 |
| PALMITIC ACID FEMA 2832E | * | 71 | | | 71 |
| PHENETHYL 2-FUROATE FEMA 2865E | * | 3 | | | 3 |
| PINE NEEDLE, OIL FEMA 2905E | 11 | 292 | | | 292 |
| PROPYLENE GLYCOL ALGINATE FEMA 2941E NAS 0397 | 16 | 54,541 | 6 | 52,961 | 107,502 |
| PROPYL FUROATE-2 FEMA 2946E | * | 6 | | | 6 |
| PYROLIGNEOUS ACID FEMA 2967E | 23 | 16,395 | | | 16,395 |
| QUININE BISULFATE FEMA 2975E | * | 313 | | | 313 |
| QUININE HYDROCHLORIDE FEMA 2976E | 24 | 21,578 | | | 21,578 |
| QUININE SULFATE FEMA 2977E | 6 | 1,126 | | | 1,126 |
| SASSAFRAS BARK, EXTR FEMA 3010E | * | 3 | | | 3 |
| STEARIC ACID FEMA 3035E NAS 0479 | 5 | 4,082 | * | 30,500 | 34,582 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| C6-VALEROLACTONE FEMA 3103E | 10 | 2,402 | | | 2,402 |
| VANILLIN FEMA 3107E NAS 0336 | 121 | 1,061,845 | * | 48,500 | 1,110,345 |
| WINTERGREEN, EXTRACT FEMA 3112E | * | 33 | | | 33 |
| WINTERGREEN, OIL FEMA 3113E | 17 | 13,020 | | | 13,020 |
| 1-BUTOXY-1-PHENOXYETHANE FEMA 3125E | * | 9 | | | 9 |
| ACETYLPYRAZINE FEMA 3126E | 5 | 15 | | | 15 |
| ALLYL METHYL DISULFIDE FEMA 3127E | 4 | 12 | | | 12 |
| 2-BENZOFURANCARBOXALDEHYD FEMA 3128E | * | 6 | | | 6 |
| BIPHENYL FEMA 3129E | * | 9 | | | 9 |
| BUTYLAMINE FEMA 3130E | 6 | 40 | | | 40 |
| SEC-BUTYL ETHYL ETHER FEMA 3131E | * | 9 | | | 9 |
| 2-ISOBUTYL-3-METHOXYPYRAZ FEMA 3132E | 10 | 30 | | | 30 |
| 2-ISOBUTYL-3-METHYLPYRAZI FEMA 3133E | 4 | 12 | | | 12 |
| 2-ISOBUTYLTHIAZOLE FEMA 3134E | 6 | 50 | | | 50 |

TABLE 11. PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| 2T,4T-DECADIENAL FEMA 3135E | 11 | 85 | | | 85 |
| 2,3-DIETHYLPYRAZINE FEMA 3136E | 5 | 15 | | | 15 |
| 2,6-DIMETHOXYPHENOL FEMA 3137E | 4 | 48 | | | 48 |
| 3,4-DIMETHOXY-1-VINYLBENZ FEMA 3138E | * | 3 | | | 3 |
| PΔ,AΔ-DIMETHYLBENZYL ALCO FEMA 3139E | * | 9 | | | 9 |
| 2,6-DIMETHYL-4-HEPTANOL FEMA 3140E | * | 25 | | | 25 |
| AΔ-SINENSAL FEMA 3141E | 5 | 253 | | | 253 |
| CITRONELLIC ACID FEMA 3142E | * | 9 | | | 9 |
| 2,4-DIMETHYL-2-PENTENOIC FEMA 3143E | * | 6 | | | 6 |
| PΔ,AΔ-DIMETHYLSTYRENE FEMA 3144E | 6 | 50 | | | 50 |
| 2,4-DIMETHYL-5-VINYLTHIAZ FEMA 3145E | 4 | 12 | | | 12 |
| 2-FURFURYL DISULFIDE FEMA 3146E | 4 | 12 | | | 12 |
| 1-ETHYL-2-ACETYLPYRROLE FEMA 3147E | * | 9 | | | 9 |
| ETHYL T2-C4-DECADIENOATE FEMA 3148E | 5 | 253 | | | 253 |
| 2-ETHYL-3,5-DIMETHYLPYRAZ FEMA 3149E | 9 | 27 | | | 27 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| 3-ETHYL-2,6-DIMETHYLPYRAZ FEMA 3150E | 9 | 27 | | | 27 |
| 2-ETHYL-1-HEXANOL FEMA 3151E | * | 25 | | | 25 |
| 3-ET-2-HO-2-CYC-PENTENONE FEMA 3152E | 4 | 48 | | | 48 |
| 5-ET-3-HO-4-ME-2/5H/-FURA FEMA 3153E | 6 | 70 | | | 70 |
| 2-ETHYL-5-METHYLPYRAZINE FEMA 3154E | 5 | 15 | | | 15 |
| 3-ETHYL-2-METHYLPYRAZINE FEMA 3155E | 8 | 24 | | | 24 |
| PA-ETHYLPHENOL FEMA 3156E | 6 | 70 | | | 70 |
| ETHYL PA-TOLYLOXYACETATE FEMA 3157E | * | 38 | | | 38 |
| 2-FURANMETHANETHIOL FORMA FEMA 3158E | * | 9 | | | 9 |
| FURFURYL METHYL ETHER FEMA 3159E | 4 | 30 | | | 30 |
| FURFURYL METHYL SULFIDE FEMA 3160E | 5 | 15 | | | 15 |
| FURFURYL ISOPROPYL SULFID FEMA 3161E | 4 | 12 | | | 12 |
| FURFURYL THIOACETATE FEMA 3162E | 6 | 15 | | | 15 |
| 2-FURYL METHYL KETONE FEMA 3163E | 4 | 40 | | | 40 |

TABLE 11. PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| 2,4-HEPTADIENAL -TR,TR FEMA 3164E | 6 | 58 | | | 58 |
| 2-HEPTENAL FEMA 3165E | 9 | 113 | | | 113 |
| D6-HEXALACTONE FEMA 3167E | 7 | 523 | | | 523 |
| 3,4-HEXANEDIONE FEMA 3168E | * | 20 | | | 20 |
| T2-HEXENOIC ACID FEMA 3169E | 9 | 101 | | | 101 |
| T3-HEXENOIC ACID FEMA 3170E | 5 | 118 | | | 118 |
| C3-HEXEN-1-YL ACETATE FEMA 3171E | 14 | 368 | | | 368 |
| HEXYL ISOBUTYRATE FEMA 3172E | 7 | 319 | | | 319 |
| 1-HYDROXY-2-BUTANONE FEMA 3173E | * | 9 | | | 9 |
| 4-HO-2,5-ME2-3/2H/-FURANO FEMA 3174E | 6 | 50 | | | 50 |
| IONONE -G6 FEMA 3175E | 4 | 248 | | | 248 |
| P8-MENTHAN-2-ONE FEMA 3176E | 6 | 86 | | | 86 |
| P8-MENTHA-8-THIOL-3-ONE FEMA 3177E | 4 | 30 | | | 30 |
| P8-MENTH-1-ENE-9-AL FEMA 3178E | * | 6 | | | 6 |
| P8-MENTH-1-EN-3-OL FEMA 3179E | * | 9 | | | 9 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| 2-MERCAPTOPROPIONIC ACID FEMA 3180E | 7 | 140 | | | 140 |
| P@-METHOXY-A&-METHYLCINNA FEMA 3182E | * | 20 | | | 20 |
| 2-METHOXY-X-METHYLPYRAZIN FEMA 3183E | 11 | 350 | | | 350 |
| 1-METHYL-2-ACETYLPYRROLE FEMA 3184E | * | 25 | | | 25 |
| 4-METHYLBIPHENYL FEMA 3186E | * | 6 | | | 6 |
| 3-METHYLCROTONIC ACID FEMA 3187E | * | 43 | | | 43 |
| 2-METHYL-3-FURANTHIOL FEMA 3188E | * | 3 | | | 3 |
| ME-X-FURFURYL-THIOPYRAZIN FEMA 3189E | * | 9 | | | 9 |
| 5-METHYL-2,3-HEXANEDIONE FEMA 3190E | * | 6 | | | 6 |
| 2-METHYLHEXANOIC ACID FEMA 3191E | * | 9 | | | 9 |
| 2-METHYL-5-METHOXYTHIAZOL FEMA 3192E | 5 | 15 | | | 15 |
| 1-METHYLNAPHTHALENE FEMA 3193E | * | 6 | | | 6 |
| 2T-METHYL-2-PENTENAL FEMA 3194E | 4 | 50 | | | 50 |
| 2T-METHYL-2-PENTENOIC ACI FEMA 3195E | 4 | 12 | | | 12 |

TABLE 11. PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| JASMONE FEMA 3196E | 7 | 45 | | | 45 |
| A-METHYLPHENETHYLBUTYRATE FEMA 3197E | 4 | 12 | | | 12 |
| METHYL PHENETHYL ETHER FEMA 3198E | 4 | 30 | | | 30 |
| 5-METHYL-2-PHEN-2-HEXENAL FEMA 3199E | * | 25 | | | 25 |
| 4-METHYL-2-PHEN-2-PENTENA FEMA 3200E | * | 20 | | | 20 |
| METHYL PROPYL DISULFIDE FEMA 3201E | * | 55 | | | 55 |
| METHYL 2-PYRROLYL KETONE FEMA 3202E | 4 | 12 | | | 12 |
| 5-METHYLQUINOXALINE FEMA 3203E | * | 3 | | | 3 |
| 4-METHYL-5-THIAZOLEETHANO FEMA 3204E | 5 | 364 | | | 364 |
| 4-ME-5-THIAZOLE-ET*OL- AC FEMA 3205E | 4 | 385 | | | 385 |
| 2-METHYLTHIOACETALDEHYDE FEMA 3206E | * | 6 | | | 6 |
| 1-/METHYLTHIO/-2-BUTANONE FEMA 3207E | * | 6 | | | 6 |
| /METHYLTHIO/METHYLPYRAZIN FEMA 3208E | 6 | 18 | | | 18 |
| OA-/METHYLTHIO/-PHENOL FEMA 3210E | * | 9 | | | 9 |
| 2-METHYL-5-VINYLPYRAZINE FEMA 3211E | * | 6 | | | 6 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| 2,4-NONADIENAL FEMA 3212E | 12 | 92 | | | 92 |
| 2-NONENAL FEMA 3213E | 7 | 75 | | | 75 |
| D6-OCTALACTONE FEMA 3214E | 7 | 287 | | | 287 |
| 2-OCTENAL FEMA 3215E | 9 | 170 | | | 170 |
| PARAFFIN WAX FEMA 3216E | * | 15 | | | 15 |
| 2,4-PENTADIENAL FEMA 3217E | * | 20 | | | 20 |
| 2-PENTENAL FEMA 3218E | 5 | 53 | | | 53 |
| ISOPENTYLAMINE FEMA 3219E | 1 | 21 | | | 21 |
| PHENETHYLAMINE FEMA 3220E | 5 | 15 | | | 15 |
| PHENETHYL HEXANOATE FEMA 3221E | 4 | 60 | | | 60 |
| PHENETHYL OCTANOATE FEMA 3222E | 4 | 72 | | | 72 |
| PHENOL FEMA 3223E | 5 | 15 | | | 15 |
| 2-PHENYL-2-BUTENAL FEMA 3224E | * | 50 | | | 50 |
| PHENYL DISULFIDE FEMA 3225E | 6 | 40 | | | 40 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| 1-PHENYL-1,2-PROPANEDIONE FEMA 3226E | * | 9 | | | 9 |
| PROPENYL PROPYL DISULFIDE FEMA 3227E | * | 88 | | | 88 |
| ISOPROPYL TIGLATE FEMA 3229E | 4 | 40 | | | 40 |
| PYRAZINE ETHANETHIOL FEMA 3230E | * | 9 | | | 9 |
| PYRAZINYL METHYL SULFIDE FEMA 3231E | * | 9 | | | 9 |
| 2-PYRACINEMETHANETHIOL FEMA 3232E | * | 6 | | | 6 |
| MENTHOFURAN FEMA 3235E | 7 | 45 | | | 45 |
| ROSE OXIDE FEMA 3236E | 6 | 54 | | | 54 |
| TETRAMETHYLPYRAZINE FEMA 3237E | 6 | 18 | | | 18 |
| 2,2-THIODIMETHYLENE-DIFUR FEMA 3238E | * | 6 | | | 6 |
| 4-THUJANOL FEMA 3239E | * | 38 | | | 38 |
| OΔ-TOLUENETHIOL FEMA 3240E | 4 | 12 | | | 12 |
| TRIMETHYLAMINE FEMA 3241E | 9 | 138 | | | 138 |
| PΔ-CYMENOL-8 FEMA 3242E | * | 9 | | | 9 |
| ME3-CYCLOHEX-1-ENL 0U-2EN FEMA 3243E | * | 6 | | | 6 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| 2,3,5-TRIMETHYLPYRAZINE FEMA 3244E | 5 | 35 | | | 35 |
| UNDECANOIC ACID FEMA 3245E | 4 | 30 | | | 30 |
| 2-UNDECANOL FEMA 3246E | 4 | 12 | | | 12 |
| 10-UNDECENOIC ACID FEMA 3247E | 6 | 40 | | | 40 |
| O-VINYLANISOLE FEMA 3248E | * | 6 | | | 6 |
| 2,6-XYLENOL FEMA 3249E | 4 | 12 | | | 12 |
| TRIPROPIONINE FEMA 3402E | * | 2,341 | | | 2,341 |
| BUTYROLACTONE FEMA 3421E | 5 | 265 | | | 265 |
| 3,4-DIME CYCLOPENT DIONE FEMA 3427E | * | 9 | | | 9 |
| DI-N-PROPYL TRISULFIDE FEMA 3430E | * | 43 | | | 43 |
| ETHYL ABIETATE FEMA 3433E | * | 3 | | | 3 |
| 3-ET-2,5-DIME PYRAZINE FEMA 3434E | 4 | 12 | | | 12 |
| DIETHYL ANTHRANILATE FEMA 3436E | * | 20 | | | 20 |
| ETHYL HEXENOATE FEMA 3437E | 4 | 12 | | | 12 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| ET ME HYDX-DIHYDFURANONE FEMA 3438E | * | 6 | | | 6 |
| ET ME-P-TOLYL GLYCIDATE FEMA 3439E | 7 | 21 | | | 21 |
| FURFURYL BUTYRATE FEMA 3440E | * | 9 | | | 9 |
| FURFURYL PYRROL FEMA 3441E | * | 6 | | | 6 |
| 2, 4-HEXADIENAL FEMA 3443E | * | 43 | | | 43 |
| HEXYL BENZOATE FEMA 3445E | * | 6 | | | 6 |
| HYDROGEN SULPHIDE FEMA 3446E | * | 9 | | | 9 |
| HYDROQUINON ET ETHR FEMA 3447E | * | 6 | | | 6 |
| 3-HYDROXY-PENTANONE-2 FEMA 3448E | * | 3 | | | 3 |
| LINALYL PHENYLACETATE FEMA 3449E | 4 | 48 | | | 48 |
| MALONIC ACID FEMA 3450E | * | 6 | | | 6 |
| ISO-MENTHONE FEMA 3451E | * | 25 | | | 25 |
| 3-MERCAP PROPANOIC ACID FEMA 3452E | * | 6 | | | 6 |
| 2-METHYL PYRAZINE FEMA 3461E | 6 | 18 | | | 18 |
| D-UNDECALACTONE FEMA 3482E | 6 | 91 | | | 91 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| 4-HEPTENAL FEMA 3490E | 4 | 12 | | | 12 |
| 4-AC-6-T-BUT-1,1-DIME IND FEMA 3250F | * | 3 | | | 3 |
| ASPARAG.SEED/ROOT EXT FEMA 3258F | * | 15 | | | 15 |
| DAMAR GUM FEMA 3287F | * | 666 | | | 666 |
| 2,6-DIMETHYL-4-HEPTANONE FEMA 3291F | * | 9 | | | 9 |
| DISODIUM-5'-GUANYLATE FEMA 3292F NAS 0541 | 12 | 5,514 | * | 112 | 5,626 |
| DISODIUM-5'-INOSINATE FEMA 3293F NAS 0540 | 13 | 10,143 | * | 111 | 10,254 |
| GLYEST WOODROS/EST GUM FEMA 3309F | 20 | 223,472 | | | 223,472 |
| GLYCINE FEMA 3310F NAS 0356 | 7 | 150,807 | * | 400 | 151,207 |
| LEEK, OIL FEMA 3326F | * | 20 | | | 20 |
| MASTIC GUM FEMA 3335F | * | 3 | | | 3 |
| METHIONINE FEMA 3344F NAS 0359 | * | 55 | | | 55 |
| METHYL 3-PYRIDYL KETONE FEMA 3355F | 4 | 12 | | | 12 |
| ISO-PROPYL MYRISTATE FEMA 3378F | * | 3 | | | 3 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| SORBITAN MONOOLEATE FEMA 3391F | * | 66 | | | 66 |
| SPIKENARD, EXTRACT FEMA 3393F | * | 238 | | | 238 |
| SUCROSE ACET ISOBUTYRATE FEMA 3394F | * | 6 | | | 6 |
| TEA TREE, OIL FEMA 3398F | 4 | 60 | | | 60 |
| P-TOLYL OCTANOATE FEMA 3401F | * | 15 | | | 15 |
| 2-UNDECEN-1-OL FEMA 3403F | * | 20 | | | 20 |
| YARA YARA FEMA 3409F | 10 | 211 | | | 211 |
| ACTL ME CARBINYL ACET FEMA 3410F | * | 275 | | | 275 |
| ALLYL CROTONATE FEMA 3411F | * | 3 | | | 3 |
| ALLYL HEXANOATE FEMA 3412F | * | 9 | | | 9 |
| AMYL DECANOATE FEMA 3414F | * | 43 | | | 43 |
| AMYL PHENYLACETATE FEMA 3415F | 10 | 219 | | | 219 |
| AMYL SALICYLATE FEMA 3416F | 4 | 6,713 | | | 6,713 |
| AMYL ISO VALERIANATE FEMA 3417F | 6 | 626 | | | 626 |
| ISO-AMYL VALERIANATE FEMA 3418F | 6 | 340 | | | 340 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| BUTYL SALICYLATE FEMA 3419F | * | 6 | | | 6 |
| ISOBUT ME ANTHRANILATE FEMA 3420F | * | 9 | | | 9 |
| CARVOMENTHOL FEMA 3422F | 4 | 81 | | | 81 |
| CHLOROFORM FEMA 3424F | * | 3 | | | 3 |
| M-CRESOL FEMA 3425F | * | 9 | | | 9 |
| O-CRESOL FEMA 3426F | * | 43 | | | 43 |
| 3,5-DIMET TRITHIOLANE FEMA 3428F | * | 6 | | | 6 |
| DIOXY ACETOPHENONE FEMA 3429F | * | 3 | | | 3 |
| FURFURYLIDEN-2-PROPANAL FEMA 3442F | * | 6 | | | 6 |
| METHALLYL CAPROATE FEMA 3453F | * | 3 | | | 3 |
| 3-METHYL-3-BUTENE-2-1 FEMA 3454F | * | 20 | | | 20 |
| METHYL FURFURACRYLAT FEMA 3455F | * | 9 | | | 9 |
| 2-ME-5-ISOPROP PYRAZINE FEMA 3458F | * | 6 | | | 6 |
| 4-ME-4-PENTEN-2-ONE FEMA 3459F | * | 20 | | | 20 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| ME PROPENYL DISULFIDE FEMA 3460F | * | 6 | | | 6 |
| 2-ME TETRAHYDROFURANONE FEMA 3463F | * | 6 | | | 6 |
| B-NAPHTH ISOBUTYL ETHER FEMA 3464F | * | 20 | | | 20 |
| 2,6-NONADIENAL FEMA 3465F | 7 | 65 | | | 65 |
| NONADIENAL DIME ACETAL FEMA 3466F | * | 9 | | | 9 |
| NONANEDIOL-1,4-ACETATE FEMA 3467F | * | 3 | | | 3 |
| 6-NONENAL FEMA 3468F | * | 15 | | | 15 |
| 6-OCTENAL FEMA 3469F | * | 15 | | | 15 |
| 2-PENTEN-1-OL FEMA 3470F | * | 20 | | | 20 |
| 3-PENTEN-2-ONE FEMA 3471F | * | 20 | | | 20 |
| PHENYLETHYL VALERATE FEMA 3472F | * | 33 | | | 33 |
| 5-PHENYL PENTANOL FEMA 3473F | * | 3 | | | 3 |
| 1-PHEN-3/5-PROP PYRAZOL FEMA 3474F | * | 3 | | | 3 |
| ISO-PHORONE FEMA 3475F | * | 50 | | | 50 |
| PROPYL VALERIANATE FEMA 3476F | * | 15 | | | 15 |

TABLE 11, PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| TIGLALDEHYDE FEMA 3478F | * | 6 | | | 6 |
| O-TOLYL ISO-BUTYRATE FEMA 3479F | * | 3 | | | 3 |
| 2,5-UNDECADIENAL FEMA 3481F | * | 6 | | | 6 |
| VALILLYL ALCOHOL FEMA 3483F | * | 20 | | | 20 |
| VANILLYLIDENE ACETON FEMA 3484F | * | 15 | | | 15 |
| VETIVERYL ACETATE FEMA 3485F | * | 38 | | | 38 |
| B-DOURBONENE FEMA 3486F | * | 3 | | | 3 |
| CARVONE OXIDE FEMA 3487F | * | 0 | | | 0 |
| CARYOPHYLLENE OXIDE FEMA 3488F | * | 3 | | | 3 |
| GERANYL ACETONE FEMA 3489F | * | 15 | | | 15 |
| 3-HEXENL PHENYLACETATE FEMA 3491F | * | 25 | | | 25 |
| HEXYL PHENYLACETATE FEMA 3492F | * | 6 | | | 6 |
| ISOAMYL 2-ME BUTYRATE FEMA 3493F | * | 671 | | | 671 |
| JASMONE FEMA 3494F | * | 25 | | | 25 |

TABLE 11. PART C -- ANNUAL POUNDAGE DATA FOR FEMA QUESTIONNAIRE SUBSTANCES NOT LISTED IN NAS APPENDIX A (GROUP III)
- - - 1970 DATA ONLY - - -

| SUBSTANCE NAME (SURVEY NO.) | NO. REPORTS TO FEMA | POUNDAGE REPORTED TO FEMA | NO. REPORTS TO NAS | POUNDAGE REPORTED TO NAS | TOTAL 1970 POUNDAGE FEMA + NAS |
|---|---|---|---|---|---|
| 1-P-MENTHEN-9-YL ACETATE FEMA 3495F | * | 6 | | | 6 |
| PINOCARVEOL FEMA 3496F | * | 3 | | | 3 |
| PIPERITENONE FEMA 3497F | * | 33 | | | 33 |
| PIPERITENONE OXIDE FEMA 3498F | * | 3 | | | 3 |
| VERBENOL FEMA 3499F | * | 3 | | | 3 |

TABLE 12 -- YEAR OF FIRST USE DATA FOR NAS APPENDIX A SUBSTANCES (GROUPS I & II) SUBMITTED BY NAS RESPONDENTS ONLY

******** DISTRIBUTION OF COMPANIES BY YEAR REPORTED *******

| SUBSTANCE NAME (SURVEY NO.) | EARLIEST YEAR REPORTED | BEFORE 1900 | 1900-1909 | 1910-1919 | 1920-1929 | 1930-1939 | 1940-1949 | 1950-1959 | 1960-1971 |
|---|---|---|---|---|---|---|---|---|---|
| ACACIA NAS 0001 FEMA 2001 | 1880 | * | 000 | 000 | 005 | * | 008 | 012 | 016 |
| ACETIC ACID NAS 0002 FEMA 2006 | 1868 | * | 000 | 000 | * | 000 | 000 | 000 | 005 |
| ADIPIC ACID NAS 0003 FEMA 2011 | 1958 | 000 | 000 | 000 | 000 | 000 | 000 | * | 005 |
| AGAR-AGAR NAS 0004 FEMA 2012 | 1950 | 000 | 000 | 000 | 000 | 000 | 000 | * | 004 |
| ALUMINUM AMMON SULFATE NAS 0008 | 1926 | 000 | 000 | 000 | * | 000 | 000 | 000 | * |
| ALUMINUM POT SULFATE NAS 0009 | 1969 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | * |
| ALUMINUM SODIUM SULFATE NAS 0010 | 1927 | 000 | 000 | 000 | * | 000 | 000 | * | 000 |
| ALUMINUM SULFATE NAS 0011 FEMA 3547 | 1923 | 000 | 000 | 000 | * | 000 | 000 | * | * |
| AMMONIUM ALGINATE NAS 0012 | 1940 | 000 | 000 | 000 | 000 | 000 | * | * | 000 |
| AMMONIUM BICARBONATE NAS 0013 | 1902 | 000 | * | 000 | * | * | 000 | * | * |
| AMMONIUM CARBONATE NAS 0014 | 1965 | | | | | | | | * |
| AMMONIUM HYDROXIDE NAS 0015 | 1962 | | | | | | | | * |
| AMMONIUM PHOSPHATE DI NAS 0016 | 1902 | 000 | * | 000 | 000 | 000 | 000 | 000 | * |
| AMMONIUM PHOSPHATE MONO NAS 0017 | 1969 | | | | | | | | * |
| AMMONIUM SULFATE NAS 0019 | 1957 | 000 | 000 | 000 | 000 | 000 | 000 | * | 006 |

TABLE 12 -- YEAR OF FIRST USE DATA FOR NAS APPENDIX A SUBSTANCES (GROUPS I & II) SUBMITTED BY NAS RESPONDENTS ONLY

******** DISTRIBUTION OF COMPANIES BY YEAR REPORTED *******

| SUBSTANCE NAME (SURVEY NO.) | EARLIEST YEAR REPORTED | BEFORE 1900 | 1900-1909 | 1910-1919 | 1920-1929 | 1930-1939 | 1940-1949 | 1950-1959 | 1960-1971 |
|---|---|---|---|---|---|---|---|---|---|
| ASCORBIC ACID NAS 0022 FEMA 2109 | 1910 | 000 | 000 | * | 000 | * | * | 014 | 015 |
| ASCORBYL PALMITATE NAS 0023 | 1948 | 000 | 000 | 000 | 000 | 000 | * | * | 000 |
| BEESWAX NAS 0026 | 1900 | 000 | * | 000 | * | 000 | 000 | * | * |
| BEESWAX, BLEACHED NAS 0027 FEMA 2126 | 1926 | 000 | 000 | 000 | * | 000 | 000 | 000 | * |
| BENZOIC ACID NAS 0029 FEMA 2131 | 1969 | | | | | | | | * |
| BIOTIN NAS 0030 | 1949 | | | | | | * | | |
| BUTANE NAS 0031 | 1967 | | | | | | | | * |
| BUTYLATED HYDROXYANISOLE NAS 0032 FEMA 2183 | 1947 | 000 | 000 | 000 | 000 | 000 | 004 | 007 | 017 |
| BUTYLATED HYDROXYTOLUENE NAS 0033 FEMA 2184 | 1949 | 000 | 000 | 000 | 000 | 000 | * | 007 | 017 |
| CAFFEINE NAS 0034 FEMA 2224 | 1920 | 000 | 000 | 000 | * | 000 | 000 | 000 | * |
| CALCIUM ACETATE NAS 0035 FEMA 2228 | 1947 | | | | | | * | | |
| CALCIUM ALGINATE NAS 0036 | 1940 | 000 | 000 | 000 | 000 | 000 | * | 000 | * |
| CALCIUM ASCORBATE NAS 0037 | 1952 | | | | | | | * | |
| CALCIUM CARBONATE NAS 0038 | 1895 | * | 000 | 000 | * | * | 000 | 005 | 007 |
| CALCIUM CHLORIDE NAS 0039 | 1930 | 000 | 000 | 000 | 000 | * | * | 005 | 016 |

TABLE 12 -- YEAR OF FIRST USE DATA FOR NAS APPENDIX A SUBSTANCES (GROUPS I & II) SUBMITTED BY NAS RESPONDENTS ONLY

******** DISTRIBUTION OF COMPANIES BY YEAR REPORTED *******

| SUBSTANCE NAME (SURVEY NO.) | EARLIEST YEAR REPORTED | BEFORE 1900 | 1900-1909 | 1910-1919 | 1920-1929 | 1930-1939 | 1940-1949 | 1950-1959 | 1960-1971 |
|---|---|---|---|---|---|---|---|---|---|
| CALCIUM CITRATE NAS 0040 | 1938 | 000 | 000 | 000 | 000 | * | 000 | * | * |
| CALCIUM GLUCONATE NAS 0041 | 1925 | 000 | 000 | 000 | * | * | 000 | 000 | 004 |
| CALCIUM HYDROXIDE NAS 0044 | 1908 | 000 | * | 000 | 000 | 000 | * | * | 006 |
| CALCIUM LACTATE NAS 0045 FEMA 3535 | 1950 | 000 | 000 | 000 | 000 | 000 | 000 | * | * |
| CALCIUM OXIDE NAS 0046 | 1956 | 000 | 000 | 000 | 000 | 000 | 000 | * | * |
| CALCIUM PANTOTHENATE NAS 0047 | 1942 | 000 | 000 | 000 | 000 | 000 | * | 000 | 007 |
| CALCIUM PHOSPHATE DI NAS 0048 FEMA 3656 | 1950 | 000 | 000 | 000 | 000 | 000 | 000 | 005 | 005 |
| CALCIUM PHOSPHATE MONO NAS 0049 | 1902 | 000 | * | 000 | * | 000 | * | 005 | 011 |
| CALCIUM PHOSPHATE TRI NAS 0050 FEMA 3081 | 1915 | 000 | 000 | * | * | 000 | * | 005 | 010 |
| CALCIUM PHYTATE NAS 0051 | 1944 | 000 | 000 | 000 | 000 | 000 | * | * | 000 |
| CALCIUM PROPIONATE NAS 0052 | 1928 | 000 | 000 | 000 | * | 000 | 000 | * | 006 |
| CALCIUM SACCHARIN NAS 0054 FEMA 3528 | 1958 | 000 | 000 | 000 | 000 | 000 | 000 | * | 010 |
| CALCIUM SILICATE NAS 0055 | 1950 | 000 | 000 | 000 | 000 | 000 | 000 | * | 005 |
| CALCIUM SORBATE NAS 0056 | 1958 | | | | | | | * | |
| CALCIUM SULFATE NAS 0057 | 1902 | 000 | * | 000 | 000 | * | 000 | * | * |

TABLE 12 -- YEAR OF FIRST USE DATA FOR NAS APPENDIX A SUBSTANCES (GROUPS I & II) SUBMITTED BY NAS RESPONDENTS ONLY

******** DISTRIBUTION OF COMPANIES BY YEAR REPORTED *******

| SUBSTANCE NAME (SURVEY NO.) | EARLIEST YEAR REPORTED | BEFORE 1900 | 1900-1909 | 1910-1919 | 1920-1929 | 1930-1939 | 1940-1949 | 1950-1959 | 1960-1971 |
|---|---|---|---|---|---|---|---|---|---|
| CAPRYLIC ACID NAS 0058 FEMA 2799 | 1970 | | | | | | | | * |
| CARAMEL NAS 0059 FEMA 2235 | 1880 | * | 000 | 000 | 007 | 014 | 004 | 015 | 026 |
| CARBON DIOXIDE NAS 0060 | 1920 | 000 | 000 | 000 | * | * | * | * | 004 |
| CARNAUBA WAX NAS 0061 FEMA 3514 | 1900 | 000 | * | 000 | * | 000 | 000 | 000 | 004 |
| CAROB BEAN GUM NAS 0062 FEMA 2243 | 1925 | 000 | 000 | 000 | * | * | 000 | 000 | 004 |
| CAROTENE NAS 0063 FEMA 3548 | 1950 | 000 | 000 | 000 | 000 | 000 | 000 | 007 | 009 |
| CHOLINE CHLORIDE NAS 0066 | 1966 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | * |
| CHONDRUS EXTRACT NAS 0067 FEMA 2596 | 1935 | 000 | 000 | 000 | 000 | * | * | 004 | 009 |
| CITRIC ACID NAS 0068 FEMA 2306 | 1860 | * | * | 000 | 005 | 005 | 006 | 024 | 021 |
| COPPER GLUCONATE NAS 0069 | 1934 | 000 | 000 | 000 | 000 | * | 000 | * | * |
| L-CYSTEINE NAS 0071 FEMA 3285 | 1958 | 000 | 000 | 000 | 000 | 000 | 000 | * | * |
| DIACETYL TAR MONODIGLY NAS 0076 | 1954 | 000 | 000 | 000 | 000 | 000 | 000 | * | 004 |
| ERYTHORBIC ACID NAS 0078 FEMA 2410 | 1940 | 000 | 000 | 000 | 000 | 000 | * | * | * |
| FERRIC PHOSPHATE NAS 0080 | 1941 | 000 | 000 | 000 | 000 | 000 | * | * | * |
| FERRIC PYROPHOSPHATE NAS 0081 | 1969 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | * |

TABLE 12 -- YEAR OF FIRST USE DATA FOR NAS APPENDIX A SUBSTANCES (GROUPS I & II) SUBMITTED BY NAS RESPONDENTS ONLY

******** DISTRIBUTION OF COMPANIES BY YEAR REPORTED *******

| SUBSTANCE NAME (SURVEY NO.) | EARLIEST YEAR REPORTED | BEFORE 1900 | 1900-1909 | 1910-1919 | 1920-1929 | 1930-1939 | 1940-1949 | 1950-1959 | 1960-1971 |
|---|---|---|---|---|---|---|---|---|---|
| FERRIC SODIUM PYROPHOS NAS 0082 | 1941 | 000 | 000 | 000 | 000 | 000 | * | * | * |
| FERROUS GLUCONATE NAS 0083 | 1932 | 000 | 000 | 000 | 000 | * | 000 | * | 000 |
| FERROUS SULFATE NAS 0085 | 1941 | 000 | 000 | 000 | 000 | 000 | * | * | 005 |
| GLUTAMIC ACID NAS 0087 FEMA 3307 | 1969 | | | | | | | | * |
| GLYCERIN NAS 0089 FEMA 2525 | 1920 | 000 | 000 | 000 | * | * | * | * | 012 |
| GLYCERYL MONOSTEARATE NAS 0090 FEMA 2527 | 1944 | 000 | 000 | 000 | 000 | 000 | 004 | * | 006 |
| GUAR GUM NAS 0092 FEMA 2537 | 1949 | 000 | 000 | 000 | 000 | 000 | * | * | 015 |
| HYDROCHLORIC ACID NAS 0097 | 1921 | 000 | 000 | 000 | * | * | 000 | * | 004 |
| HYDROGEN PEROXIDE NAS 0098 | 1960 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 005 |
| INOSITOL NAS 0099 | 1966 | | | | | | | | * |
| IRON, REDUCED NAS 0100 | 1940 | 000 | 000 | 000 | 000 | 000 | 008 | * | * |
| LACTIC ACID NAS 0103 FEMA 2611 | 1946 | 000 | 000 | 000 | 000 | 000 | * | * | 006 |
| LECITHIN NAS 0104 FEMA 3519 | 1911 | 000 | 000 | * | * | * | 010 | 015 | 021 |
| L-LYSINE NAS 0109 | 1955 | 000 | 000 | 000 | 000 | 000 | 000 | * | * |
| MAGNESIUM CARBONATE NAS 0110 | 1930 | 000 | 000 | 000 | 000 | * | * | 000 | 005 |

TABLE 12 -- YEAR OF FIRST USE DATA FOR NAS APPENDIX A SUBSTANCES (GROUPS I & II) SUBMITTED BY NAS RESPONDENTS ONLY

******** DISTRIBUTION OF COMPANIES BY YEAR REPORTED *******

| SUBSTANCE NAME (SURVEY NO.) | EARLIEST YEAR REPORTED | BEFORE 1900 | 1900-1909 | 1910-1919 | 1920-1929 | 1930-1939 | 1940-1949 | 1950-1959 | 1960-1971 |
|---|---|---|---|---|---|---|---|---|---|
| MAGNESIUM OXIDE NAS 0112 | 1961 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | * |
| MAGNESIUM PHOSPHATE DI NAS 0113 | 1966 | | | | | | | | * |
| MAGNESIUM SILICATE NAS 0115 | 1916 | 000 | 000 | * | 000 | 000 | * | 000 | 000 |
| MAGNESIUM STEARATE NAS 0116 | 1942 | 000 | 000 | 000 | 000 | 000 | * | * | 007 |
| MAGNESIUM SULFATE NAS 0117 | 1957 | 000 | 000 | 000 | 000 | 000 | 000 | * | * |
| MALIC ACID NAS 0118 FEMA 2655 | 1930 | 000 | 000 | 000 | 000 | * | 000 | * | 017 |
| MANGANESE GLUCONATE NAS 0121 | 1936 | | | | | * | | | |
| MANGANESE SULFATE NAS 0124 | 1960 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 006 |
| MANNITOL NAS 0126 FEMA 3520 | 1950 | 000 | 000 | 000 | 000 | 000 | 000 | * | 005 |
| METHYLCELLULOSE NAS 0127 FEMA 2696 | 1960 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 006 |
| METHYLPARABEN NAS 0128 FEMA 2710 | 1933 | 000 | 000 | 000 | 000 | * | 000 | 000 | 005 |
| MONO- AND DIGLYCERIDES NAS 0130 FEMA 3511 | 1911 | 000 | 000 | * | 000 | * | * | 008 | 017 |
| MONOSODIUM GLUTAMATE NAS 0134 FEMA 2756 | 1920 | 000 | 000 | 000 | * | * | * | 012 | 019 |
| MONOSODIUM PHOSMONODIGLY NAS 0135 | 1962 | | | | | | | | * |
| NIACIN NAS 0136 | 1940 | 000 | 000 | 000 | 000 | 000 | 009 | 004 | * |

TABLE 12 -- YEAR OF FIRST USE DATA FOR NAS APPENDIX A SUBSTANCES (GROUPS I & II) SUBMITTED BY NAS RESPONDENTS ONLY

******** DISTRIBUTION OF COMPANIES BY YEAR REPORTED *******

| SUBSTANCE NAME (SURVEY NO.) | EARLIEST YEAR REPORTED | BEFORE 1900 | 1900-1909 | 1910-1919 | 1920-1929 | 1930-1939 | 1940-1949 | 1950-1959 | 1960-1971 |
|---|---|---|---|---|---|---|---|---|---|
| NIACINAMIDE NAS 0137 | 1942 | 000 | 000 | 000 | 000 | 000 | 006 | * | 007 |
| NITROGEN NAS 0138 | 1936 | 000 | 000 | 000 | 000 | * | 000 | * | 004 |
| NITROUS OXIDE NAS 0139 FEMA 2779 | 1956 | | | | | | | * | |
| D-PANTOTHENYL ALCOHOL NAS 0141 | 1946 | | | | | | * | | |
| PAPAIN NAS 0142 | 1909 | 000 | * | 000 | 000 | 025 | 009 | 011 | 009 |
| PHOSPHORIC ACID NAS 0145 FEMA 2900 | 1920 | 000 | 000 | 000 | * | 000 | 000 | * | 004 |
| POTASSIUM ACID TARTRATE NAS 0146 | 1915 | 000 | 000 | * | * | * | * | 004 | * |
| POTASSIUM BICARBONATE NAS 0148 | 1948 | 000 | 000 | 000 | 000 | 000 | * | * | * |
| POTASSIUM CARBONATE NAS 0150 | 1941 | 000 | 000 | 000 | 000 | 000 | * | * | * |
| POTASSIUM CHLORIDE NAS 0151 | 1914 | 000 | 000 | * | 000 | * | 000 | * | 007 |
| POTASSIUM CITRATE NAS 0152 | 1938 | 000 | 000 | 000 | 000 | * | * | 000 | 012 |
| POTASSIUM HYDROXIDE NAS 0154 | 1876 | * | 000 | 000 | 000 | 000 | * | 000 | 004 |
| POTASSIUM IODIDE NAS 0155 | 1927 | 000 | 000 | 000 | * | 000 | 000 | * | 009 |
| POTASSIUM METABISULFITE NAS 0156 | 1939 | | | | | 07 | * | 06 | 007 |
| POTASSIUM PHOSPHATE DI NAS 0157 | 1961 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 006 |

TABLE 12 -- YEAR OF FIRST USE DATA FOR NAS APPENDIX A SUBSTANCES (GROUPS I & II) SUBMITTED BY NAS RESPONDENTS ONLY

******** DISTRIBUTION OF COMPANIES BY YEAR REPORTED *******

| SUBSTANCE NAME (SURVEY NO.) | EARLIEST YEAR REPORTED | BEFORE 1900 | 1900-1909 | 1910-1919 | 1920-1929 | 1930-1939 | 1940-1949 | 1950-1959 | 1960-1971 |
|---|---|---|---|---|---|---|---|---|---|
| POTASSIUM SORBATE NAS 0158 FEMA 2921 | 1955 | 000 | 000 | 000 | 000 | 000 | 000 | 005 | 024 |
| PROPIONIC ACID NAS 0163 FEMA 2924 | 1966 | | | | | | | | * |
| PROPYLENE GLYCOL NAS 0164 FEMA 2940 | 1920 | 000 | 000 | 000 | * | 000 | 006 | 007 | 010 |
| PROPYL GALLATE NAS 0165 FEMA 2947 | 1948 | 000 | 000 | 000 | 000 | 000 | * | 004 | * |
| PROPYLPARABEN NAS 0166 FEMA 2951 | 1932 | 000 | 000 | 000 | 000 | * | 000 | * | 006 |
| PYRIDOXINE HYDROCHLORIDE NAS 0167 | 1943 | 000 | 000 | 000 | 000 | 000 | * | * | 004 |
| RENNET NAS 0168 | 1876 | * | 000 | 000 | 000 | 000 | 000 | * | * |
| RIBOFLAVIN NAS 0169 | 1940 | 000 | 000 | 000 | 000 | 000 | 013 | 006 | 007 |
| RIBOFLAVIN 5-PHOSPHATE NAS 0170 | 1952 | 000 | 000 | 000 | 000 | 000 | 000 | * | 000 |
| SACCHARIN NAS 0171 FEMA 3672 | 1964 | | | | | | | | * |
| SILICA AEROGEL NAS 0174 FEMA 3506 | 1963 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 005 |
| SODIUM ACETATE NAS 0175 FEMA 3024 | 1950 | | | | | | | * | |
| SODIUM ACID PYROPHOS NAS 0176 | 1950 | 000 | 000 | 000 | 000 | 000 | 000 | * | 013 |
| SODIUM ALGINATE NAS 0177 FEMA 2015 | 1935 | 000 | 000 | 000 | 000 | * | * | 000 | 005 |
| SODIUM ALUMINOSILICATE NAS 0178 | 1954 | 000 | 000 | 000 | 000 | 000 | 000 | * | 008 |

TABLE 12 -- YEAR OF FIRST USE DATA FOR NAS APPENDIX A SUBSTANCES (GROUPS I & II) SUBMITTED BY NAS RESPONDENTS ONLY

******** DISTRIBUTION OF COMPANIES BY YEAR REPORTED ********

| SUBSTANCE NAME (SURVEY NO.) | EARLIEST YEAR REPORTED | BEFORE 1900 | 1900-1909 | 1910-1919 | 1920-1929 | 1930-1939 | 1940-1949 | 1950-1959 | 1960-1971 |
|---|---|---|---|---|---|---|---|---|---|
| SODIUM ALUMINUM PHOS NAS 0179 FEMA 3657 | 1956 | 000 | 000 | 000 | 000 | 000 | 000 | * | 010 |
| SODIUM ASCORBATE NAS 0180 FEMA 3525 | 1938 | 000 | 000 | 000 | 000 | * | 000 | 005 | 017 |
| SODIUM BENZOATE NAS 0181 FEMA 3025 | 1900 | 000 | * | 000 | 000 | 000 | 004 | 005 | 019 |
| SODIUM BICARBONATE NAS 0182 FEMA 3536 | 1876 | * | * | * | * | 005 | * | 009 | 020 |
| SODIUM BISULFITE NAS 0183 | 1921 | 000 | 000 | 000 | * | 000 | 005 | 008 | 007 |
| SODIUM CARBONATE NAS 0185 | 1938 | 000 | 000 | 000 | 000 | * | 000 | * | * |
| SODIUM CMC NAS 0186 | 1945 | 000 | 000 | 000 | 000 | 000 | * | 007 | 013 |
| SODIUM CASEINATE NAS 0187 FEMA 3550 | 1951 | 000 | 000 | 000 | 000 | 000 | 000 | 004 | 011 |
| SODIUM CHLORIDE NAS 0188 FEMA 3537 | 1822 | 013 | 009 | 006 | 019 | 020 | 012 | 016 | 020 |
| SODIUM CITRATE NAS 0189 FEMA 3026 | 1910 | 000 | 000 | * | * | * | * | 005 | 020 |
| SODIUM DIACETATE NAS 0190 FEMA 3512 | 1938 | 000 | 000 | 000 | 000 | * | 000 | * | * |
| SODIUM GLUCONATE NAS 0191 | 1965 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 005 |
| SODIUM HYDROXIDE NAS 0192 | 1946 | 000 | 000 | 000 | 000 | 000 | * | 004 | 006 |
| SODIUM METABISULFITE NAS 0193 | 1939 | 000 | 000 | 000 | 000 | * | * | * | 007 |
| SODIUM METAPHOSPHATE NAS 0194 FEMA 3027 | 1953 | 000 | 000 | 000 | 000 | 000 | 000 | 004 | 008 |

TABLE 12 -- YEAR OF FIRST USE DATA FOR NAS APPENDIX A SUBSTANCES (GROUPS I & II) SUBMITTED BY NAS RESPONDENTS ONLY

******** DISTRIBUTION OF COMPANIES BY YEAR REPORTED *******

| SUBSTANCE NAME (SURVEY NO.) | EARLIEST YEAR REPORTED | BEFORE 1900 | 1900-1909 | 1910-1919 | 1920-1929 | 1930-1939 | 1940-1949 | 1950-1959 | 1960-1971 |
|---|---|---|---|---|---|---|---|---|---|
| SODIUM PANTOTHENATE NAS 0196 | 1969 | | | | | | | | * |
| SODIUM PHOSPHATE DI NAS 0197 FEMA 2398 | 1940 | 000 | 000 | 000 | 000 | 000 | * | * | 008 |
| SODIUM PHOSPHATE MONO NAS 0198 FEMA 3534 | 1950 | 000 | 000 | 000 | 000 | 000 | 000 | * | * |
| SODIUM PHOSPHATE TRI NAS 0199 | 1940 | 000 | 000 | 000 | 000 | 000 | * | 000 | 005 |
| SODIUM PROPIONATE NAS 0201 FEMA 3513 | 1948 | 000 | 000 | 000 | 000 | 000 | * | 005 | 008 |
| SODIUM PYROPHOSPHATE NAS 0202 FEMA 3625 | 1945 | 000 | 000 | 000 | 000 | 000 | * | * | 004 |
| SODIUM SACCHARIN NAS 0203 FEMA 2997 | 1952 | 000 | 000 | 000 | 000 | 000 | 000 | * | 007 |
| SODIUM SESQUICARBONATE NAS 0204 | 1956 | | | | | | | * | |
| SODIUM SULFITE NAS 0206 | 1930 | 000 | 000 | 000 | 000 | * | * | 000 | * |
| SODIUM THIOSULFATE NAS 0209 | 1930 | 000 | 000 | 000 | 000 | * | 000 | * | 000 |
| SODIUM TRIPOLYPHOSPHATE NAS 0210 FEMA 3553 | 1950 | 000 | 000 | 000 | 000 | 000 | 000 | 004 | 004 |
| SORBIC ACID NAS 0211 FEMA 3624 | 1955 | 000 | 000 | 000 | 000 | 000 | 000 | 004 | 008 |
| SORBITOL NAS 0212 FEMA 3029 | 1929 | 000 | 000 | 000 | * | 000 | * | 004 | 019 |
| STANNOUS CHLORIDE NAS 0213 | 1960 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 010 |
| STERCULIA GUM NAS 0215 FEMA 2605 | 1917 | | | * | | | | | |

TABLE 12 -- YEAR OF FIRST USE DATA FOR NAS APPENDIX A SUBSTANCES (GROUPS I & II) SUBMITTED BY NAS RESPONDENTS ONLY

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| SUBSTANCE NAME (SURVEY NO.) | EARLIEST YEAR REPORTED | BEFORE 1900 | 1900-1909 | 1910-1919 | 1920-1929 | 1930-1939 | 1940-1949 | 1950-1959 | 1960-1971 |
|---|---|---|---|---|---|---|---|---|---|
| SUCCINIC ACID NAS 0216 FEMA 3569 | 1962 | | | | | | | | * |
| SULFUR DIOXIDE NAS 0217 FEMA 3039 | 1908 | 000 | * | 000 | 000 | * | * | 000 | * |
| SULFURIC ACID NAS 0218 | 1955 | 000 | 000 | 000 | 000 | 000 | 000 | * | 004 |
| TARTARIC ACID NAS 0219 FEMA 3044 | 1862 | * | 000 | 000 | 000 | 000 | * | * | 005 |
| THIAMINE HYDROCHLORIDE NAS 0221 FEMA 3400 | 1938 | 000 | 000 | 000 | 000 | * | 008 | * | * |
| THIAMINE MONONITRATE NAS 0222 | 1940 | 000 | 000 | 000 | 000 | 000 | 005 | 004 | 004 |
| DL-ALPHA TOCOPHEROL NAS 0226 | 1949 | 000 | 000 | 000 | 000 | 000 | * | 000 | * |
| TOCOPHEROLS CONC MIXED NAS 0227 | 1949 | 000 | 000 | 000 | 000 | 000 | * | * | 000 |
| D-ALPHA TOCOPH ACET NAS 0228 | 1960 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 005 |
| DL-ALPHA TOCOPH ACET NAS 0229 | 1949 | 000 | 000 | 000 | 000 | 000 | * | 000 | * |
| D-ALPHA TOCOPH ACET CONC NAS 0230 | 1965 | | | | | | | | * |
| TRAGACANTH NAS 0232 FEMA 3079 | 1925 | 000 | 000 | 000 | * | 000 | * | * | 007 |
| TRIACETIN NAS 0233 FEMA 2007 | 1960 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | * |
| TRIETHYL CITRATE NAS 0234 FEMA 3083 | 1933 | 000 | 000 | 000 | 000 | * | 000 | 000 | * |
| VITAMIN A NAS 0241 | 1947 | | | | | | * | | |

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|---|---|---|---|---|---|---|---|---|---|
| VITAMIN A ACETATE NAS 0242 | 1948 | 000 | 000 | 000 | 000 | 000 | * | * | * |
| VITAMIN A PALMITATE NAS 0243 | 1947 | 000 | 000 | 000 | 000 | 000 | * | 009 | 011 |
| VITAMIN B12 NAS 0244 | 1948 | 000 | 000 | 000 | 000 | 000 | * | * | 006 |
| VITAMIN D2 NAS 0245 | 1938 | 000 | 000 | 000 | 000 | * | 000 | 006 | 004 |
| VITAMIN D3 NAS 0246 | 1937 | 000 | 000 | 000 | 000 | * | * | 000 | * |
| ZINC OXIDE NAS 0249 | 1961 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | * |
| ZINC SULFATE NAS 0251 | 1961 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 004 |
| BENZOYL PEROXIDE NAS 0254 | 1921 | 000 | 000 | 000 | * | * | 000 | 000 | 000 |
| BRANDY NAS 0257 | 1928 | 000 | 000 | 000 | * | 000 | 000 | 000 | * |
| BUTTER FAT ENZ MOD W /B A NAS 0258 | 1920 | 000 | 000 | 000 | * | 000 | 000 | * | * |
| CALCIUM STEARATE NAS 0260 FEMA 3572 | 1946 | 000 | 000 | 000 | 000 | 000 | * | * | 008 |
| CANDELILLA WAX NAS 0261 | 1911 | 000 | 000 | * | * | 000 | 000 | 000 | 000 |
| CARBON NAS 0262 | 1929 | 000 | 000 | 000 | * | * | 000 | 000 | 000 |
| CARBOXYMETHYL CELLULOSE NAS 0263 FEMA 2239 | 1962 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 008 |
| CELLULOSE NAS 0265 | 1950 | 000 | 000 | 000 | 000 | 000 | 000 | * | 008 |

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|---|---|---|---|---|---|---|---|---|---|
| CHLOROPHYLL NAS 0266 | 1951 | 000 | 000 | 000 | 000 | 000 | 000 | * | 000 |
| CORN SYRUP NAS 0270 | 1895 | * | 005 | * | 010 | 005 | * | 017 | 021 |
| DEXTROSE NAS 0271 | 1905 | 000 | * | 000 | 007 | 006 | * | 014 | 035 |
| ENZYMES, BACTERIAL NAS 0273 | 1957 | 000 | 000 | 000 | 000 | 000 | 000 | * | * |
| ENZYMES, PROTEOLYTIC NAS 0274 | 1925 | 000 | 000 | 000 | * | 000 | 000 | * | * |
| FERROCYANIDE SALTS NAS 0276 | 1961 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | * |
| GLUCONO-DELTA LACTONE NAS 0278 | 1939 | 000 | 000 | 000 | 000 | * | 000 | * | 004 |
| GLYCEROL LACTOPALMITATE NAS 0281 | 1965 | | | | | | | | * |
| GUMS, VEGETABLE NAS 0282 | 1916 | 000 | 000 | * | 000 | * | 000 | * | 005 |
| HESPERIDIN COMPLEX NAS 0283 | 1938 | | | | | * | | | |
| LECITHIN, MOD W/HYD PER NAS 0287 | 1947 | 000 | 000 | 000 | 000 | 000 | * | * | * |
| MAGNESIUM GLUCONATE NAS 0290 | 1950 | | | | | | | * | |
| MALT SYRUP NAS 0291, FEMA 3579 | 1902 | 000 | * | 000 | 000 | * | * | 000 | 006 |
| METHYLPOLYSILICONE NAS 0292 | 1948 | 000 | 000 | 000 | 000 | 000 | * | * | * |
| MILK, POWDR WHOLE, ENZ MOD NAS 0293 | 1938 | 000 | 000 | 000 | 000 | * | * | * | 004 |

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|---|---|---|---|---|---|---|---|---|---|
| MONO-DIGLY NA SULFOAC DER NAS 0294 | 1929 | | | | * | | | | |
| PEPSIN NAS 0296 | 1877 | * | 000 | 000 | 000 | 000 | * | 000 | * |
| PEPTONE NAS 0297 | 1938 | 000 | 000 | 000 | 000 | * | * | 005 | * |
| PIPERAZINE DIHCL NAS 0298 | 1962 | | | | | | | | * |
| POTASSIUM BROMATE NAS 0299 | 1924 | 000 | 000 | 000 | * | * | * | * | 005 |
| POTASSIUM GLUCONATE NAS 0300 | 1943 | | | | | | * | | |
| POTASSIUM PHOSPHATE, MONO NAS 0304 | 1963 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | * |
| POTASSIUM PHOSPHATE, TRI NAS 0305 | 1963 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | * |
| POTASSIUM TRIPOLYPHOS NAS 0308 | 1962 | | | | | | | | * |
| PROPYLENE GLYCOL MSTEARAT NAS 0309 FEMA 2942 | 1958 | 000 | 000 | 000 | 000 | 000 | 000 | * | * |
| PROTEIN, ANIMAL, HYDROLYZ NAS 0310 | 1942 | | | | | | * | | |
| PROTEIN, VEGE, HYDROLYZED NAS 0311 FEMA 3517 | 1910 | 000 | 000 | * | 000 | 000 | * | 005 | 018 |
| SODIUM ERYTHORBATE NAS 0317 | 1940 | 000 | 000 | 000 | 000 | 000 | * | 016 | 011 |
| SODIUM FLUORIDE NAS 0318 | 1956 | | | | | | | * | |
| SODIUM HYPOCHLORITE NAS 0319 | 1961 | | | | | | | | * |

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|---|---|---|---|---|---|---|---|---|---|
| STARCH, MODIFIED NAS 0325 | 1894 | * | 000 | * | 005 | * | 007 | 011 | 025 |
| STARTER DISTILLATE NAS 0326 | 1920 | 000 | 000 | 000 | * | 000 | * | * | * |
| SUCROSE NAS 0328 | 1869 | 010 | 008 | 004 | 017 | 017 | 008 | 017 | 015 |
| SULFITES, STRONG ALKALI NAS 0329 | 1939 | | | | | * | | * | 009 |
| TANNIC ACID NAS 0330 FEMA 3042 | 1899 | * | 000 | 000 | * | * | * | 000 | * |
| WAX, SHELLAC NAS 0332 | 1929 | 000 | 000 | 000 | * | 000 | * | * | 004 |
| YEASTS NAS 0333 | 1880 | * | * | 000 | 008 | * | * | 005 | 012 |
| ZEIN, POWDER NAS 0334 | 1967 | | | | | | | | * |

END OF MARKIV REPORT