



# **Glossary of Pesticide Chemicals**

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## Preface

This glossary is intended to facilitate communication within the Food and Drug Administration (FDA) on the subject of pesticide residues in foods and feeds. It serves as the source of names chosen for use in all agency documents and internal communications.

Chemicals are listed, alphabetically by preferred name, in the body of the glossary. The preferred name is printed in bold-face type, as is the CAS Registry number assigned by Chemical Abstracts Service (not available for some entries). Alternate names are identified by type of name. An index provides a cross-reference to the preferred name for each alternate name.

Use the index to find the name used for any chemical in the body of the Glossary. Then find the main entry for that chemical to obtain additional alternate names and other information.

The glossary includes parent pesticides with U.S. tolerances on foods or feeds (40 CFR 180, 185, 186), or with temporary or pending tolerances. It also includes pesticides which previously had U.S. tolerances, those known or suspected of being used on foods in other countries, and those for which common names have recently been approved by ANSI and/or ISO. Absence of a chemical which meets these criteria is either inadvertent or results from failure to locate sufficient information for entry.

The glossary contains only limited entries for pesticide components, metabolites, breakdown products, or impurities; see page iii for directions on how to obtain information about additional chemicals in these categories. The glossary also contains only selected industrial chemicals, usually those known to be detected during analysis of foods for pesticide residues.

Preferred names were chosen according to the following sequence:

- ANSI (American National Standards Institute) approved common name
- ISO (International Standards Organization) approved common name
- other common names
- acronym or other term which has gained general acceptance
- chemical name if sufficiently short
- trade name

In some cases where no ANSI or ISO name exists, the preferred name was chosen from among several possibilities because it has already been used within the agency for a period of time.

### Other Information

The following additional information is included, if available, for each chemical:

**Use:** most common use of pesticide; left blank for components, metabolites, *etc.*

**Category:** parent, metabolite, *etc.*

**Molecular Formula:** Numbers are not subscripted.

**LMS Code:** as used by FDA to report analytical results.

**Tolerances:** references to 40 CFR 180 and 40 CFR 185-86; also notes temporary, pending, or revoked tolerances and indicates use in other countries ("foreign use").

## Naming Conventions

Names proposed as ANSI common names, but not yet approved, are not normally used. When exceptions are made, the notation "(prop)" is included with the name.

Names proposed as ISO common names and considered acceptable by mail ballot are used, even when they have not yet appeared in a Draft Addendum to ISO document 1750, Pesticides and other agrochemicals—Common names.

Names approved as ISO common names but designated as unacceptable in the U.S. are listed in the Glossary but are not used as preferred names, even when no ANSI name exists.

Certain "other" names are entered for explanatory purposes, *e.g.*, "captan metabolite", "chlordane component". In some cases, these names will occur once for each of the chemicals to which they refer.

Chemical names which follow the nomenclature rules of the Chemical Abstracts Service's 9th Collective Index (9CI) are used for all entries for which such a name exists. In certain cases, other chemical names are also included; these are labelled as "other" names.

Chemical names are entered in direct order. Exceptions to this include the following stereochemical descriptors, which are printed after the name following a comma:

- cis- and trans-
- alpha, beta, *etc.*, (sometimes abbreviated to A and B for space considerations)
- o-, m-, and p-
- (±)-
- (E)- and (Z)-
- endo- and exo-

Note that alpha and beta are also used as locants in some names; in these cases, the terms are not abbreviated and are not placed at the end of the name.

Names are alphabetized by computer according to the following sequence:

space ! + # \$ % & + ( ) \* + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @  
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ \ ]

An "=" is used to create an artificial line break in a long chemical name; no space or hyphen occurs in the actual name at that point.

## Acknowledgement

This Glossary was developed by Carolyn Makovi of FDA Division of Pesticides and Industrial Chemicals.

## Corrections

Report corrections, additions or comments on the FDA Glossary of Pesticide Chemicals to: Carolyn Makovi, FDA Division of Pesticides and Industrial Chemicals, HFS-336, 5100 Paint Branch Parkway, College Park, MD 20740; Email: CMakovi@fda.hhs.gov.

## Database Files

As previously noted, only limited entries exist in the Glossary for pesticide components, metabolites, breakdown products, and impurities. More complete listings are available in files FDA makes available in a format suitable for creating databases. For example, this Glossary contains entries for 1045 chemicals (with 5910 alternate names); the May 2005 version of the database files contains records for 1603 chemicals.

Also available in the database files is other information useful to the laboratory or administrator dealing with pesticides. Particular emphasis is given to data on the behavior of chemicals in FDA multiresidue analytical methods published in Pesticide Analytical Manual Vol. I (PAM I).

FDA provides the database files in electronic format on the Internet for access via World Wide Web. Basic information about the files, how to obtain them, and how to use them follows. Explanatory files that accompany the data files provide more details.

### What the Files Are

The following two sets of files are available, each in compressed .exe form. These can be decompressed on Windows systems by double-clicking, and on Macintosh systems by use of Stuffit Expander; access to this decompression software is provided.

- |          |  |
|----------|--|
| Pesttrak | Decompresses to five files, one of which, ExplnPtk.txt, explains the other four. Each of the others is designed for importing into database or spreadsheet software. See page iv for the names of the files and categories of information in each file. Each of the four can be used as a separate database, or the four can be linked using relational database software. |
| PESTDATA | Decompresses to two files, one of which, ExplnPD.txt, explains the other, PESTDATA.txt. The latter, designed for importing into database or spreadsheet software, contains data on the behavior of chemicals through PAM I methods. See page iv for the categories of information in this file, which is used by FDA to create PAM I Appendix I.                           |

### How to Get the Files via WWW

Go to the World Wide Web site at: <http://www.cfsan.fda.gov/list.html>. Follow the links for Pesticides and Chemical Contaminants, then Pesticide Analytical Behavior Data (under the heading Pesticides: Technical Information). Or go directly to the page: <http://www.cfsan.fda.gov/~frf/pestdata.html>. Read descriptions of the available files and follow the links to download them.

### How to Use the Files

Each file listed on page iv is a text (ASCII) file. Read the "Expln" files with word processing software using a monospaced (nonproportional) font. Import the remaining data files into software designed to create a data base. (Files are tab-delimited, a format recognized by most database and spreadsheet software.) Use the databases to sort data, perform searches, or prepare reports as desired.

**Files will be updated annually.  
Compare dates to see whether you have the latest versions.**

<b>Pesttrak</b>	
<u>File</u>	<u>Field (category of information)</u>
ExplnPtk	[No fields; explanation of other files, including translation of codes that are used.]
Chems	CAS Number Name LMS Code Std. No. 40 CFR 180 40 CFR 185 40 CFR 186 Other Status Molecular Formula Use (insecticide, <i>etc.</i> ) Category (parent, <i>etc.</i> ) Special Review CCPR Number
OthNames	CAS Number Preferred] Name Oth[er] Name Type (9CI, ANSI, <i>etc.</i> )
Recvrs	CAS Number Preferred] Name Method (PAM I 3rd ed) Recovery (C[omplete], <i>etc.</i> ) Mixed ethers eluate(s) Methylene chloride eluate(s) Notes
GCDat	CAS Number Preferred] Name GC Column Detector Rrt (relative to chlorpyrifos) Ng causing 1/2 FSD

<b>PESTDATA</b>	
<u>File</u>	<u>Field (category of information)</u>
ExplnPD	[No fields; explanation of PESTDATA.]
PESTDATA	Name Molecular Formula Rrt, OV-101 column Detector responses, OV-101 Rrt, OV-225 column Detector responses, OV-225 Rrt, OV-17 column Detector responses, OV-17 Rrt, DEGS column Detector responses, DEGS Recovery, PAM I 302, no cleanup Recovery, PAM I 303 Recovery, PAM I 304 Mixed ether eluate(s) Methylene chloride eluate(s)

## FDA Glossary of Pesticide Chemicals

<p><b>(2-naphthoxy)acetic acid</b> <span style="float: right;"><b>120-23-0</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: C12H10O3            LMS Code: 334            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI (2-naphthalenyloxy)acetic acid            ISO (2-naphthoxy)acetic acid            IUPAC (2-naphthoxy)acetic acid            Other 2-naphthoxyacetic acid                  BNOA                  naphthoxyacetic acid, beta</p>	<p><b>(4-methylphenyl) arsonic acid</b> <span style="float: right;"><b>3969-54-8</b></span>            Use:            Category: parent            Mol. Form.: C7H9AsO3            LMS Code:            Tolerances: pending  <u>Alternate Names:</u>            9CI (4-methylphenyl) arsonic acid            Other 4-tolylarsonic acid                  methylbenzenearsonic acid, p-                  tolueneearsonic acid, p-                  tolylarsonic acid, p-</p>	<p><b>1-hydroxychloridene</b> <span style="float: right;"><b>2597-11-7</b></span>            Use:            Category: metabolite            Mol. Form.: C10H6Cl6O            LMS Code: 281            Tolerances: revoked  <u>Alternate Names:</u>            9CI 4,5,6,7,8,8-hexachloro-3a,4,7,7a-                  tetrahydro-4,7-methano-1H-inden-                  1-ol            Other 1-hydroxychloridene                  chlordanone metabolite</p>
<p><b>1,1'-(2,2-dichloroethylidene)bis(4-methoxybenzene)</b> <span style="float: right;"><b>7388-31-0</b></span>            Use:            Category: metabolite            Mol. Form.: C16H16Cl2O2            LMS Code: 643            Tolerances: 180.120  <u>Alternate Names:</u>            9CI 1,1'-(2,2-dichloroethylidene)bis(4-                  methoxybenzene)            Other methoxychlor metabolite</p>	<p><b>1-methoxy-4-(1,2,2,2-tetrachloroethyl)benzene</b> <span style="float: right;"><b>51495-87-5</b></span>            Use:            Category: impurity            Mol. Form.: C9H8Cl4O            LMS Code: 563            Tolerances: 180.120  <u>Alternate Names:</u>            9CI 1-methoxy-4-(1,2,2,2-tetrachloroethyl)=                  benzene            Other methoxychlor impurity</p>	<p><b>1-naphthol</b> <span style="float: right;"><b>90-15-3</b></span>            Use:            Category: metabolite            Mol. Form.: C10H8O            LMS Code: 382            Tolerances: 180.169, 186.550  <u>Alternate Names:</u>            9CI 1-naphthalenol            IUPAC 1-naphthol            Other carbaryl metabolite                  naphthol, <math>\alpha</math>-</p>
<p><b>1,3-dichloropropene</b> <span style="float: right;"><b>542-75-6</b></span>            Use: nematocide            Category: parent            Mol. Form.: C3H4Cl2            LMS Code: 251            Tolerances: temporary, foreign  <u>Alternate Names:</u>            9CI 1,3-dichloro-1-propene            IUPAC 1,3-dichloropropene, (EZ)-            Other 1,3-dichloropropene            Trade Telone</p>	<p><b>1,3-dichloropropene, cis-</b> <span style="float: right;"><b>10061-01-5</b></span>            Use: nematocide            Category: component            Mol. Form.: C3H4Cl2            LMS Code: 689            Tolerances: temporary, foreign  <u>Alternate Names:</u>            9CI 1,3-dichloropropene, (Z)-            Other 1,3-dichloropropene, cis-</p>	<p><b>1-naphthylacetic acid</b> <span style="float: right;"><b>86-87-3</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: C12H10O2            LMS Code: 060            Tolerances: 180.155  <u>Alternate Names:</u>            9CI 1-naphthaleneacetic acid            ISO 1-naphthylacetic acid            Other NAA                  naphthaleneacetamide metabolite            Trade Fruitone</p>
<p><b>1,3-dichloropropene, trans-</b> <span style="float: right;"><b>10061-02-6</b></span>            Use: nematocide            Category: component            Mol. Form.: C3H4Cl2            LMS Code: 690            Tolerances: temporary, foreign  <u>Alternate Names:</u>            9CI 1,3-dichloropropene, (E)-            Other 1,3-dichloropropene, trans-</p>	<p><b>2,3,4,5-tetrachlorothioanisole</b> <span style="float: right;"><b>68671-89-6</b></span>            Use:            Category:            Mol. Form.: C7H4Cl4S            LMS Code:            Tolerances:  <u>Alternate Names:</u>            Other 1,2,3,4-tetrachloro-5-(methylthio)benzene                  2,3,4,5-tetrachlorothioanisole</p>	<p><b>2,3,5,6-tetrachloroaniline</b> <span style="float: right;"><b>3481-20-7</b></span>            Use:            Category: metabolite            Mol. Form.: C6H3Cl4N            LMS Code: 508            Tolerances: revoked  <u>Alternate Names:</u>            9CI 2,3,5,6-tetrachloroaniline                  2,3,5,6-tetrachlorobenzeneamine            Other tecnazene metabolite</p>

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<p><b>2,3,5,6-tetrachloroanisidine</b> <span style="float: right;"><b>70439-96-2</b></span>            Use:             Category: metabolite            Mol. Form.: C7H5Cl4NO            LMS Code: 535            Tolerances: revoked  <u>Alternate Names:</u>            9CI 2,3,5,6-tetrachloro-4-methoxy=benzenamine            Other 2,3,5,6-tetrachloroanisidine            tecnazene metabolite</p>	<p><b>2,4,5-trichlorophenol</b> <span style="float: right;"><b>95-95-4</b></span>            Use: bactericide            Category: parent            Mol. Form.: C6H3Cl3O            LMS Code: 270            Tolerances:  <u>Alternate Names:</u>            9CI 2,4,5-trichlorophenol            Trade Dowicide 2</p>
<p><b>2,3,5,6-tetrachloroanisole</b> <span style="float: right;"><b>6936-40-9</b></span>            Use:             Category: metabolite            Mol. Form.: C7H4Cl4O            LMS Code: 533            Tolerances: revoked  <u>Alternate Names:</u>            9CI 1,2,4,5-tetrachloro-3-methoxybenzene            Other 2,3,5,6-tetrachloroanisole            tecnazene metabolite</p>	<p><b>2,4,6-trichlorophenol</b> <span style="float: right;"><b>88-06-2</b></span>            Use:             Category: parent            Mol. Form.: C6H3Cl3O            LMS Code:            Tolerances:  <u>Alternate Names:</u>            Other 2,4,6-trichlorophenol</p>
<p><b>2,3,5-triiodobenzoic acid</b> <span style="float: right;"><b>88-82-4</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: C8H5I3O2            LMS Code: A71            Tolerances: revoked  <u>Alternate Names:</u>            9CI 2,3,5-triiodobenzoic acid            IUPAC 2,3,5-tri-iodobenzoic acid            Other TIBA</p>	<p><b>2,4-D</b> <span style="float: right;"><b>94-75-7</b></span>            Use: herbicide/plant growth regulator            Category: parent            Mol. Form.: C8H6Cl2O3            LMS Code: 026            Tolerances: 180.142, foreign use  <u>Alternate Names:</u>            9CI (2,4-dichlorophenoxy)acetic acid            ISO 2,4-D            IUPAC (2,4-dichlorophenoxy)acetic acid            Other 2,4-DB metabolite            Trade Weed B Gon</p>
<p><b>2,3,6-TBA</b> <span style="float: right;"><b>50-31-7</b></span>            Use: herbicide            Category: parent            Mol. Form.: C7H3Cl3O2            LMS Code: 319            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2,3,6-trichlorobenzoic acid            ISO 2,3,6-TBA            Other trichlorobenzyl chloride metabolite            Trade Benzac            Trysben            Zobar</p>	<p><b>2,4-D-picloram mixture</b> <span style="float: right;"><b>8067-55-8</b></span>            Use: insecticide            Category: parent            Mol. Form.: C9H21NO3.C9H21NO3.C8            LMS Code:            Tolerances: 180.292, foreign use  <u>Alternate Names:</u>            9CI 4-amino-3,5,6-trichloro-2-pyridine=carboxylic acid compd. with 1,1',1''-nitritotris(2-propanol) (1:1), mixt. with 1,1',1''-nitritotris(2-propanol) (2,4-dichlorophenoxy)=acetate (salt)            Other 2,4-D-picloram mixture            Trade Tordon 101            Tordon 101 mixture            Tordon 101R            Tordon 50D</p>
<p><b>2,4,5-T</b> <span style="float: right;"><b>93-76-5</b></span>            Use: herbicide            Category: parent            Mol. Form.: C8H5Cl3O3            LMS Code: 312            Tolerances: foreign use  <u>Alternate Names:</u>            9CI (2,4,5-trichlorophenoxy)acetic acid            ISO 2,4,5-T            Trade Weedone</p>	<p><b>2,4-DB</b> <span style="float: right;"><b>94-82-6</b></span>            Use: herbicide            Category: parent            Mol. Form.: C10H10Cl2O3            LMS Code: 317            Tolerances: 180.331, foreign use  <u>Alternate Names:</u>            9CI 4-(2,4-dichlorophenoxy) butanoic acid            4-(2,4-dichlorophenoxy)butyric acid            ISO 2,4-DB            IUPAC 4-(2,4-dichlorophenoxy)butyric acid            Other 2,4-DM            4-(2,4-DB)            Trade Butyrac            Embutox</p>
<p><b>2,4,5-trichloro-<math>\alpha</math>-methylbenzene=methanol</b> <span style="float: right;"><b>14299-54-8</b></span>            Use:             Category: metabolite            Mol. Form.: C8H7OCl3            LMS Code: 627            Tolerances: 180.252, 186.950  <u>Alternate Names:</u>            9CI 2,4,5-trichloro-<math>\alpha</math>-methylbenzenemethanol            Other Gardona metabolite            trichlorophenyl ethanol</p>	





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### 3-phenoxybenzoic acid 3739-38-6

Use:   
 Category: metabolite   
 Mol. Form.: C13H10O3   
 LMS Code:   
 Tolerances: 180.378, 180.418, foreign use   
Alternate Names:   
 9CI 3-phenoxybenzoic acid   
 Other cypermethrin metabolite   
 permethrin metabolite   
 R41207

### 4-(dichloroacetyl)-1-oxa-4-azaspiro-[4.5]decane 71526-07-3

Use: safener   
 Category: parent   
 Mol. Form.: C10H15Cl2NO2   
 LMS Code: A78   
 Tolerances: 180.465, foreign use   
Alternate Names:   
 9CI 4-(dichloroacetyl)-1-oxa-4-azaspiro-[4.5]decane   
 Other MON-4660

### 4-AP 504-24-5

Use: bird repellent   
 Category: parent   
 Mol. Form.: C5H6N2   
 LMS Code:   
 Tolerances: 180.312   
Alternate Names:   
 9CI 4-pyridinamine   
 IUPAC 4-pyridinamine   
 Other 4-aminopyridine   
 4-AP   
 avitrol   
 Trade Avitrol 200

### 4-chloro-6-methoxyindole 93490-31-4

Use:   
 Category: other   
 Mol. Form.: C9H8NOCl   
 LMS Code:   
 Tolerances:   
Alternate Names:   
 9CI 4-chloro-6-methoxy-1H-indole   
 Other 4-chloro-6-methoxyindole   
 fava bean component

### 4-CPA 122-88-3

Use: plant growth regulator   
 Category: parent   
 Mol. Form.: C8H7ClO3   
 LMS Code: 734   
 Tolerances: 180.202, foreign use   
Alternate Names:   
 9CI (4-chlorophenoxy)acetic acid   
 ISO 4-CPA   
 Other chlorophenoxyacetic acid, p-CPA

### 6-benzyladenine 1214-39-7

Use: plant growth regulator   
 Category: parent   
 Mol. Form.: C12H11N5   
 LMS Code: 763   
 Tolerances: revoked, foreign use?   
Alternate Names:   
 9CI N-(phenylmethyl)-1H-purin-6-amine   
 IUPAC N6-benzyladenine   
 Other 6-benzyladenine   
 BAP   
 benzylaminopurine

## A

### abamectin 71751-41-2

Use: insecticide   
 Category: parent   
 Mol. Form.: C48H72O14 (B1a)   
 LMS Code: 948   
 Tolerances: 180.449, foreign use   
Alternate Names:   
 9CI Avermectin B1   
 ANSI abamectin   
 ISO abamectin   
 Other mixture of Avermectin B1a and Avermectin B1b   
 Trade Affirm   
 Avid

### acephate 30560-19-1

Use: insecticide   
 Category: parent   
 Mol. Form.: C4H10NO3PS   
 LMS Code: 204   
 Tolerances: 180.108, revoked, 186.100, foreign use   
Alternate Names:   
 9CI O,S-dimethyl acetylphosphoramidothioate   
 ANSI acephate   
 ISO acephate   
 IUPAC O,S-dimethyl acetylphosphoramidothioate   
 Trade Orthene   
 Ortho 12420

### acequinocyl 57960-19-7

Use: acaricide   
 Category: parent   
 Mol. Form.: C24H32O4   
 LMS Code:   
 Tolerances:   
Alternate Names:   
 9CI 2-(acetyloxy)-3-dodecyl-1,4-naphthalene=dione   
 ISO acequinocyl   
 IUPAC 3-dodecyl-1,4-dihydro-1,4-dioxo-2-naphthyl acetate   
 Other DPX-3792   
 Trade Kanemite

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<p><b>acetamiprid</b> <span style="float: right;"><b>160430-64-8</b></span>            Use: insecticide            Category: parent            Mol. Form.: C10H11ClN4            LMS Code:            Tolerances: 180.578  <u>Alternate Names:</u>            9CI N-((6-chloro-3-pyridinyl)methyl)-N'-cyano-N-methyl-ethanimidamide            ISO acetamiprid            IUPAC N-((6-chloro-3-pyridyl)methyl)-N'-cyano-N-methylacetamide, (E)-            Other NI-25</p>	<p><b>acifluorfen sodium</b> <span style="float: right;"><b>62476-59-9</b></span>            Use: herbicide            Category: parent            Mol. Form.: C14H7ClF3NO5•Na            LMS Code:            Tolerances: 180.383, foreign use  <u>Alternate Names:</u>            9CI sodium 5-(2-chloro-4-(trifluoromethyl)=phenoxy)-2-nitrobenzoate            ANSI acifluorfen            ISO acifluorfen sodium            Other sodium salt of acifluorfen            Trade Blazer</p>
<p><b>acetochlor</b> <span style="float: right;"><b>34256-82-1</b></span>            Use: herbicide            Category: parent            Mol. Form.: C14H20NO2Cl            LMS Code: 807            Tolerances: 180.470, foreign use  <u>Alternate Names:</u>            9CI 2-chloro-N-(ethoxymethyl)-N-(2-ethyl-6-methylphenyl)acetamide            ANSI acetochlor            ISO acetochlor            IUPAC 2-chloro-N-ethoxymethyl-6'-ethylacet-            toluidide            Other MON-097            Trade Acenit            Harness            Top Hand            Top Notch</p>	<p><b>aclonifen</b> <span style="float: right;"><b>74070-46-5</b></span>            Use: herbicide            Category: parent            Mol. Form.: C12H9ClN2O3            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2-chloro-6-nitro-3-phenoxybenzenamine            ISO aclonifen            IUPAC 2-chloro-6-nitro-3-phenoxyaniline            Trade Bandren            Bandur            Challenge</p>
<p><b>acibenzolar-S-methyl</b> <span style="float: right;"><b>135158-54-2</b></span>            Use: plant activator            Category: parent            Mol. Form.: C8H6N2OS2            LMS Code: B51            Tolerances: 180.561  <u>Alternate Names:</u>            9CI 1,2,3-benzothiadiazole-7-carbothioic acid,            S-methyl ester            S-methyl 1,2,3-benzothiadiazole-7-            carbothioate            ISO acibenzolar-S-methyl            Other Actigard            Bendicar            Bion            CGA 245704            CGA-245704</p>	<p><b>acrinathrin</b> <span style="float: right;"><b>103833-18-7</b></span>            Use: acaricide/insecticide            Category: parent            Mol. Form.: C26H21F6NO5            LMS Code: A03            Tolerances: foreign use  <u>Alternate Names:</u>            9CI cyano(3-phenoxyphenyl)methyl 2,2-            dimethyl-3-(3-oxo-3-(2,2,2-trifluoro-            1-(trifluoromethyl)ethoxy)-1-            propenyl)cyclopropanecarboxylate            ISO acrinathrin            IUPAC cyano-3-phenoxybenzyl (Z)-(1R,3S)-2,2-            dimethyl-3-[2-(2,2,2-trifluoro-1-            trifluoromethylethoxycarbonyl)=            vinyl]cyclopropanecarboxylate, (S)-<math>\alpha</math>            Other acrinathrine            RU 38702            Trade Rufast</p>
<p><b>acifluorfen</b> <span style="float: right;"><b>50594-66-6</b></span>            Use:            Category: metabolite            Mol. Form.: C14H7ClF3NO3            LMS Code: 727            Tolerances: 180.383, 180.432  <u>Alternate Names:</u>            9CI 5-(2-chloro-4-(trifluoromethyl)phenoxy)-2-            nitrobenzoic acid            ISO acifluorfen            Other acifluorfen sodium metabolite            lactofen metabolite            PPG-847</p>	<p><b>alachlor</b> <span style="float: right;"><b>15972-60-8</b></span>            Use: herbicide            Category: parent            Mol. Form.: C14H20ClNO2            LMS Code: 227            Tolerances: 180.249, foreign use  <u>Alternate Names:</u>            9CI 2-chloro-N-(2,6-diethylphenyl)-N-            (methoxymethyl)acetamide            ANSIalachlor            ISOalachlor            IUPAC 2-chloro-2',6'-diethyl-N-            methoxymethylacetanilide            Trade Lasso</p>

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**alanycarb** **83130-01-2**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C17H25N3O4S2  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI ethyl 3,7-dimethyl-6-oxo-9-(phenyl=  
 methyl)-5-oxa-2,8-dithia-4,7,9-  
 triazadodec-3-en-12-oate, (Z)-  
 ISO alanycarb  
 IUPAC ethyl (Z)-N-benzyl-N-[[methyl(1-  
 methylthioethylideneamino-  
 oxycarbonyl)amino]thio]-β-alaninate  
 Trade Onic  
 Orion

**aldicarb** **116-06-3**  
 Use: insecticide/fumigant  
 Category: parent  
 Mol. Form.: C7H14N2O2S  
 LMS Code: 167  
 Tolerances: 180.269, 185.150, 186.150, foreign use  
Alternate Names:  
 9CI 2-methyl-2-(methylthio)propanal O-  
 ((methylamino)carbonyl)oxime  
 ANSI aldicarb  
 ISO aldicarb  
 IUPAC 2-methyl-2-(methylthio)propionaldehyde  
 O-methylcarbamoyloxime  
 Other UC21149  
 Trade Temik

**aldoxycarb** **1646-88-4**  
 Use:  
 Category: metabolite  
 Mol. Form.: C7H14N2O4S  
 LMS Code: 168  
 Tolerances: 180.269, 185.150, 186.150, foreign use  
Alternate Names:  
 9CI 2-methyl-2-(methylsulfonyl)propanal O-  
 ((methylamino)carbonyl)oxime  
 ANSI aldoxycarb  
 ISO aldoxycarb  
 IUPAC 2-methyl-2-methylpropionaldehyde O-  
 methylcarbamoyloxime  
 Other 2-methyl-2-(methylsulfonyl)  
 propionaldehyde O-(methyl=  
 carbamoyl) oxime  
 aldicarb sulfone  
 sulfocarb  
 Temik sulfone  
 UC-21865  
 Trade Standak

**aldrin** **309-00-2**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C12H8Cl6  
 LMS Code: 001  
 Tolerances: revoked, foreign use  
Alternate Names:  
 9CI 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-  
 hexahydro-1,4:5,8-dimethano=  
 naphthalene, (1 A, 4 A, 4a B, 5 A, 8  
 A, 8a B)-  
 ISO aldrin  
 HHDN  
 IUPAC 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-  
 hexahydro-1,4:5,8-dimethano=  
 naphthalene,  
 (1R,4S,4aS,5S,8R,8aR)-  
 Trade Octalene

**allethrin** **584-79-2**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C19H26O3  
 LMS Code: 002  
 Tolerances: 180.113  
Alternate Names:  
 9CI 2-methyl-4-oxo-3-(2-propenyl)-2-  
 cyclopenten-1-yl 2,2-dimethyl-3-(2-  
 methyl-1-propenyl)cyclopropane=  
 carboxylate  
 ISO allethrin  
 IUPAC 3-allyl-2-methyl-4-oxocyclopent-2-enyl  
 (1RS,3RS;1RS,3SR)-2,2-dimethyl-3-  
 (2-methylprop-1-enyl)cyclopropane=  
 carboxylate, (RS)-  
 Other allethrin, d-trans-  
 bioallethrin  
 chrysanthemum monocarboxylic acid ester  
 of DL-2-allyl-4- hydroxy-3-methyl-2-  
 cyclopenten-1-one, D-trans-  
 cinerin I, allyl homolog

**allidochlor** **93-71-0**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C8H12ClNO  
 LMS Code: 768  
 Tolerances: revoked  
Alternate Names:  
 9CI 2-chloro-N,N-di-2-propenylacetamide  
 ISO allidochlor  
 IUPAC N,N-diallyl-2-chloroacetamide  
 Other 2-chloro-N,N-diallylacetamide  
 CDAA  
 Trade Radox

**allophanate** **51963-79-2**  
 Use:  
 Category: metabolite  
 Mol. Form.: C12H14N4O6  
 LMS Code: 693  
 Tolerances: 180.371, 186.5700  
Alternate Names:  
 9CI dimethyl (1,2-phenylenebis(imino=  
 carbonyl))bis(carbamate)  
 Other allophanate  
 dimethyl-4,4'-N-phenylenebis-allophanate  
 dimethyl-4,4'-o-phenylene bis(allophanate)  
 thiophanate-methyl metabolite  
 thiophanate-methyl oxygen analog

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<p><b>alloydim-sodium</b> <span style="float: right;"><b>55635-13-7</b></span>            Use: herbicide            Category: parent            Mol. Form.: C17H24NO5•Na            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI sodium 2,2-dimethyl-4,6-dioxo-5-(1-((2-propenyloxy)imino)butyl)cyclohexanecarboxylate ion(1-)            ISO alloydim-sodium            IUPAC sodium (E)-(RS)-3-[1-(allyloxyimino)butyl]-4-hydroxy-6,6-dimethyl-2-oxo-cyclohex-3-enecarboxylate            Other DSMA            Trade Clout              Fervin              Kusagard              Tritex</p>	<p><b>amicarbazon</b> <span style="float: right;"><b>129909-90-6</b></span>            Use: herbicide            Category: parent            Mol. Form.: C10H19N5O2            LMS Code:            Tolerances: pending  <u>Alternate Names:</u>            9CI 4-amino-N-(1,1-dimethylethyl)-4,5-dihydro-3-(1-methylethyl)-5-oxo-1H-1,2,4-triazole-1-carboxamide            ISO amicarbazon            IUPAC 4-amino-N-tert-butyl-4,5-dihydro-3-isopropyl-5-oxo-1H-1,2,4-triazole-1-carboxamide            Other 4-amino-4,5-dihydro-N-(1,1-dimethylethyl)-3-(1-methylethyl)-5-oxo-1H-1,2,4-triazole-1-carboxamide              amicarbazon</p>
<p><b>alpha-cypermethrin</b> <span style="float: right;"><b>67375-30-8</b></span>            Use: insecticide            Category: parent            Mol. Form.: C22H19Cl2O3N            LMS Code: 868            Tolerances: foreign use  <u>Alternate Names:</u>            9CI cyano(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate, (1A(S*), 3A)-(±)            ISO alpha-cypermethrin            Other cypermethrin, alpha-WL 85871            Trade Bestox              Fastac</p>	<p><b>amidosulfuron</b> <span style="float: right;"><b>120923-37-7</b></span>            Use: herbicide            Category: parent            Mol. Form.: C9H15N5O7S2            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI N-((((4,6-dimethoxy-2-pyrimidinyl)amino)carbonyl)amino)sulfonyl)-N-methylmethanesulfonamide            ISO amidosulfuron            IUPAC 1-(4,6-dimethoxypyrimidin-2-yl)-3-mesyl(methyl)sulfamoylurea            Other HOE 075032</p>
<p><b>aluminum phosphide</b> <span style="float: right;"><b>20859-73-8</b></span>            Use: fumigant            Category: parent            Mol. Form.: Al3P2            LMS Code: 392            Tolerances: 180.225, removed  <u>Alternate Names:</u>            9CI aluminum phosphide            Trade Delicia              Phostoxin</p>	<p><b>aminocarb</b> <span style="float: right;"><b>2032-59-9</b></span>            Use: insecticide            Category: parent            Mol. Form.: C11H16N2O2            LMS Code: 869            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 4-(dimethylamino)-3-methylphenyl methylcarbamate            ISO aminocarb            IUPAC 4-dimethylamino-m-tolyl methylcarbamate            Trade Matacil</p>
<p><b>ametryn</b> <span style="float: right;"><b>834-12-8</b></span>            Use: herbicide            Category: parent            Mol. Form.: C9H17N5S            LMS Code: 156            Tolerances: 180.258, foreign use  <u>Alternate Names:</u>            9CI N-ethyl-N'-(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine            ANSI ametryn            ISO ametryn            IUPAC N2-ethyl-N4-isopropyl-6-methylthio-1,3,5-triazine-2,4-diamine            Other ametryne            Trade Evik</p>	<p><b>aminoethoxyvinylglycine</b> <span style="float: right;"><b>73360-07-3</b></span>            Use: plant regulator            Category: parent            Mol. Form.: C6H12N2O3            LMS Code:            Tolerances: 180.502  <u>Alternate Names:</u>            9CI 2-amino-4-(2-aminoethoxy)-3-butenoic acid, [S-(E)]-            Other aminoethoxyvinylglycine              AVG</p>
	<p><b>aminonitrofen</b> <span style="float: right;"><b>14861-17-7</b></span>            Use:            Category: metabolite            Mol. Form.: C12H9Cl2NO            LMS Code:            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI 4-(2,4-dichlorophenoxy)benzenamine            Other aminonitrofen              nitrofen metabolite</p>



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<p><b>amitraz</b> <span style="float: right;"><b>33089-61-1</b></span>            Use: insecticide, acaricide            Category: parent            Mol. Form.: C<sub>19</sub>H<sub>23</sub>N<sub>3</sub>            LMS Code: 233            Tolerances: 180.287, foreign use  <u>Alternate Names:</u>            9CI N'-(2,4-dimethylphenyl)-N-(((2,4-dimethyl-phenyl)imino)methyl)-N-methyl-methanimidamide            ANSI amitraz            ISO amitraz            IUPAC N-methylbis(2,4-xylyliminomethyl)amine            Trade Baam                  Mitac                  Triazid</p>	<p><b>anilazine</b> <span style="float: right;"><b>101-05-3</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>9</sub>H<sub>5</sub>Cl<sub>3</sub>N<sub>4</sub>            LMS Code: 033            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI 4,6-dichloro-N-(2-chlorophenyl)-1,3,5-triazin-2-amine            ISO anilazine            IUPAC 4,6-dichloro-N-(2-chlorophenyl)-1,3,5-triazin-2-amine            Other 2,4-dichloro-6-o-chloroanilino-s-triazine            Trade Dyrene                  Kemate</p>
<p><b>amitrole</b> <span style="float: right;"><b>61-82-5</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>2</sub>H<sub>4</sub>N<sub>4</sub>            LMS Code: 302            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 1H-1,2,4-triazole-3-amine            ANSI amitrole            ISO amitrole            IUPAC 1H-1,2,4-triazol-3-ylamine            Other 3-AT                  aminotriazole                  AT                  ATA                  azaplant            Trade Amitrole                  Cytrol                  Weedazole</p>	<p><b>anilofos</b> <span style="float: right;"><b>64249-01-0</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>13</sub>H<sub>19</sub>ClNO<sub>3</sub>PS<sub>2</sub>            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI S-(2-((4-chlorophenyl)(1-methylethyl)=amino)2-oxoethyl) O,O-dimethyl phosphorodithioate            ISO anilofos            IUPAC S-4-chloro-N-isopropylcarbaniloylmethyl O,O-dimethyl phosphorodithioate            Trade Aniloguard                  Arozin</p>
<p><b>ammonium iron methylarsonate</b> <span style="float: right;"><b>35745-11-0</b></span>            Use: fungicide            Category: parent            Mol. Form.: CH<sub>5</sub>AsO<sub>3</sub>.xFe.xH<sub>3</sub>N            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI ammonium iron(3+) methylarsonate            Other ammonium ferric methylarsonate                  ammonium iron methylarsonate                  MAFA            Trade Neo-Asozin</p>	<p><b>antimony potassium tartrate</b> <span style="float: right;"><b>28300-74-5</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>4</sub>H<sub>4</sub>KO<sub>7</sub>Sb            LMS Code: 072            Tolerances: 180.179, foreign use  <u>Alternate Names:</u>            9CI bis(mu-(2,3-dihydroxybutanediato(4-)-O<sub>1</sub>,O<sub>2</sub>:O<sub>3</sub>,O<sub>4</sub>))diantimonate(2-) dipotassium trihydrate (stereoisomer)            Other antimony potassium tartrate                  potassium antimony tartrate                  tartar emetic</p>
<p><b>ammonium sulphamate</b> <span style="float: right;"><b>7773-06-0</b></span>            Use: herbicide            Category: parent            Mol. Form.: H<sub>6</sub>N<sub>2</sub>O<sub>3</sub>S            LMS Code: 135            Tolerances: revoked  <u>Alternate Names:</u>            9CI monoammonium sulfamate            ISO ammonium sulphamate            IUPAC ammonium sulfamidate            Other ammonium sulfamate                  AMS            Trade Ammate</p>	<p><b>aramite</b> <span style="float: right;"><b>140-57-8</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>15</sub>H<sub>23</sub>ClO<sub>4</sub>S            LMS Code: 004            Tolerances: revoked  <u>Alternate Names:</u>            9CI 2-chloroethyl 2-(4-(1,1-dimethylethyl)=phenoxy)-1-methylethyl sulfite            Other aramite            Trade Aracide                  Aramite                  Niagaramite</p>
<p><b>ampropylfos</b> <span style="float: right;"><b>16606-64-7</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>3</sub>H<sub>10</sub>NO<sub>3</sub>P            LMS Code:</p>	

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<p><b>arsanilic acid</b> <span style="float: right;"><b>98-50-0</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: C6H8AsNO3            LMS Code:            Tolerances: 180.550  <u>Alternate Names:</u>            9CI (4-aminophenyl)arsonic acid            Other arsanilic acid</p>	<p><b>azafenidin</b> <span style="float: right;"><b>68049-83-2</b></span>            Use: herbicide            Category: parent            Mol. Form.: C15H13Cl2N3O2            LMS Code: B33            Tolerances: pending  <u>Alternate Names:</u>            9CI 2-(2,4-dichloro-5-(2-propynyloxy)phenyl)-5,6,7,8-tetrahydro-1,2,4-triazolo(4,3-a)pyridin-3(2H)-one            ANSI azafenidin            ISO azafenidin            IUPAC 2-(2,4-dichloro-5-prop-2-ynyloxyphenyl)-5,6,7,8-tetrahydro-1,2,4-triazolo[4,3-a]pyridin-3(2H)-one            Other DPX-R6447            Trade Milestone</p>
<p><b>arsenic acid</b> <span style="float: right;"><b>7778-39-4</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: AsH3O4            LMS Code: 133            Tolerances: revoked  <u>Alternate Names:</u>            9CI arsenic acid            Other arsenic acid, o-orthoarsenic acid            Trade Crab Grass Killer            Desiccant L-10            Hi-Yield Desiccant H-10            Zotox</p>	<p><b>azimsulfuron</b> <span style="float: right;"><b>120162-55-2</b></span>            Use: herbicide            Category: parent            Mol. Form.: C13H16N10O5S            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI N-(((4,6-dimethoxy-2-pyrimidinyl)amino)=carbonyl)-1-methyl-4-(2-methyl-2H-tetrazol-5-yl)-1H-pyrazole-5-sulfonamide            ANSI azimsulfuron            ISO azimsulfuron            IUPAC 1-(4,6-dimethoxypyrimidin-2-yl)-3-[1-methyl-4-(2-methyl-2H-tetrazol-5-yl)pyrazol-5-ylsulfonyl]urea            Other DPXA 8947            IN-A8947</p>
<p><b>asulam</b> <span style="float: right;"><b>3337-71-1</b></span>            Use: herbicide            Category: parent            Mol. Form.: C8H10N2O4S            LMS Code:            Tolerances: 180.360, foreign use  <u>Alternate Names:</u>            9CI methyl ((4-aminophenyl)sulfonyl)=carbamate            ANSI asulam            ISO asulam            IUPAC methyl sulfanilylcarbamate            Trade Asulox</p>	<p><b>azinphos-ethyl</b> <span style="float: right;"><b>2642-71-9</b></span>            Use: insecticide            Category: parent            Mol. Form.: C12H16N3O3PS2            LMS Code: 547            Tolerances: foreign use  <u>Alternate Names:</u>            9CI O,O-diethyl S-((4-oxo-1,2,3-benzotriazin-3-(4H)-yl)methyl) phosphorodithioate            ISO azinphos-ethyl            IUPAC S-(3,4-dihydro-4-oxobenzo[d]-[1,2,3]-triazin-3-ylmethyl) O,O-diethyl phosphorodithioate            Other triazothion            Trade Ethyl Guthion</p>
<p><b>Atonik G</b> <span style="float: right;"><b>67233-85-6</b></span>            Use:            Category: parent            Mol. Form.: C7H7NO4•Na            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI sodium 2-methoxy-5-nitrophenol            Other 5-nitroguaiacol sodium salt            sodium 2-methoxy-5-nitrophenoxide            sodium 5-nitroguaiacolate            Trade Atonik G</p>	<p><b>azinphos-methyl</b> <span style="float: right;"><b>86-50-0</b></span>            Use: insecticide            Category: parent            Mol. Form.: C10H12N3O3PS2            LMS Code: 042            Tolerances: 180.154, foreign use  <u>Alternate Names:</u>            9CI O,O-dimethyl S-((4-oxo-1,2,3-benzotriazin-3-(4H)-yl)methyl) phosphorodithioate            ISO azinphos-methyl            IUPAC S-(3,4-dihydro-4-oxobenzo[d]-[1,2,3]-triazin-3-ylmethyl) O,O-dimethyl phosphorodithioate            Other BAY 17147            Trade Guthion</p>
<p><b>atrazine</b> <span style="float: right;"><b>1912-24-9</b></span>            Use: herbicide            Category: parent            Mol. Form.: C8H14ClN5            LMS Code: 305            Tolerances: 180.220, foreign use  <u>Alternate Names:</u>            9CI 6-chloro-N-ethyl-N'-(1-methylethyl)-1,3,5-triazine-2,4-diamine            ANSI atrazine            ISO atrazine            IUPAC 6-chloro-N2-ethyl-N4-isopropyl-1,3,5-triazine-2,4-diamine            Trade Aatrex            Atranex            Atratol            Gesaprim</p>	

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### aziprotryn 4658-28-0

Use: herbicide  
 Category: parent  
 Mol. Form.: C7H11N7S  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 4-azido-N-(1-methylethyl)-6-(methylthio)-1,3,5-triazin-2-amine  
 IUPAC 4-azido-N-isopropyl-6-methylthio-1,3,5-triazin-2-ylamine  
 Other aziprotryn  
 aziprotryne  
 Trade Brasoran  
 Mesoramil

### azocyclotin 41083-11-8

Use: insecticide  
 Category: parent  
 Mol. Form.: C20H35N3Sn  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 1-(tricyclohexylstannyl)-1H-1,2,4-triazole  
 ISO azocyclotin  
 IUPAC tri(cyclohexyl)-1H-1,2,4-triazol-1-yltin  
 Other BAY-BUE 1452  
 tricyclotin  
 Trade Peropal

### azoluron 4058-90-6

Use: plant growth regulator  
 Category: parent  
 Mol. Form.: C12H14N4O  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI N-(1-ethyl-1H-pyrazol-5-yl)-N'-phenylurea  
 ISO azoluron

### azoxystrobin

Use: fungicide  
 Category: parent  
 Mol. Form.: C22H17N3O5  
 LMS Code: B48  
 Tolerances: 180.507  
Alternate Names:  
 9CI methyl (a)-2-[[6-(2-cyanophenoxy)-4-pyrimidinyl]oxy]-a-(methoxy=methylene)benzeneacetate  
 IUPAC methyl 2-{2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]phenyl}-3-methoxyacrylate  
 Other azoxystrobin

### azoxystrobin E-isomer 131860-33-8

Use: fungicide  
 Category: parent  
 Mol. Form.: C22H17N3O5  
 LMS Code: B50  
 Tolerances: 180.507  
Alternate Names:  
 9CI methyl 2-((6-(2-cyanophenoxy)-4-pyrimidinyl)oxy)- $\alpha$ -(methoxy=methylene)benzeneacetate, (E)-  
 ISO azoxystrobin  
 IUPAC methyl (E)-2-(2-(6-(2-cyanophenoxy)=pyrimidin-4-yloxy)phenyl)-3-methoxyacrylate

Other azoxystrobin  
 azoxystrobin E-isomer  
 ICIA5504

### azoxystrobin Z-isomer 143130-94-3

Use:  
 Category: parent  
 Mol. Form.: C22H17N3O5  
 LMS Code: B49  
 Tolerances: 180.507  
Alternate Names:  
 9CI 2-((6-(2-cyanophenoxy)-4-pyrimidinyl)oxy)- $\alpha$ -(methoxymethylene)-benzeneacetic acid, methyl ester, (Z)-  
 Other azoxystrobin Z-isomer  
 methyl (Z)-2-(2-(6-(2-cyanophenoxy)=pyrimidin-4-yloxy)phenyl)-3-methoxyacrylate  
 methyl-2-((6-(2-cyanophenoxy)-4-pyrimidinyl)oxy)- $\alpha$ -(methoxy=methylene)benzeneacetate, (Z)-  
 R230310

## B

### Bacillus thuringiensis 68038-71-1

Use: insecticide  
 Category: parent  
 Mol. Form.:  
 LMS Code: 110  
 Tolerances: pending, foreign use  
Alternate Names:  
 Other Bacillus thuringiensis  
 Bacillus thuringiensis berliner  
 Trade Acrobe  
 B 401  
 Bactimos  
 Bactis  
 Dipel  
 Foray  
 Gnatrol  
 Javelin  
 Thuricide  
 Vectobac

### barban 101-27-9

Use: herbicide  
 Category: parent  
 Mol. Form.: C11H9Cl2NO2  
 LMS Code: 716  
 Tolerances: 180.268  
Alternate Names:  
 9CI 4-chloro-2-butynyl (3-chlorophenyl)=carbamate  
 ANSI barban  
 ISO barban  
 IUPAC 4-chlorobut-2-ynyl 3-chlorocarbanilate  
 Other barbamate  
 chlorinat  
 Trade Carbyne  
 Caryne  
 Neoban



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<p><b>BAS 670 H</b> <span style="float: right;"><b>210631-68-8</b></span>            Use: parent            Category: parent            Mol. Form.:            LMS Code:            Tolerances: pending  <u>Alternate Names:</u>            9CI (3-(4,5-dihydro-isoxazol-3-yl)-4-methane-sulfonyl-2-methylphenyl)-(5-hydroxy-1-methyl-1H-pyrazol-4-yl)methanone            Other BAS 670 H</p>	<p><b>benazolin-ethyl</b> <span style="float: right;"><b>25059-80-7</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>11</sub>H<sub>10</sub>CINO<sub>3</sub>S            LMS Code:            Tolerances:  <u>Alternate Names:</u>            ANSI benazolin ethyl ester            Other 4-chloro-2-oxo-3(2H)-benzothiazole acetic acid ethyl ester            4-chloro-2-oxo-3-benzothiazolineacetic acid, ethyl ester            benazolin-ethyl            ethyl 4-chloro-2-oxo-3(2H)-benzothiazoleacetate</p>
<p><b>basic copper carbonate</b> <span style="float: right;"><b>12069-69-1</b></span>            Use: fungicide            Category: parent            Mol. Form.: CH<sub>2</sub>Cu<sub>2</sub>O<sub>5</sub>            LMS Code: 018            Tolerances: 180.136  <u>Alternate Names:</u>            9CI (carbonato(2-))dihydroxydicopper            Other basic copper carbonate            copper carbonate hydroxide            cupric carbonate, basic            cupric subcarbonate            malachite</p>	<p><b>bendiocarb</b> <span style="float: right;"><b>22781-23-3</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>11</sub>H<sub>13</sub>NO<sub>4</sub>            LMS Code: 658            Tolerances: 180.530, temporary, foreign  <u>Alternate Names:</u>            9CI 2,2-dimethyl-1,3-benzodioxol-4-ol methylcarbamate            ANSI bendiocarb            ISO 2,2-dimethyl-1,3-benzodioxol-4-yl methylcarbamate            bendiocarb            IUPAC 2,2-dimethyl-1,3-benzodioxol-4-yl methylcarbamate            Other 2,3-isopropylidenedioxyphenyl methylcarbamate            Trade Ficam            Garvox            Multamat</p>
<p><b>basic zinc sulfate</b> <span style="float: right;"><b>68813-94-5</b></span>            Use: fungicide            Category: parent            Mol. Form.:            LMS Code:            Tolerances: revoked  <u>Alternate Names:</u>            Other basic zinc sulfate</p>	<p><b>benfluralin</b> <span style="float: right;"><b>1861-40-1</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>13</sub>H<sub>16</sub>F<sub>3</sub>N<sub>3</sub>O<sub>4</sub>            LMS Code: 191            Tolerances: 180.208, foreign use  <u>Alternate Names:</u>            9CI N-butyl-N-ethyl-2,6-dinitro-4-(trifluoromethyl)benzenamine            ISO benfluralin            IUPAC N-butyl-N-ethyl-<math>\alpha</math>, <math>\alpha</math>, <math>\alpha</math>-trifluoro-2,6-dinitro-p-toluidine            Other benefin            bethrodine            Trade Balan            Binnell            Quilan</p>
<p><b>benalaxyl</b> <span style="float: right;"><b>71626-11-4</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>20</sub>H<sub>23</sub>NO<sub>3</sub>            LMS Code: B45            Tolerances: foreign use  <u>Alternate Names:</u>            9CI methyl N-(2,6-dimethylphenyl)-N-(phenylacetyl)-DL-alanine            ISO benalaxyl            IUPAC methyl N-phenylacetyl-N-2,6-xylyl-DL-alaninate            Other M9834            Trade Galben            Tairel</p>	<p><b>benazolin</b> <span style="float: right;"><b>3813-05-6</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>9</sub>H<sub>6</sub>CINO<sub>3</sub>S            LMS Code: 832            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 4-chloro-2-oxo-3(2H)-benzothiazoleacetic acid            ANSI benazolin            ISO benazolin            IUPAC 4-chloro-2,3-dihydro-2-oxobenzothiazol-3-ylacetic acid            Trade Benzar            BTS-7693            Cornox            Cresopur            Eunasin</p>

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### benfuracarb 82560-54-1

Use: insecticide  
 Category: parent  
 Mol. Form.: C20H30N2O5S  
 LMS Code:  
 Tolerances: foreign use

Alternate Names:

9CI ethyl N-((((2,3-dihydro-2,2-dimethyl-7-benzofuranyl)oxy)carbonyl)methylamino)thio]-N-(1-methylethyl)-β-alaninate

ISO benfuracarb

IUPAC ethyl N-[2,3-dihydro-2,2-dimethylbenzofuran-7-yloxy)carbonyl(methyl)aminothio]-N-isopropyl-β-alaninate

Other aminofuracarb  
 aminosulfan  
 OK 174

Trade Oncol

### benodanil 15310-01-7

Use: fungicide  
 Category: parent  
 Mol. Form.: C13H10INO  
 LMS Code: A04  
 Tolerances: foreign use

Alternate Names:

9CI 2-iodo-N-phenylbenzamide

ISO benodanil

IUPAC 2-iodobenzanilide

Trade Calirus

### benomyl 17804-35-2

Use: fungicide  
 Category: parent  
 Mol. Form.: C14H18N4O3  
 LMS Code: 192  
 Tolerances: 180.294, 185.350, 186.350, foreign use

Alternate Names:

9CI methyl (1-((butylamino)carbonyl)-1H-benzimidazol-2-yl)carbamate

ANSI benomyl

ISO benomyl

IUPAC methyl 1-((butylcarbamoyl)benzimidazol-2-yl)carbamate

Trade Benlate

### benoxacor 98730-04-2

Use: herbicide safener  
 Category: parent  
 Mol. Form.: C11H11Cl2NO2  
 LMS Code: A05  
 Tolerances: 180.460, foreign use

Alternate Names:

9CI 4-(dichloroacetyl)-3,4-dihydro-3-methyl-2H-1,4-benzoxazine

ISO benoxacor

IUPAC 4-dichloroacetyl-3,4-dihydro-3-methyl-2H-1,4-benzoxazine, (RS)-

Other CGA-154281

### bensulfuron methyl ester 83055-99-6

Use: herbicide  
 Category: parent  
 Mol. Form.: C16H18N4O7S  
 LMS Code:  
 Tolerances: 180.445, foreign use

Alternate Names:

9CI methyl 2-((((4,6-dimethoxy-2-pyrimidinyl)amino)carbonyl)amino)sulfonyl)methylbenzoate

ANSI bensulfuron methyl ester

ISO bensulfuron-methyl

Other DPX-F5384

Trade Londax

### bensulide 741-58-2

Use: herbicide  
 Category: parent  
 Mol. Form.: C14H24NO4PS3  
 LMS Code: 239  
 Tolerances: 180.241, foreign use

Alternate Names:

9CI O,O-bis(1-methylethyl) S-(2-((phenylsulfonyl)amino)ethyl) phosphorodithioate

ISO bensulide

IUPAC O,O-di-isopropyl S-2-phenylsulfonylaminoethyl phosphorodithioate

Other S-(O,O-diisopropyl phosphorodithioate) of N-(2-mercaptoethyl) benzene-sulfonamide

Trade Betasan

Prefar

### bensultap 17606-31-4

Use: insecticide  
 Category: parent  
 Mol. Form.: C17H21NO4S4  
 LMS Code:  
 Tolerances: foreign use

Alternate Names:

9CI S,S'-(2-(dimethylamino)-1,3-propanediyl) bis(benzenesulfonothioate)

ISO bensultap

IUPAC S,S'-2-dimethylaminotrimethylene di(benzenethiosulfonate)

Trade Bancol

Ruban

### bentazon 25057-89-0

Use: herbicide  
 Category: parent  
 Mol. Form.: C10H12N2O3S  
 LMS Code: 758  
 Tolerances: 180.355, 186.375, foreign use

Alternate Names:

9CI 3-(1-methylethyl)-1H-2,1,3-benzothiadiazin-4(3H)-one 2,2-dioxide

ANSI bentazon

ISO bentazone

IUPAC 3-isopropyl-1H-2,1,3-benzothiadiazin-4(3H)-one 2,2-dioxide

Other bendioxide

Trade Basagran

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<p><b>benzadox</b> <span style="float: right;"><b>5251-93-4</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>9</sub>H<sub>9</sub>NO<sub>4</sub>            LMS Code:            Tolerances: revoked  <u>Alternate Names:</u>            9CI ((benzoylamino)oxy)acetic acid            IUPAC benzamido-oxyacetic acid            Other benzadox            Trade Topcide</p>	<p>ISO benzoylprop-ethyl            IUPAC ethyl N-benzoyl-N-(3,4-dichlorophenyl)-DL-alaninate            Other endaven            Trade Suffix</p>
<p><b>benzamacril</b> <span style="float: right;"><b>127087-86-9</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>12</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 2-cyano-3-(methyl(phenylmethyl)amino)-2-propenoic acid            ISO benzamacril            IUPAC 2-cyano-3-(N-methylbenzylamino)acrylic acid</p>	<p><b>benzthiazuron</b> <span style="float: right;"><b>1929-88-0</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>9</sub>H<sub>9</sub>N<sub>3</sub>O<sub>3</sub>            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI N-2-benzothiazolyl-N'-methylurea            ISO benzthiazuron            IUPAC 1-(1,3-benzothiazol-2-yl)-3-methylurea            Trade Gatnon</p>
<p><b>benzofenap</b> <span style="float: right;"><b>82692-44-2</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>22</sub>H<sub>20</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>3</sub>            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2-((4-(2,4-dichloro-3-methylbenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl)oxy)-1-(4-methylphenyl)ethanone            ISO benzofenap            IUPAC 2-[4-(2,4-dichloro-m-toluoyl)-1,3-dimethylpyrazol-5-yloxy]-4'-methylacetophenone            Trade Yukawide</p>	<p><b>bethoxazin</b> <span style="float: right;"><b>163269-30-5</b></span>            Use: fungicide/algicide            Category: parent            Mol. Form.: C<sub>11</sub>H<sub>9</sub>NO<sub>2</sub>S<sub>2</sub>            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 3-benzo(b)thien-2-yl-5,6-dihydro-1,4,2-oxathiazine 4-oxide            ISO bethoxazin            IUPAC 3-benzo(b)thien-2-yl-5,6-dihydro-1,4,2-oxathiazine 4-oxide</p>
<p><b>benzoximate</b> <span style="float: right;"><b>29104-30-1</b></span>            Use: acaricide            Category: parent            Mol. Form.: C<sub>18</sub>H<sub>18</sub>ClNO<sub>5</sub>            LMS Code: 849            Tolerances: foreign use  <u>Alternate Names:</u>            9CI benzoic 3-chloro-N-ethoxy-2,6-dimethoxybenzimidic anhydride            ISO benzoximate            IUPAC 3-chloro-<math>\alpha</math>-ethoxyimino-2,6-dimethoxybenzyl benzoate ethyl O-benzoyl-3-chloro-2,6-dimethoxybenzohydroximate            Other benzomate benzoxamate Mitrazon            Trade Citrazon</p>	<p><b>BHC</b> <span style="float: right;"><b>608-73-1</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>6</sub>H<sub>6</sub>Cl<sub>6</sub>            LMS Code: 006            Tolerances: revoked  <u>Alternate Names:</u>            9CI 1,2,3,4,5,6-hexachlorocyclohexane            ISO BHC HCH            IUPAC 1,2,3,4,5,6-hexachlorocyclohexane            Other benzene hexachloride</p>
<p><b>benzoylprop-ethyl</b> <span style="float: right;"><b>22212-55-1</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>18</sub>H<sub>17</sub>Cl<sub>2</sub>NO<sub>3</sub>            LMS Code: 680            Tolerances: foreign use  <u>Alternate Names:</u>            9CI ethyl N-benzoyl-N-(3,4-dichlorophenyl)-DL-alaninate</p>	<p><b>bifenazate</b> <span style="float: right;"><b>149877-41-8</b></span>            Use: acaricide            Category: parent            Mol. Form.: C<sub>17</sub>H<sub>20</sub>N<sub>2</sub>O<sub>3</sub>            LMS Code:            Tolerances: 180.572  <u>Alternate Names:</u>            9CI 1-methylethyl 2-[4-methoxy-(1,1'-biphenyl)-3-yl]hydrazinecarboxylate            ANSI bifenazate            ISO bifenazate            IUPAC isopropyl 2-(4-methoxybiphenyl-3-yl)hydrazinoformate            Other 1-methylethyl 2-[4-methoxy-(1,1'-biphenyl)-3-yl]hydrazinecarboxylic acid ester            D23-01            D2341            UCC-D2341            Trade Floramite</p>

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<p><b>bifenoX</b> <span style="float: right;"><b>42576-02-3</b></span>            Use: herbicide            Category: parent            Mol. Form.: C12H9Cl2NO5            LMS Code: 728            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate            ANSI bifenoX            IUPAC methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate            Trade Modown</p>	<p><b>bioresmethrin</b> <span style="float: right;"><b>28434-01-7</b></span>            Use: insecticide            Category: parent            Mol. Form.: C22H26O3            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI (5-(phenylmethyl)-3-furanyl)methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate            ISO bioresmethrin            IUPAC 5-benzyl-3-furylmethyl (1R,3R)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate            Other resmethrin isomer</p>
<p><b>bifenthrin</b> <span style="float: right;"><b>82657-04-3</b></span>            Use: insecticide            Category: parent            Mol. Form.: C23H22ClF3O2            LMS Code: 930            Tolerances: 180.442, foreign use  <u>Alternate Names:</u>            9CI (2-methyl(1,1'-biphenyl)-3-yl)methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropane-carboxylate            ANSI bifenthrin            ISO bifenthrin            IUPAC 2-methylbiphenyl-3-ylmethyl (Z)-(1RS,3RS)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate            Other biphenthrin            FMC 54800            Trade Biphenate            Brigade            Capture            Talstar</p>	<p><b>biphenyl</b> <span style="float: right;"><b>92-52-4</b></span>            Use: fungicide            Category: parent            Mol. Form.: C12H10            LMS Code: 007            Tolerances: revoked  <u>Alternate Names:</u>            9CI 1,1'-biphenyl            ISO biphenyl            Other diphenyl            phenylbenzene</p>
<p><b>bilanafos</b> <span style="float: right;"><b>35597-43-4</b></span>            Use: herbicide            Category: parent            Mol. Form.: C11H22N3O6P            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 4-(hydroxymethylphosphinyl)-L-2-aminobutanoyl-L-alanyl-L-alanine            ISO bilanafos            IUPAC 4-[hydroxy(methyl)phosphinoyl]-L-homoalanyl-L-alanyl-L-alanine</p>	<p><b>bis(trichloromethyl)disulfide</b> <span style="float: right;"><b>15110-08-4</b></span>            Use:            Category: impurity            Mol. Form.: C2Cl6S2            LMS Code:            Tolerances: 180.103, 185.500  <u>Alternate Names:</u>            9CI bis(trichloromethyl)disulfide            Other captan impurity</p>
<p><b>binapacryl</b> <span style="float: right;"><b>485-31-4</b></span>            Use: insecticide            Category: parent            Mol. Form.: C15H18N2O6            LMS Code: 335            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2-(1-methylpropyl)-4,6-dinitrophenyl 3-methyl-2-butenate            ANSI binapacryl            ISO binapacryl            IUPAC 2-sec-butyl-4,6-dinitrophenyl 3-methylcrotonate            Trade Acricid            Ambox            Morocide</p>	<p><b>bispyribac-sodium</b> <span style="float: right;"><b>125401-92-5</b></span>            Use: herbicide            Category: parent            Mol. Form.: C19H17N4O8•Na            LMS Code:            Tolerances: 180.577  <u>Alternate Names:</u>            9CI sodium 2,6-bis[(4,6-dimethoxy-2-pyrimidinyl)oxy]benzoate            ISO bispyribac-sodium            IUPAC sodium 2,6-bis(4,6-dimethoxypyrimidin-2-yloxy)benzoate            Other KIH-2023            V-10029            Trade Regiment</p>
<p><b>bitertanol</b> <span style="float: right;"><b>55179-31-2</b></span>            Use: fungicide            Category: parent            Mol. Form.: C20H23N3O2            LMS Code: 850            Tolerances: 180.457, 185.---, 186.---, foreign use  <u>Alternate Names:</u>            9CI β-(1,1'-biphenyl)-4-yloxy-α-(1,1-dimethyl-ethyl)-1H-1,2,4-triazole-1-ethanol            ISO bitertanol            IUPAC 1-(biphenyl-4-yloxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)butan-2-ol (20:80 ratio of (1RS,2RS) and (1RS,2SR) isomers)            Other biloxazol            Trade Baycor</p>	

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<p><b>blasticidin S</b> <span style="float: right;"><b>2079-00-7</b></span></p> <p>Use: fungicide            Category: parent            Mol. Form.: C17H26N8O5            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 4-((3-amino-5-(aminoiminomethyl)=methylamino)-1-oxopentyl)amino)-1-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1,2,3,4-tetrahydro-β-D-erythro-hex-2-enopyranuronic acid            IUPAC 1-(4-amino-1,2-dihydro-2-oxopyrimidin-1-yl)-4-((S)-3-amino-5-(1-methylguanidino)valeramido)-1,2,3,4-tetrahydro-β-D-erythro-hex-2-enopyranuronic acid            Other blasticidin S                  blasticidin-S</p>	<p><b>bromobutide</b> <span style="float: right;"><b>74712-19-9</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C15H22BrNO            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2-bromo-3,3-dimethyl-N-(1-methyl-1-phenylethyl)butanamide            IUPAC 2-bromo-N-(α,α-dimethylbenzyl)-3,3-dimethylbutyramide, (RS)-            Other bromobutide            Trade Sumiherb</p>
<p><b>boscalid</b> <span style="float: right;"><b>188425-85-6</b></span></p> <p>Use: fungicide            Category: parent            Mol. Form.: C18H12Cl2N2O            LMS Code:            Tolerances: 180.589  <u>Alternate Names:</u>            9CI 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-3-pyridinecarboxamide            ISO boscalid            IUPAC 2-chloro-N-(4'-chlorobiphenyl-2-yl)nicotinamide            Other BAS 510 F</p>	<p><b>bromofenoxim</b> <span style="float: right;"><b>13181-17-4</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C13H7Br2N3O6            LMS Code: 851            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 3,5-dibromo-4-hydroxybenzaldehyde O-(2,4-dinitrophenyl)oxime            ISO bromofenoxim            IUPAC 3,5-dibromo-4-hydroxybenzaldehyde 2,4-dinitrophenyloxime            Trade Faneron</p>
<p><b>bromacil</b> <span style="float: right;"><b>314-40-9</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C9H13BrN2O2            LMS Code: 153            Tolerances: 180.210, foreign use  <u>Alternate Names:</u>            9CI 5-bromo-6-methyl-3-(1-methylpropyl)-2,4(1H,3H)-pyrimidinedione            ANSI bromacil            ISO bromacil            IUPAC 5-bromo-3-sec-butyl-6-methyluracil            Trade Hyvar X</p>	<p><b>bromophos</b> <span style="float: right;"><b>2104-96-3</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C8H8BrCl2O3PS            LMS Code: 606            Tolerances: foreign use  <u>Alternate Names:</u>            9CI O-(4-bromo-2,5-dichlorophenyl) O,O-dimethyl phosphorothioate            ISO bromophos            IUPAC O-4-bromo-2,5-dichlorophenyl O,O-dimethyl phosphorothioate            Trade Brofene                  Nexion</p>
<p><b>bromadiolone</b> <span style="float: right;"><b>28772-56-7</b></span></p> <p>Use: rodenticide            Category: parent            Mol. Form.: C30H23BrO4            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 3-[3-(4'-bromo[1,1'-biphenyl]-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxy-2H-1-benzopyran-2-one            ISO bromadiolone            IUPAC 3-[3-(4'-bromobiphenyl-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxycoumarin            Other bromadiolone            Trade Boldo                  LM-637                  Maki                  Super-caid</p>	<p><b>bromophos-ethyl</b> <span style="float: right;"><b>4824-78-6</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C10H12BrCl2O3PS            LMS Code: 602            Tolerances: foreign use  <u>Alternate Names:</u>            9CI O-(4-bromo-2,5-dichlorophenyl) O,O-diethyl phosphorothioate            ISO bromophos-ethyl            IUPAC O-4-bromo-2,5-dichlorophenyl O,O-diethyl phosphorothioate            Trade Filariol                  Nexagan</p>



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### **bromopropylate** **18181-80-1**

Use: insecticide  
 Category: parent  
 Mol. Form.: C17H16Br2O3  
 LMS Code: 523  
 Tolerances: foreign use  
Alternate Names:  
 9CI 1-methylethyl 4-bromo- $\alpha$ -(4-bromo-phenyl)- $\alpha$ -hydroxybenzeneacetate  
 ANSI bromopropylate  
 ISO bromopropylate  
 IUPAC isopropyl 4,4'-dibromobenzilate  
 Other GS-19851  
 Trade Acarol  
 Neoron

### **bromoxynil** **1689-84-5**

Use: herbicide  
 Category: parent  
 Mol. Form.: C7H3Br2NO  
 LMS Code: 729  
 Tolerances: 180.324, foreign use  
Alternate Names:  
 9CI 3,5-dibromo-4-hydroxybenzotrile  
 ANSI bromoxynil  
 ISO bromoxynil  
 IUPAC 3,5-dibromo-4-hydroxybenzotrile  
 Trade Brominil  
 Bucril

### **bromuconazole** **116255-48-2**

Use: fungicide  
 Category: parent  
 Mol. Form.: C13H12BrCl2N3O  
 LMS Code: B20  
 Tolerances: under review  
Alternate Names:  
 9CI 1-((4-bromo-2-(2,4-dichlorophenyl)tetrahydro-2-furanyl)methyl)-1H-1,2,4-triazole  
 ISO bromuconazole  
 IUPAC 1-[(2RS,4RS:2RS,4SR)-4-bromo-2-(2,4-dichlorophenyl)tetrahydrofurfuryl]-1H-1,2,4-triazole  
 Other LS 860263

### **bromuron** **3408-97-7**

Use: herbicide  
 Category: parent  
 Mol. Form.: C9H11BrN2O  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI N'-(4-bromophenyl)-N,N-dimethylurea  
 ISO bromuron  
 Other bromfenuron

### **bufencarb** **8065-36-9**

Use: insecticide  
 Category: parent  
 Mol. Form.: C13H19NO2  
 LMS Code: 193  
 Tolerances: revoked  
Alternate Names:  
 9CI 3-(1-ethylpropyl)phenyl methylcarbamate mixture with 3-(1-methylbutyl)phenyl methylcarbamate  
 ANSI bufencarb

ISO bufencarb  
 IUPAC reaction product in which the main components are 3-(1-methylbutyl)phenyl methylcarbamate and 3-(1-ethylpropyl)methyl methylcarbamate  
 Trade Bux

### **Bulan** **117-26-0**

Use: insecticide  
 Category: parent  
 Mol. Form.: C16H15Cl2NO2  
 LMS Code: 818  
 Tolerances: none  
Alternate Names:  
 9CI 1,1'-(2-nitrobutylidene)bis(4-chlorobenzene)  
 Other 1,1-bis(4-chlorophenyl)-2-nitrobutane  
 Trade Bulan

### **buminafos** **51249-05-9**

Use: plant growth regulator  
 Category: parent  
 Mol. Form.: C18H38NO3P  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI dibutyl (1-(butylamino)cyclohexyl)phosphonate  
 IUPAC dibutyl 1-butylaminocyclohexylphosphonate  
 Other 1-butylaminocyclohexane phosphonic acid dibutyl ester  
 Trade buminafos  
 Trade Trakephon

### **bupirimate** **41483-43-6**

Use: fungicide  
 Category: parent  
 Mol. Form.: C13H24N4SO3  
 LMS Code: 872  
 Tolerances: foreign use  
Alternate Names:  
 9CI 5-butyl-2-(ethylamino)-6-methyl-4-pyrimidinyl dimethylsulfamate  
 ANSI bupirimate  
 ISO bupirimate  
 IUPAC 5-butyl-2-ethylamino-6-methylpyrimidin-4-yl dimethylsulfamate  
 Trade Nimrod

### **buprofezin** **69327-76-0**

Use: acaricide/insecticide  
 Category: parent  
 Mol. Form.: C16H23N3OS  
 LMS Code: B52  
 Tolerances: 180.511, foreign use  
Alternate Names:  
 9CI 2-((1,1-dimethylethyl)imino)tetrahydro-3-(1-methylethyl)-5-phenyl-4H-1,3,5-thiadiazin-4-one  
 ISO buprofezin  
 IUPAC 2-((1,1-dimethylethyl)imino)tetrahydro-3-(1-methylethyl)-5-phenyl-1,3,5-thiadiazin-4-one  
 Other 2-tert-butylimino-3-isopropyl-5-phenyl-1,3,5-thiadiazin-4-one  
 NNI 750  
 Trade Applaud

## FDA Glossary of Pesticide Chemicals

<p><b>butachlor</b> <span style="float: right;"><b>23184-66-9</b></span>            Use: herbicide            Category: parent            Mol. Form.: C17H26ClNO2            LMS Code: 806            Tolerances: temporary, foreign  <u>Alternate Names:</u>            9CI N-(butoxymethyl)-2-chloro-N-(2,6-diethylphenyl)acetamide            ANSI butachlor            IUPAC N-butoxymethyl-2-chloro-2',6'-diethylacetanilide            Other CP 53619            Trade Machete</p>	<p><b>butathiofos</b> <span style="float: right;"><b>90338-20-8</b></span>            Use: insecticide            Category: parent            Mol. Form.: C12H21N2O3PS            LMS Code:            Tolerances: pending  <u>Alternate Names:</u>            9CI O,O-diethyl ester O-(2-(1,1-dimethylethyl)-5-pyrimidinyl) phosphorothioate            ANSI butathiofos            ISO butathiofos            IUPAC O-2-tert-butylpyrimidin-5-yl O,O-diethyl phosphorothioate            Other butafos            Dowco 429            XRD 429</p>
<p><b>butafenacil</b> <span style="float: right;"><b>134605-64-4</b></span>            Use: herbicide            Category: parent            Mol. Form.: C20H18ClF3N2O6            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 1,1-dimethyl-2-oxo-2-(2-propenyloxy)ethyl 2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]benzoate            ISO butafenacil            IUPAC 1-(allyloxycarbonyl)-1-methylethyl 2-chloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoro=methyl)pyrimidin-1-yl]benzoate            Other 2, chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-benzoic acid 1,1-dimethyl-2-oxo-2-(2-propenyloxy)=ethyl ester            Trade CGA-276854</p>	<p><b>buthiobate</b> <span style="float: right;"><b>51308-54-4</b></span>            Use: fungicide            Category: parent            Mol. Form.: C21H28N2S2            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI butyl(4-(1,1-dimethylethyl)phenyl)methyl 3-pyridinyl-carbonimidodithioate            ISO buthiobate            IUPAC butyl 4-tert-butylbenzyl N-(3-pyridyl)dithiocarbonimidate            Trade Denmert</p>
<p><b>butam</b> <span style="float: right;"><b>35256-85-0</b></span>            Use: herbicide            Category: parent            Mol. Form.: C15H23NO            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2,2-dimethyl-N-(1-methylethyl)-N-(phenylmethyl)propanamide            ANSI butam            IUPAC N-benzyl-N-isopropylpivalamide            Other tebutam</p>	<p><b>butocarboxim</b> <span style="float: right;"><b>34681-10-2</b></span>            Use: insecticide            Category: parent            Mol. Form.: C7H14N2O2S            LMS Code: 857            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 3-(methylthio)-2-butanone O-((methylamino)carbonyl)oxime            ISO butocarboxim            IUPAC 3-(methylthio)butanone O-methylcarbamoyloxime            Trade Afiline            Drawin 755</p>
<p><b>butamifos</b> <span style="float: right;"><b>36335-67-8</b></span>            Use: herbicide            Category: parent            Mol. Form.: C13H21N2O4PS            LMS Code:            Tolerances: foreign use?  <u>Alternate Names:</u>            9CI O-ethyl O-(5-methyl-2-nitrophenyl) (1-methylpropyl)phosphoramidothioate            IUPAC O-ethyl O-5-methyl-2-nitrophenyl sec-butylphosphoramidothioate            O-ethyl O-6-nitro-m-tolyl sec-butylphosphoramidothioate            Other butamifos            metacrefos            Trade Cremart</p>	<p><b>butralin</b> <span style="float: right;"><b>33629-47-9</b></span>            Use: herbicide, growth regulator            Category: parent            Mol. Form.: C14H21N3O4            LMS Code: 960            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI 4-(1,1-dimethylethyl)-N-(1-methylpropyl)-2,6-dinitrobenzenamine            ANSI butralin            ISO butralin            IUPAC N-sec-butyl-4-tert-butyl-2,6-dinitroaniline            Other dibutalin            Trade Amex            Sector</p>

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**butylate** **2008-41-5**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>11</sub>H<sub>23</sub>NOS  
 LMS Code: 783  
 Tolerances: 180.232, foreign use  
Alternate Names:  
 9CI S-ethyl bis(2-methylpropyl)carbamoithioate  
 ISO butylate  
 IUPAC S-ethyl di-isobutylthiocarbamate  
 Other S-ethyl diisobutylthiocarbamate  
 Trade Sutan

### C

**cacodylic acid** **75-60-5**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>2</sub>H<sub>7</sub>AsO<sub>2</sub>  
 LMS Code:  
 Tolerances: 180.311  
Alternate Names:  
 9CI dimethylarsinic acid  
 IUPAC dimethylarsinic acid  
 Other cacodylic acid

**cadusafos** **95465-99-9**  
 Use: soil insecticide  
 Category: parent  
 Mol. Form.: C<sub>10</sub>H<sub>23</sub>O<sub>2</sub>PS<sub>2</sub>  
 LMS Code: 953  
 Tolerances: 180.461, foreign use  
Alternate Names:  
 9CI O-ethyl S,S-bis(1-methylpropyl)phosphorodithioate  
 ANSI cadusafos  
 ISO cadusafos  
 IUPAC S,S-di-sec-butyl O-ethyl phosphorodithioate  
 Other ebufos  
 FMC 67825  
 Trade Apache  
 Rugby  
 Taredan

**cafenstrole** **125306-83-4**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>16</sub>H<sub>22</sub>N<sub>4</sub>O<sub>3</sub>S  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI N,N-diethyl-3-((2,4,6-trimethylphenyl)sulfonyl)-1H-1,2,4-triazole-1-carboxamide  
 ISO cafenstrole  
 IUPAC N,N-diethyl-3-mesitylsulfonyl-1H-1,2,4-triazole-1-carboxamide  
 Other CH-900

**calcium arsenate** **7778-44-1**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: Ca<sub>3</sub>(AsO<sub>4</sub>)<sub>2</sub>  
 LMS Code: 008  
 Tolerances: revoked, foreign use  
Alternate Names:  
 9CI arsenic acid (H<sub>3</sub>AsO<sub>4</sub>) calcium salt (2:3)  
 calcium arsenate (3:2)  
 Other calcium arsenate  
 tricalcium arsenate

**calcium cyanide** **592-01-8**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: Ca(CN)<sub>2</sub>  
 LMS Code: 009  
 Tolerances: revoked  
Alternate Names:  
 9CI calcium cyanide  
 IUPAC calcium cyanide  
 Trade Cyanogas

**captafol** **2939-80-2**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>10</sub>H<sub>9</sub>Cl<sub>4</sub>N<sub>2</sub>O<sub>2</sub>S  
 LMS Code: 174  
 Tolerances: 180.267, foreign use  
Alternate Names:  
 9CI 3a,4,7,7a-tetrahydro-2-((1,1,2,2-tetrachloroethyl)thio)-1H-isoindole-1,3(2H)-dione  
 ANSI captafol  
 ISO captafol  
 IUPAC 3a,4,7,7a-tetrahydro-N-(1,1,2,2-tetra-chloroethanesulfonyl)phthalimide  
 N-(1,1,2,2-tetrachloroethylthio)cyclohex-4-ene-1,2-dicarboximide  
 Trade Difolatan

**captan** **133-06-2**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>9</sub>H<sub>8</sub>Cl<sub>3</sub>N<sub>2</sub>O<sub>2</sub>S  
 LMS Code: 011  
 Tolerances: 180.103, foreign use  
Alternate Names:  
 9CI 3a,4,7,7a-tetrahydro-2-((trichloromethyl)thio)-1H-isoindole-1,3(2H)-dione  
 ISO captan  
 IUPAC N-(trichloromethylthio)cyclohex-4-ene-1,2-dicarboximide  
 Trade Merphan  
 Orthocide  
 Vondcaptan

**carbaryl** **63-25-2**  
 Use: insecticide, growth regulator  
 Category: parent  
 Mol. Form.: C<sub>12</sub>H<sub>11</sub>NO<sub>2</sub>  
 LMS Code: 102  
 Tolerances: 180.169, 186.550, foreign use  
Alternate Names:  
 9CI 1-naphthalenyl methylcarbamate  
 ANSI carbaryl  
 ISO carbaryl  
 IUPAC 1-naphthyl methylcarbamate  
 Trade Dicarbam  
 Sevin



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### carbendazim 10605-21-7

Use: fungicide  
 Category: metabolite  
 Mol. Form.: C9H9N3O2  
 LMS Code: 666  
 Tolerances: 180.294, 180.371, 186.350, foreign use  
Alternate Names:  
 9CI methyl 1H-benzimidazol-2-ylcarbamate  
 ISO carbendazim  
 IUPAC methyl benzimidazol-2-ylcarbamate  
 methylbenzimidazole-2-ylcarbamate  
 Other benomyl metabolite  
 MBC  
 thiophanate-methyl metabolite  
 Trade Bavistin  
 Derosal

### carbetamide 16118-49-3

Use: herbicide  
 Category: parent  
 Mol. Form.: C12H16N2O3  
 LMS Code: 875  
 Tolerances: foreign use  
Alternate Names:  
 9CI N-ethyl-2-(((phenylamino)carbonyl)oxy)=  
 propanamide, (R)-  
 ANSI carbetamide  
 ISO carbetamide  
 IUPAC 1-(ethylcarbamoyl)ethyl carbanilate, (R)-  
 Trade Leguarme

### carbofuran 1563-66-2

Use: insecticide  
 Category: parent  
 Mol. Form.: C12H15NO3  
 LMS Code: 180  
 Tolerances: 180.254, 185.600, 186.600, foreign use  
Alternate Names:  
 9CI 2,3-dihydro-2,2-dimethyl-7-benzofuranyl  
 methylcarbamate  
 ANSI carbofuran  
 ISO carbofuran  
 IUPAC 2,3-dihydro-2,2-dimethylbenzofuran-7-yl  
 methylcarbamate  
 Trade Furadan

### carbon disulfide 75-15-0

Use: fumigant  
 Category: parent  
 Mol. Form.: CS2  
 LMS Code: 012  
 Tolerances: 180.467  
Alternate Names:  
 9CI carbon disulfide  
 IUPAC carbon disulfide  
 Other carbon bisulfide

### carbon tetrachloride 56-23-5

Use: fumigant  
 Category: parent  
 Mol. Form.: CCl4  
 LMS Code: 013  
 Tolerances:  
Alternate Names:  
 9CI tetrachloromethane  
 IUPAC tetrachloromethane  
 Other carbon tetrachloride

### carbophenothion 786-19-6

Use: insecticide  
 Category: parent  
 Mol. Form.: C11H16ClO2PS3  
 LMS Code: 202  
 Tolerances: revoked, revoked, revoked  
Alternate Names:  
 9CI S-(((4-chlorophenyl)thio)methyl) O,O-  
 diethyl phosphorodithioate  
 ANSI carbophenothion  
 ISO carbophenothion  
 IUPAC S-4-chlorophenylthiomethyl O,O-diethyl  
 phosphorodithioate  
 Trade Trithion

### carbosulfan 55285-14-8

Use: insecticide  
 Category: parent  
 Mol. Form.: C20H32N2O3S  
 LMS Code: 801  
 Tolerances: pending, foreign use  
Alternate Names:  
 9CI 2,3-dihydro-2,2-dimethyl-7-benzofuranyl  
 ((dibutylamino)thio)methylcarbamate  
 ANSI carbosulfan  
 ISO carbosulfan  
 IUPAC 2,3-dihydro-2,2-dimethylbenzofuran-7-yl  
 (dibutylaminothio)methylcarbamate  
 Other FMC 35001  
 Trade Advantage  
 Possee

### carboxin 5234-68-4

Use: fungicide  
 Category: parent  
 Mol. Form.: C12H13NO2S  
 LMS Code: 210  
 Tolerances: 180.301, foreign use  
Alternate Names:  
 9CI 5,6-dihydro-2-methyl-N-phenyl-1,4-  
 oxathiin-3-carboxamide  
 ANSI carboxin  
 ISO carboxin  
 IUPAC 5,6-dihydro-2-methyl-1,4-oxathi-ine-3-  
 carboxanilide  
 Other carbathiin  
 Trade Vitavax

### carfentrazone ethyl ester 128639-02-1

Use: herbicide  
 Category: parent  
 Mol. Form.: C15H14Cl2F3N3O3  
 LMS Code: B21  
 Tolerances: 180.515  
Alternate Names:  
 9CI ethyl  $\alpha$ ,2-dichloro-5-(4-(difluoro=  
 methyl)-4,5-dihydro-3-methyl-5-oxo-  
 1H-1,2,4-triazol-1-yl)-4-  
 fluorobenzenepropanoate  
 ANSI carfentrazone ethyl ester  
 ISO carfentrazone-ethyl  
 Other F8426  
 FMC 116426  
 Trade Affinity

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**carpropamid** **104030-54-8**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>15</sub>H<sub>18</sub>Cl<sub>3</sub>NO  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 2,2-dichloro-N-(1-(4-chlorophenyl)ethyl)-1-ethyl-3-methylcyclopropane-carboxamide  
 ISO carpropamid  
 IUPAC 2,2-dichloro-N-[(R or S)-1-(4-chlorophenyl)ethyl]-1-ethyl-3-methylcyclopropanecarboxamide  
 Other KTU 3616

**cartap hydrochloride** **15263-52-2**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>7</sub>H<sub>16</sub>ClN<sub>3</sub>O<sub>2</sub>S<sub>2</sub>  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI S,S'-(2-(dimethylamino)-1,3-propanediyl carbamothioate hydrochloride  
 ISO cartap hydrochloride  
 Trade Padan

**carvone** **99-49-0**  
 Use: fungicide, plant growth regulato  
 Category: parent  
 Mol. Form.: C<sub>10</sub>H<sub>14</sub>O  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 2-methyl-5-(1-methylethenyl)-2-cyclohexen-1-one  
 ISO carvone  
 IUPAC 5-isopropenyl-2-methylcyclohex-2-en-1-one  
 mentha-6,8-dien-2-one, p-  
 Other Karvon  
 Trade Talent

**chlomethoxyfen** **32861-85-1**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>13</sub>H<sub>9</sub>Cl<sub>2</sub>NO<sub>4</sub>  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 2,4-dichloro-1-(3-methoxy-4-nitrophenoxy)benzene  
 ISO chlomethoxyfen  
 IUPAC 5-(2,4-dichlorophenoxy)-2-nitroanisole  
 Other chlormethoxynil  
 Trade Condore  
 Difenex

**chloramben** **133-90-4**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>7</sub>H<sub>5</sub>Cl<sub>2</sub>NO<sub>2</sub>  
 LMS Code: 952  
 Tolerances: revoked  
Alternate Names:  
 9CI 3-amino-2,5-dichlorobenzoic acid  
 ANSI chloramben  
 ISO chloramben  
 IUPAC 3-amino-2,5-dichlorobenzoic acid  
 Other 2,5-dichloro-3-aminobenzoic acid  
 Ambiben  
 Trade Amiben  
 Amibin  
 Amoben  
 Vegiben

**chlorbenside** **103-17-3**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>13</sub>H<sub>10</sub>Cl<sub>2</sub>S  
 LMS Code: 100  
 Tolerances: revoked  
Alternate Names:  
 9CI 1-chloro-4-(((4-chlorophenyl)methyl)=thio)benzene  
 p-chlorobenzyl p-chlorophenyl sulfide  
 ISO chlorbenside  
 IUPAC 4-chlorobenzyl 4-chlorophenyl sulfide  
 Other 4-chlorobenzyl 4-chlorophenyl sulphide  
 chlorbensid  
 p-chlorobenzyl p-chlorophenyl sulphide  
 Trade Chloracide  
 Chlorparacide  
 CP 20  
 Mitox

**chlorbromuron** **13360-45-7**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>9</sub>H<sub>10</sub>BrClN<sub>2</sub>O<sub>2</sub>  
 LMS Code: 700  
 Tolerances: revoked, foreign use  
Alternate Names:  
 9CI 3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea  
 N'-(4-bromo-3-chlorophenyl)-N-methoxy-N'-methylurea  
 ISO chlorbromuron  
 IUPAC 3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea  
 Trade Bromex  
 Maloran

**chlorbufam** **1967-16-4**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>11</sub>H<sub>10</sub>ClNO<sub>2</sub>  
 LMS Code: 876  
 Tolerances: foreign use  
Alternate Names:  
 9CI 1-methyl-2-propynyl (3-chlorophenyl)-carbamate  
 ISO chlorbufam  
 IUPAC 1-methylprop-2-ynyl 3-chlorocarbanilate  
 Other BIPC

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<p><b>chlordan</b> <span style="float: right;"><b>12789-03-6</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C<sub>10</sub>H<sub>6</sub>Cl<sub>8</sub>            LMS Code: 014            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methano-1H-indene                      chlordan (technical)            ISO chlordan            IUPAC 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methanoindene            Trade Chlor Kil                  Octachlor</p>	<p><b>chlordecone</b> <span style="float: right;"><b>143-50-0</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C<sub>10</sub>H<sub>8</sub>Cl<sub>10</sub>O<sub>5</sub>            LMS Code: 328            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI 1,1a,3,3a,4,5,5a,6-decachlorooctahydro-1,3,4-metheno-2H-cyclobuta(cd)=pentalen-2-one                      decachlorooctahydro-1,3,4-metheno-2H-cyclobuta(cd)pentalen-2-one            ISO chlordecone            IUPAC perchloropentacyclo[5.3.0.02,6.03,=9.04,8]decan-5-one            Other clordecone                  Compound 1189                  decachloroketone                  decachloropentacyclo[5.2.1.02,6.03,=9.05,8]decan-4-one            Trade Kepone</p>
<p><b>chlordan, cis-</b> <span style="float: right;"><b>5103-71-9</b></span></p> <p>Use: insecticide            Category: component            Mol. Form.: C<sub>10</sub>H<sub>6</sub>Cl<sub>8</sub>            LMS Code: 173            Tolerances: revoked  <u>Alternate Names:</u>            9CI 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methano-1H-indene, (1 A, 2 A, 3a A, 4 B, 7 B, 7a A)-                  1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methano-1H-indene, (1R,2S,3aS,4S,7R,7aS)-rel-                  1A,2A,4B,5,6,7B,8,8-octachloro-3aA,4,7,7aA-tetrahydro-4,7-methanoindan            Other chlordan, alpha-chlordan, cis-chlordan, (±)-cis-chlordan, alpha-chlordan, cis-</p>	<p><b>chlordene</b> <span style="float: right;"><b>3734-48-3</b></span></p> <p>Use: insecticide            Category: component            Mol. Form.: C<sub>10</sub>H<sub>6</sub>Cl<sub>6</sub>            LMS Code: 339            Tolerances: revoked  <u>Alternate Names:</u>            9CI 4,5,6,7,8,8-hexahydro-3a,4,7,7a-tetrahydro-4,7-methano-1H-indene                  4,5,6,7,8,8-hexahydro-3a,4,7,7a-tetrahydro-4,7-methanoindene            Other chlordan component                  chlordene</p>
<p><b>chlordan, trans-</b> <span style="float: right;"><b>5103-74-2</b></span></p> <p>Use: insecticide            Category: component            Mol. Form.: C<sub>10</sub>H<sub>6</sub>Cl<sub>8</sub>            LMS Code: 172            Tolerances: revoked  <u>Alternate Names:</u>            9CI 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methano-1H-indene, (1R,2R,3aS,4S,7R,7aS)-rel-                  1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methano-1H-indene, (1 A, 2 B, 3a A, 4 B, 7 B, 7a A)-                  1B,2A,4A,5,6,7A,8,8-octachloro-3aB,4,7,7aB-tetrahydro-4,7-methanoindan            Other chlordan, beta-chlordan, trans-chlordan, (±)-trans-chlordan, beta-chlordan, gamma-chlordan, trans-</p>	<p><b>chlordene epoxide</b> <span style="float: right;"><b>6058-23-7</b></span></p> <p>Use: metabolite            Category: metabolite            Mol. Form.: C<sub>10</sub>H<sub>6</sub>Cl<sub>6</sub>O            LMS Code: 504            Tolerances: revoked  <u>Alternate Names:</u>            9CI 2,3,4,5,7,7-hexachloro-1a,1b,5,5a,6,6a-hexahydro-2,5-methano-2H-indeno(1,2-b)oxirane            Other chlordan metabolite                  chlordene epoxide</p>
<p><b>chlordimeform</b> <span style="float: right;"><b>6164-98-3</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C<sub>10</sub>H<sub>13</sub>Cl<sub>2</sub>N<sub>2</sub>            LMS Code: 278            Tolerances: revoked  <u>Alternate Names:</u>            9CI N'-(4-chloro-2-methylphenyl)-N,N-dimethylmethanimidamide                  N'-(4-chloro-o-tolyl)-N,N-dimethylformamidine            ANSI chlordimeform            ISO chlordimeform            IUPAC N2-(4-chloro-o-tolyl)-N1,N1-dimethylformamidine            Other chlorphenamidine            Trade Bermat                  Fundal                  Galecron</p>	

## FDA Glossary of Pesticide Chemicals

### chlorthoxyfos 54593-83-8

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>6</sub>H<sub>11</sub>Cl<sub>4</sub>O<sub>3</sub>PS  
 LMS Code: A15  
 Tolerances: 180.486  
Alternate Names:  
 9CI O,O-diethyl O-(1,2,2,2-tetrachloroethyl)=  
           phosphorothioate  
 ANSI chlorthoxyfos  
 ISO chlorthoxyfos  
 IUPAC O,O-diethyl O-(1,2,2,2-tetrachloroethyl)  
           phosphorothioate, (RS)-  
 Other DPX-43898  
 Trade Fortress

### chlorfenapyr 122453-73-0

Use: acaricide/insecticide  
 Category: parent  
 Mol. Form.: C<sub>15</sub>H<sub>11</sub>BrClF<sub>3</sub>N<sub>2</sub>O  
 LMS Code: B13  
 Tolerances: 180.513  
Alternate Names:  
 9CI 4-bromo-2-(4-chlorophenyl)-1-  
           (ethoxymethyl)-5-(trifluoromethyl)-  
           1H-pyrrole-3-carbonitrile  
 ANSI chlorfenapyr (prop)  
 ISO chlorfenapyr  
 IUPAC 4-bromo-2-(4-chlorophenyl)-1-  
           ethoxymethyl-5-trifluoromethyl=  
           pyrrole-3-carbonitrile  
 Other AC 303,630  
 Trade Alert  
       Pirate  
       Stalker

### chlorfenprop-methyl 14437-17-3

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>10</sub>H<sub>10</sub>Cl<sub>2</sub>O<sub>2</sub>  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI methyl α, 4-dichlorobenzenepropanoate  
 Other chlorfenprop-methyl  
           methyl (±)-2-chloro-3-(4-chlorophenyl)  
           propionate  
 Trade Bidisin  
       Fatex

### chlorfenvinphos 470-90-6

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>12</sub>H<sub>14</sub>Cl<sub>3</sub>O<sub>4</sub>P  
 LMS Code:  
 Tolerances: revoked, foreign use  
Alternate Names:  
 9CI 2-chloro-1-(2,4-dichlorophenyl)ethenyl  
           diethyl phosphate  
       2-chloro-1-(2,4-dichlorophenyl)ethenyl  
           phosphoric acid diethyl ester  
       2-chloro-1-(2,4-dichlorophenyl)vinyl  
           phosphoric acid diethyl ester  
 ISO chlorfenvinphos  
 IUPAC 2-chloro-1-(2,4-dichlorophenyl)vinyl  
           diethyl phosphate  
 Other 2,4-dichloro-α-(chloromethylene)=  
       benzyl diethyl phosphate  
       Compound 4072

Trade Birlane  
       SD 7859  
       Supona

### chlorfenvinphos, alpha- 18708-86-6

Use: insecticide  
 Category: component  
 Mol. Form.: C<sub>12</sub>H<sub>14</sub>Cl<sub>3</sub>O<sub>4</sub>P  
 LMS Code: 617  
 Tolerances: revoked  
Alternate Names:  
 9CI (1E)-2-chloro-1-(2,4-dichlorophenyl)=  
           ethenyl phosphoric acid diethyl ester  
       (E)-2-chloro-1-(2,4-dichlorophenyl)ethenyl  
           phosphoric acid diethyl ester  
       (E)-2-chloro-1-(2,4-dichlorophenyl)vinyl  
           phosphoric acid diethyl ester  
       2-chloro-1-(2,4-dichlorophenyl)ethenyl  
           diethyl phosphate, (E)-  
 ISO chlorfenvinphos, alpha-  
 Other chlorfenvinphos, (E)-  
       chlorfenvinphos, trans-  
       CVP, alpha-

### chlorfenvinphos, beta- 18708-87-7

Use: insecticide  
 Category: component  
 Mol. Form.: C<sub>12</sub>H<sub>14</sub>Cl<sub>3</sub>O<sub>4</sub>P  
 LMS Code: 616  
 Tolerances: revoked  
Alternate Names:  
 9CI (1Z)-2-chloro-1-(2,4-dichlorophenyl)=  
           ethenyl phosphoric acid diethyl ester  
       (Z)-2-chloro-1-(2,4-dichlorophenyl)ethenyl  
           phosphoric acid diethyl ester  
       (Z)-2-chloro-1-(2,4-dichlorophenyl)vinyl  
           phosphoric acid diethyl ester  
       2-chloro-1-(2,4-dichlorophenyl)ethenyl  
           diethyl phosphate, (Z)-  
 ISO chlorfenvinphos, beta-  
 Other chlorfenvinphos, cis-  
       chlorfenvinphos, Z-  
       CVP- beta

### chlorfluazuron 71422-67-8

Use: insect growth regulator  
 Category: parent  
 Mol. Form.: C<sub>20</sub>H<sub>9</sub>Cl<sub>3</sub>F<sub>5</sub>N<sub>3</sub>O<sub>3</sub>  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI N-(((3,5-dichloro-4-((3-chloro-5-(trifluoro=  
           methyl)-2-pyridinyl)oxy)phenyl)=  
           amino)carbonyl)-2,6-difluoro=  
           benzamide  
 ISO chlorfluazuron  
 IUPAC 1-[3,5-dichloro-4-(3-chloro-5-trifluoro=  
           methyl-2-pyridyloxy)phenyl]-3-(2,6-  
           difluorobenzoyl)urea  
 Other CGA-112913  
       SL-160  
 Trade Aim  
       Atabron  
       Helix  
       Jupiter

## FDA Glossary of Pesticide Chemicals

### chlorfluorecol methyl ester 2536-31-4

Use: plant growth regulator  
 Category: parent  
 Mol. Form.: C15H11ClO3  
 LMS Code: 812  
 Tolerances: temporary  
Alternate Names:  
 9CI 2-chloro-9-hydroxy-9H-fluorene-9-carboxylic acid methyl ester  
       2-chloro-9-hydroxy-fluorene-9-carboxylic acid methyl ester  
       methyl 2-chloro-9-hydroxy-9H-fluorene-9-carboxylate  
 ISO chlorflurenol-methyl  
 Other chlorfluorecol methyl ester  
       chlorflurenol methyl  
       chlorflurenol methyl ester  
       chlorflurenolmethyl  
 Trade Curbiset  
       Maintain  
       Multiprop

### chlorimuron ethyl ester 90982-32-4

Use: herbicide  
 Category: parent  
 Mol. Form.: C15H15ClN4O6S  
 LMS Code: 717  
 Tolerances: 180.429, foreign use  
Alternate Names:  
 9CI 2-[[[(4-chloro-6-methoxy-2-pyrimidinyl)=amino]carbonyl]amino]sulfonyl]=benzoic acid ethyl ester  
       ethyl 2-[[[(4-chloro-6-methoxy-2-pyrimidinyl)amino]carbonyl]amino]=sulfonyl]benzoate  
 ANSI chlorimuron ethyl ester  
 ISO chlorimuron-ethyl  
 Other DPX-F6025  
 Trade Classic

### chlormephos 24934-91-6

Use: insecticide  
 Category: parent  
 Mol. Form.: C5H12ClO2PS2  
 LMS Code: 865  
 Tolerances: foreign use  
Alternate Names:  
 9CI S-(chloromethyl) O,O-diethyl phosphorodithioate  
       S-(chloromethyl) phosphorodithioic acid O,O-diethyl ester  
 ISO chlormephos  
 IUPAC S-chloromethyl O,O-diethyl phosphorodithioate  
 Other chlormephos-ethyl  
       chlormethylfos  
       O,O-diethyl S-(chloromethyl) dithiophosphate  
       S-chloromethyl O,O-diethyl phosphorothiolothionate  
 Trade Dotan

### chlormequat chloride 999-81-5

Use: plant growth regulator  
 Category: parent  
 Mol. Form.: C5H13Cl2N  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI (2-chloroethyl)trimethylammonium chloride  
       2-chloro-N,N,N-trimethylethanaminium chloride  
 ISO chlormequat chloride  
 Other (β-chloroethyl)trimethylammonium chloride  
       chlorcholine chloride  
       chlorocholine chloride  
       trimethyl-β-chloroethylammonium chloride  
 Trade Cecece  
       Cycocel  
       Halloween

### chlornitrofen 1836-77-7

Use: herbicide  
 Category: parent  
 Mol. Form.: C12H6Cl3NO3  
 LMS Code: 381  
 Tolerances: foreign use  
Alternate Names:  
 9CI 1,3,5-trichloro-2-(4-nitrophenoxy)benzene p-nitrophenyl 2,4,6-trichlorophenyl ether  
 ISO chlornitrofen  
 IUPAC 4-nitrophenyl 2,4,6-trichlorophenyl ether  
 Other 1-nitro-4-(2,4,6-trichlorophenoxy)benzene  
       2',4',6'-trichloro-4-nitrodiphenyl ether  
       2,4,6-trichloro-4'-nitrodiphenyl ether  
       2,4,6-trichlorophenyl 4-nitrophenyl ether  
       2,4,6-trichlorophenyl p-nitrophenyl ether  
       CNP  
 Trade MO

### chlorobenzilate 510-15-6

Use: acaricide  
 Category: parent  
 Mol. Form.: C16H14Cl2O3  
 LMS Code: 015  
 Tolerances: revoked  
Alternate Names:  
 9CI 4-chloro-α-(4-chlorophenyl)-α-hydroxybenzeneacetic acid ethyl ester  
       ethyl 4-chloro-α-(4-chlorophenyl)-α-hydroxybenzeneacetate  
 ISO chlorobenzilate  
 IUPAC ethyl 4,4'-dichlorobenzilate  
 Other 4,4'-dichlorobenzilic acid ethyl ester  
       chlorbenzilat  
       chlorbenzylate  
       ethyl 4,4'-dichlorobenzilate  
 Trade Acaraben  
       Akar  
       Folbex



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<p><b>chloroform</b> <span style="float: right;"><b>67-66-3</b></span>            Use: fumigant            Category: parent            Mol. Form.: CHCl<sub>3</sub>            LMS Code: 101            Tolerances: none  <u>Alternate Names:</u>            9CI trichloromethane            Other chloroform</p>	<p>Trade Acaralate            Rospin            Rospine</p>
<p><b>chloroneb</b> <span style="float: right;"><b>2675-77-6</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>8</sub>H<sub>8</sub>Cl<sub>2</sub>O<sub>2</sub>            LMS Code: 196            Tolerances: 180.257, foreign use  <u>Alternate Names:</u>            9CI 1,4-dichloro-2,5-dimethoxybenzene            ANSI chloroneb            ISO chloroneb            IUPAC 1,4-dichloro-2,5-dimethoxybenzene            Other 2,5-dichloro-1,4-dimethoxybenzene            Trade Demosan            Tersan SP</p>	<p><b>chlorosulfamic acid</b> <span style="float: right;"><b>7778-42-9</b></span>            Use: fungicide            Category: parent            Mol. Form.: ClH<sub>2</sub>NO<sub>2</sub>S            LMS Code: 145            Tolerances: revoked  <u>Alternate Names:</u>            9CI sulfamoyl chloride            Other chlorosulfamic acid</p>
<p><b>chlorophacinone</b> <span style="float: right;"><b>3691-35-8</b></span>            Use: rodenticide            Category: parent            Mol. Form.: C<sub>23</sub>H<sub>15</sub>ClO<sub>3</sub>            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 2-[(4-chlorophenyl)phenylacetyl]-1H-indene-1,3(2H)-dione            ISO chlorophacinone            IUPAC 2-[2-(4-chlorophenyl)-2-phenylacetyl]=indan-1,3-dione</p>	<p><b>chlorothalonil</b> <span style="float: right;"><b>1897-45-6</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>8</sub>Cl<sub>4</sub>N<sub>2</sub>            LMS Code: 164            Tolerances: 180.275, foreign use  <u>Alternate Names:</u>            9CI 2,4,5,6-tetrachloro-1,3-benzene=dicarbonitrile            tetrachloroisophthalonitrile            ANSI chlorothalonil            ISO chlorothalonil            IUPAC tetrachloroisophthalonitrile            Other 1,3-dicyanotetrachlorobenzene            2,4,5,6-tetrachloro-1,3-dicyanobenzene            2,4,5,6-tetrachloro-1,3-isophthalonitrile            2,4,5,6-tetrachloroisophthalonitrile            Trade Bravo            Daconil 2787            Sweep            Termil            Vanox</p>
<p><b>chloropicrin</b> <span style="float: right;"><b>76-06-2</b></span>            Use: fumigant            Category: parent            Mol. Form.: CCl<sub>3</sub>NO<sub>2</sub>            LMS Code: 016            Tolerances: 180.199, foreign use  <u>Alternate Names:</u>            9CI trichloronitromethane            ISO chloropicrin            IUPAC trichloronitromethane            Trade Acquinite            Picfume</p>	<p><b>chlorotoluron</b> <span style="float: right;"><b>15545-48-9</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>10</sub>H<sub>13</sub>ClN<sub>2</sub>O            LMS Code: 862            Tolerances: foreign use  <u>Alternate Names:</u>            9CI N'-(3-chloro-4-methylphenyl)-N,N-dimethylurea            ISO chlorotoluron            IUPAC 3-(3-chloro-p-tolyl)-1,1-dimethylurea            Other chlortoluron            Trade Chlortokem            Dicuran            Tolurex</p>
<p><b>chloropropylate</b> <span style="float: right;"><b>5836-10-2</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>17</sub>H<sub>16</sub>Cl<sub>2</sub>O<sub>3</sub>            LMS Code: 261            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI 1-methylethyl 4-chloro-<math>\alpha</math>-(4-chlorophenyl)-<math>\alpha</math>-hydroxybenzenacetate            4,4'-dichlorobenzilic acid isopropyl ester            4-chloro-<math>\alpha</math>-(4-chlorophenyl)-<math>\alpha</math>-hydroxybenzeneacetic acid 1-methylethyl ester            ANSI chloropropylate            ISO chloropropylate            IUPAC isopropyl 4,4'-dichlorobenzilate            Other G-24163</p>	<p><b>chloroxuron</b> <span style="float: right;"><b>1982-47-4</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>15</sub>H<sub>15</sub>ClN<sub>2</sub>O<sub>2</sub>            LMS Code: 668            Tolerances: revoked  <u>Alternate Names:</u>            9CI N'-(4-(4-chlorophenoxy)phenyl)-N,N-dimethylurea            ANSI chloroxuron            ISO chloroxuron            IUPAC 3-[4-(4-chlorophenoxy)phenyl]-1,1-dimethylurea            Other chloroxifenidim            Trade Norex            Tenoran</p>

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<p><b>chloroxynil</b> <span style="float: right;"><b>1891-95-8</b></span>            Use: herbicide            Category: parent            Mol. Form.: C7H3Cl2NO            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 3,5-dichloro-4-hydroxybenzoxynil            ISO chloroxynil            IUPAC 3,5-dichloro-4-hydroxybenzoxynil</p>	<p><b>chlorpyrifos-methyl</b> <span style="float: right;"><b>5598-13-0</b></span>            Use: insecticide            Category: parent            Mol. Form.: C7H7Cl3NO3PS            LMS Code: 235            Tolerances: 180.419, 185.1050, 186.1050, foreign use  <u>Alternate Names:</u>            9CI O,O-dimethyl O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate            ANSI chlorpyrifos-methyl            ISO chlorpyrifos-methyl            IUPAC O,O-dimethyl O-3,5,6-trichloro-2-pyridyl phosphorothioate            Trade Reldan</p>
<p><b>chlorphonium chloride</b> <span style="float: right;"><b>115-78-6</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: C19H32Cl3P            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI tributyl[(2,4-dichlorophenyl)methyl]phosphonium chloride            ISO chlorphonium chloride            IUPAC tributyl(2,4-dichlorobenzyl)phosphonium chloride            Trade Phosphon</p>	<p><b>chlorsulfuron</b> <span style="float: right;"><b>64902-72-3</b></span>            Use: herbicide            Category: parent            Mol. Form.: C12H12ClN5O4S            LMS Code: 718            Tolerances: 180.405, foreign use  <u>Alternate Names:</u>            9CI 2-chloro-N-(((4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino)carbonyl)benzenesulfonamide            ANSI chlorsulfuron            IUPAC 1-(2-chlorophenylsulfonyl)-3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)urea            Trade Glean</p>
<p><b>chlorphoxim</b> <span style="float: right;"><b>14816-20-7</b></span>            Use: insecticide            Category: parent            Mol. Form.: C12H14ClN2O3PS            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 7-(2-chlorophenyl)-4-ethoxy-3,5-dioxo-6-aza-4-phosphaoct-6-ene-8-nitrile 4-sulfide            ISO chlorphoxim            IUPAC 2-(2-chlorophenyl)-2-(diethoxyphosphino)thioxyimino)acetone nitrile            Other chlorphoxim</p>	<p><b>chlorthiamid</b> <span style="float: right;"><b>1918-13-4</b></span>            Use: herbicide            Category: parent            Mol. Form.: C7H5Cl2NS            LMS Code: 852            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2,6-dichlorobenzenecarbothioamide            ISO chlorthiamid            IUPAC 2,6-dichlorothiobenzamide            Trade Prefix</p>
<p><b>chlorpropham</b> <span style="float: right;"><b>101-21-3</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: C10H12ClNO2            LMS Code: 114            Tolerances: 180.181, foreign use  <u>Alternate Names:</u>            9CI 1-methylethyl (3-chlorophenyl)carbamate            ISO chlorpropham            IUPAC isopropyl 3-chlorocarbanilate            Other CIPC            isopropyl m-chlorocarbanilate</p>	<p><b>chlorthiophos</b> <span style="float: right;"><b>60238-56-4</b></span>            Use: insecticide            Category: parent            Mol. Form.: C11H15Cl2O3PS2            LMS Code: 545            Tolerances: revoked  <u>Alternate Names:</u>            9CI O-(dichloro(methylthio)phenyl) O,O-diethyl phosphorothioate            ANSI chlorthiophos            ISO chlorthiophos            IUPAC isomeric reaction mixture in which O-2,5-dichlorophenyl-4-methylthiophenyl O,O-diethyl phosphorothioate predominates            Trade Celathion</p>
<p><b>chlorpyrifos</b> <span style="float: right;"><b>2921-88-2</b></span>            Use: insecticide            Category: parent            Mol. Form.: C9H11Cl3NO3PS            LMS Code: 160            Tolerances: 180.342, 185.1000, 186.1000, foreign use  <u>Alternate Names:</u>            9CI O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate            ANSI chlorpyrifos            ISO chlorpyrifos            IUPAC O,O-diethyl O-3,5,6-trichloro-2-pyridyl phosphorothioate            Other Dowco 179            Trade Dursban            Lorsban</p>	

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**chlozolinate** **84332-86-5**  
 Use: fungicide, growth regulator  
 Category: parent  
 Mol. Form.: C<sub>13</sub>H<sub>11</sub>Cl<sub>2</sub>NO<sub>5</sub>  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI ethyl 3-(3,5-dichlorophenyl)-5-methyl-2,4-dioxo-5-oxazolidinecarboxylate  
 ISO chlozolinate  
 IUPAC ethyl (RS)-3-(3,5-dichlorophenyl)-5-methyl-2,4-dioxo-1,3-oxazolidine-5-carboxylate  
 ethyl (±)-3-(3,5-dichlorophenyl)-5-methyl-2,4-dioxo-1,3-oxazolidine-5-carboxylate  
 Other dichlozolinate  
 Trade Manderol  
 Serinal

**choline chloride** **67-48-1**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>5</sub>H<sub>14</sub>NO•Cl  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 2-hydroxy-N,N,N-trimethylethanamimium chloride  
 Other choline chloride

**chromafenozide** **143807-66-3**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>24</sub>H<sub>30</sub>N<sub>2</sub>O<sub>3</sub>  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 3,4-dihydro-5-methyl-2H-1-benzopyran-6-carboxylic acid 2-(3,5-dimethylbenzoyl)-2-(1,1-dimethylethyl)=hydrazide  
 ISO chromafenozide  
 IUPAC 2'-tert-butyl-5-methyl-2'-(3,5-xyloyl)chromane-6-carbohydrazide  
 Other ANS-118

**cinidon-ethyl** **132057-06-8**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>19</sub>H<sub>17</sub>Cl<sub>2</sub>NO<sub>4</sub>  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI ethyl 2-chloro-3-(2-chloro-5-(1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isoindol-2-yl)phenyl)-2-propenoate  
 ISO cinidon-ethyl  
 IUPAC ethyl 2-chloro-3-[2-chloro-5-(cyclohex-1-ene-1,2-dicarboximido)phenyl]=acrylate

**cinmethylin** **87818-31-3**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>18</sub>H<sub>26</sub>O<sub>2</sub>  
 LMS Code:  
 Tolerances: temporary  
Alternate Names:  
 9CI 1-methyl-4-(1-methylethyl)-2-((2-methylphenyl)methoxy)-7-oxabicyclo(2.2.1)heptane, exo-(±)  
 ANSI cinmethylin  
 ISO cinmethylin  
 IUPAC 1,4-epoxy-p-menth-2-yl 2-methylbenzyl ether, (1RS,2SR,4SR)-  
 Other SD-95481  
 Trade Argold  
 Cinch

**cinosulfuron** **94593-91-6**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>15</sub>H<sub>19</sub>N<sub>5</sub>O<sub>7</sub>S  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI N-(((4,6-dimethoxy-1,3,5-triazin-2-yl)amino)carbonyl)-2-(2-methoxyethoxy)benzenesulfonamide  
 ISO cinosulfuron  
 IUPAC 1-(4,6-dimethoxy-1,3,5-triazin-2-yl)-3-[2-(2-methoxyethoxy)phenyl]=sulfonyl]urea  
 Other CGA-142464

**cismethrin** **35764-59-1**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>22</sub>H<sub>26</sub>O<sub>3</sub>  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 2,2-dimethyl-3-(2-methyl-1-propenyl)-, (5-(phenylmethyl)-3-furanyl)methyl cyclopropanecarboxylate, (1R-cis)-  
 ISO cismethrin  
 IUPAC 5-benzyl-3-furymethyl (1R,3S)-2,2-dimethyl-3-(2-methylprop-1-enyl) cyclopropanecarboxylate  
 Other resmethrin, (1R-cis)-

**clethodim** **99129-21-2**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>17</sub>H<sub>26</sub>ClNO<sub>3</sub>S  
 LMS Code:  
 Tolerances: 180.458, 186.1075, foreign use  
Alternate Names:  
 9CI 2-(1-(((3-chloro-2-propenyl)oxy)imino)=propyl)-5-(2-(ethylthio)propyl)-3-hydroxy-2-cyclohexene-1-one  
 ANSI clethodim  
 ISO clethodim  
 IUPAC 2-[(E)-1-[(E)-3-chloroallyloxyimino]propyl]-5-[2-(ethylthio)propyl]-3-hydroxycyclohex-2-enone, (RS)-  
 Other RE-45601  
 Trade Select



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<p><b>clodinafop-propargyl</b> <span style="float: right;"><b>105512-06-9</b></span>            Use: herbicide            Category: parent            Mol. Form.: C17H13ClFNO4            LMS Code: B38            Tolerances: 180.559, foreign use  <u>Alternate Names:</u>            9CI 2-propynyl-(R)-2-(4-(5-chloro-3-fluoro-2-pyridinyl)oxy)-phenoxy)propanoate            ISO clodinafop-propargyl            IUPAC 2-propynyl-(R)-2-[4-(5-chloro-3-fluoro-2-pyridyloxy)phenoxy]propionate            Other 2-(4-((5-chloro-3-fluoro-2-pyridinyl)oxy)=phenoxyproanoic acid-2-propyl ester, (2R)-            CGA-184927            Trade Topik</p>	<p><b>clofentezine</b> <span style="float: right;"><b>74115-24-5</b></span>            Use: insecticide            Category: parent            Mol. Form.: C14H8Cl2N4            LMS Code: 699            Tolerances: 180.446, 185.---, foreign use  <u>Alternate Names:</u>            9CI 3,6-bis(2-chlorophenyl)-1,2,4,5-tetrazine            ANSI clofentezine            ISO clofentezine            IUPAC 3,6-bis(2-chlorophenyl)-1,2,4,5-tetrazine            Other NC 21314            Trade Acaristop            Apollo            Panatac</p>
<p><b>cloethocarb</b> <span style="float: right;"><b>51487-69-5</b></span>            Use: insecticide/nematocide            Category: parent            Mol. Form.: C11H14ClNO4            LMS Code:            Tolerances: pending  <u>Alternate Names:</u>            9CI 2-(2-chloro-1-methoxyethoxy)phenyl methylcarbamate            ISO cloethocarb            IUPAC 2-(2-chloro-1-methoxyethoxy)phenyl methylcarbamate, (RS)-            Other BAS 263 I            Trade Lance</p>	<p><b>clomazone</b> <span style="float: right;"><b>81777-89-1</b></span>            Use: herbicide            Category: parent            Mol. Form.: C12H14ClNO2            LMS Code: 719            Tolerances: 180.425, foreign use  <u>Alternate Names:</u>            9CI 2-((2-chlorophenyl)methyl)-4,4-dimethyl-3-isoxazolidinone            ANSI clomazone            ISO clomazone            IUPAC 2-(2-chlorobenzyl)-4,4-dimethyl-1,2-oxazolidin-3-one            2-(2-chlorobenzyl)-4,4-dimethyl=isoxazolidin-3-one            Other dimethazone            fenoxan            FMC 57020            Trade Command            Gamit</p>
<p><b>clofencet</b> <span style="float: right;"><b>129025-54-3</b></span>            Use: plant growth regulator            Category: metabolite            Mol. Form.: C13H11ClN2O3            LMS Code:            Tolerances: 180.497, 186.---  <u>Alternate Names:</u>            9CI 2-(4-chlorophenyl)-3-ethyl-2,5-dihydro-5-oxo-4-pyridazinecarboxylic acid            ANSI clofencet            ISO clofencet            IUPAC 2-(4-chlorophenyl)-3-ethyl-2,5-dihydro-5-oxopyridazine-4-carboxylic acid            Other MON 21201</p>	<p><b>clomeprop</b> <span style="float: right;"><b>84496-56-0</b></span>            Use: herbicide            Category: parent            Mol. Form.: C16H15Cl2NO2            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 2-(2,4-dichloro-3-methylphenoxy)-N-phenylpropanamide            ISO clomeprop            IUPAC 2-(2,4-dichloro-m-tolyloxy)propionanilide, (RS)-            Trade Yukahope</p>
<p><b>clofencet potassium salt</b> <span style="float: right;"><b>82697-71-0</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: C13H10ClN2O3•K            LMS Code:            Tolerances: 180.497, 186.---  <u>Alternate Names:</u>            9CI potassium 2-(4-chlorophenyl)-3-ethyl-2,5-dihydro-5-oxo-4-pyridazine=carboxylate            ANSI clofencet potassium salt            ISO clofencet potassium salt            Other 2-(4-chlorophenyl)-3-ethyl-2,5-dihydro-5-oxo-4-pyridazinecarboxylic acid, potassium salt            MON 21200            Trade Genesis</p>	<p><b>cloprop</b> <span style="float: right;"><b>101-10-0</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: C9H10O3Cl            LMS Code: A19            Tolerances: 180.325  <u>Alternate Names:</u>            9CI 2-(3-chlorophenoxy)propanoic acid            ISO cloprop            IUPAC 2-(3-chlorophenoxy)propionic acid, (RS)-            Other 2-(m-chlorophenoxy)propionic acid</p>

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<p><b>clopyralid</b> <span style="float: right;"><b>1702-17-6</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>6</sub>H<sub>3</sub>Cl<sub>2</sub>NO<sub>2</sub>            LMS Code: B46            Tolerances: 180.431, foreign use  <u>Alternate Names:</u>            9CI 3,6-dichloro-2-pyridinecarboxylic acid            ANSI clopyralid            ISO clopyralid            IUPAC 3,6-dichloropyridine-2-carboxylic acid            Other Dowco 290            Trade Lontrel                      Stinger</p>	<p><b>cloxifenolom</b> <span style="float: right;"><b>3380-34-5</b></span>            Use: microbicide            Category: parent            Mol. Form.: C<sub>12</sub>H<sub>7</sub>Cl<sub>3</sub>O<sub>2</sub>            LMS Code:            Tolerances:  <u>Alternate Names:</u>            Other 2'-hydroxy-2,4,4'-trichlorodiphenyl ether                  2'-hydroxy-2,4,4'-trichlorophenyl ether                  2,4,4'-trichloro-2'-hydroxydiphenyl ether                  2,4,4'-trichloro-2-hydroxydiphenyl ether                  5-chloro-2-(2,4-dichlorophenoxy)phenol                  cloxifenolom                  Irgasan CH 3635                  Irgasan DP 300                  trichloro-2'-hydroxydiphenylether            Trade CH 3635                  CH-3565                  DP-300                  Irgasan                  Lexol 300                  Microban                  Ster-Zac                  Triclosan</p>
<p><b>cloquintocet-mexyl</b> <span style="float: right;"><b>99607-70-2</b></span>            Use: safener            Category: parent            Mol. Form.: C<sub>18</sub>H<sub>22</sub>ClNO<sub>3</sub>            LMS Code: B39            Tolerances: 180.560  <u>Alternate Names:</u>            9CI 1-methylhexyl 5-chloro-8-quinolinoxy=                  acetate            ISO cloquintocet-mexyl            Other (5-chloro-8-quinolinyl)oxyacetic acid-1-                  methylhexyl ester                  CGA-185072</p>	<p><b>Compound K</b> <span style="float: right;"><b>57-74-9</b></span>            Use: insecticide            Category: component            Mol. Form.: C<sub>10</sub>H<sub>6</sub>Cl<sub>8</sub>            LMS Code: A20            Tolerances: revoked  <u>Alternate Names:</u>            9CI 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-                  hexahydro-4,7-methano-1H-indene            IUPAC 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-                  hexahydro-4,7-methanoindene            Other chlordane component                  chlorindan                  Compound K                  Dowchlor</p>
<p><b>cloransulam methyl ester</b> <span style="float: right;"><b>147150-35-4</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>15</sub>H<sub>13</sub>ClFN<sub>5</sub>O<sub>5</sub>S            LMS Code:            Tolerances: 180.514  <u>Alternate Names:</u>            9CI methyl 3-chloro-2-(((5-ethoxy-7-fluoro[1, 2,                  4]triazolo[1, 5-c]pyrimidin-2-yl)=                  sulfonyl)amino)benzoate            ANSI cloransulam methyl ester            ISO cloransulam-methyl            Other N-(2-carboxymethyl-6-chlorophenyl)-5-                  ethoxy-7-fluoro-(1,2,4)-triazolo[1,5c]-                  pyrimidine-2-sulfonamide            Trade DE-565                  Firstrate                  K-195874</p>	<p><b>copper arsenate</b> <span style="float: right;"><b>7778-41-8</b></span>            Use: insecticide/fungicide            Category: parent            Mol. Form.: As-H<sub>3</sub>-O<sub>4</sub>.3/2Cu            LMS Code: 017            Tolerances: revoked  <u>Alternate Names:</u>            9CI arsenic acid (H<sub>3</sub>AsO<sub>4</sub>) copper(2+) salt                  copper arsenate (3:2)            Other copper arsenate</p>
<p><b>clothianidin</b> <span style="float: right;"><b>21088-92-5</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>6</sub>H<sub>8</sub>ClN<sub>5</sub>O<sub>2</sub>S            LMS Code:            Tolerances: 180.586  <u>Alternate Names:</u>            9CI N-[(2-chloro-5-thiazolyl)methyl]-N'-methyl-                  N''-nitroguanidine, (E)-            ISO clothianidin                  N-((2-chloro-5-thiazolyl)methyl)-N'-methyl-                  N''-nitroguanidine            IUPAC 1-(2-chloro-1,3-thiazol-5-ylmethyl)-3-                  methyl-2-nitroguanidine, (E)-            Other CGA-322704                  N-((2-chloro-5-thiazolyl)methyl)-N'-methyl-                  N''-nitroguanidine, (E)-                  thiamethoxam metabolite            Trade CGA-322704</p>	<p><b>copper monoethanolamine</b> <span style="float: right;"><b>53044-06-7</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>2</sub>H<sub>7</sub>CuNO            LMS Code:            Tolerances: 185.1200  <u>Alternate Names:</u>            9CI (2-aminoethanol-N,O)-copper(1+)            Other copper                  copper monoethanolamine</p>



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<p><b>cyanophos</b> <span style="float: right;"><b>2636-26-2</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>9</sub>H<sub>10</sub>O<sub>3</sub>NSP            LMS Code: 895            Tolerances: foreign use  <u>Alternate Names:</u>            9CI O-(4-cyanophenyl) O,O-dimethyl phosphorothioate            ISO cyanophos            IUPAC O-4-cyanophenyl O,O-dimethyl phosphorothioate            Trade Cyanox</p>	<p><b>cycloheximide</b> <span style="float: right;"><b>66-81-9</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: C<sub>15</sub>H<sub>23</sub>NO<sub>4</sub>            LMS Code: 756            Tolerances: revoked  <u>Alternate Names:</u>            9CI 4-(2-(3,5-dimethyl-2-oxocyclohexyl)-2-hydroxyethyl-2,6-piperidinedione, (1S-(1 A(S*), 3 A, 5 B))-            ISO cycloheximide            IUPAC 4-((2R)-2-((1S,3S,5S)-(3,5-dimethyl-2-oxocyclohexyl))-2-hydroxyethyl)=piperidine-2,6-dione            Trade Acti-dione</p>
<p><b>cyazofamid (prop)</b> <span style="float: right;"><b>120116-88-3</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>13</sub>H<sub>13</sub>ClN<sub>4</sub>O<sub>2</sub>S            LMS Code:            Tolerances: pending  <u>Alternate Names:</u>            9CI 4-chloro-2-cyano-N,N-dimethyl-5-(4-methylphenyl)-1H-imidazole-1-sulfonamide            ISO cyazofamid (prop)            IUPAC 4-chloro-2-cyano-N,N-dimethyl-5-p-tolylimidazole-1-sulfonamide</p>	<p><b>cycloprate</b> <span style="float: right;"><b>54460-46-7</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>20</sub>H<sub>38</sub>O<sub>2</sub>            LMS Code:            Tolerances: temporary  <u>Alternate Names:</u>            9CI hexadecyl cyclopropanecarboxylate            Other cycloprate            Trade Zardex</p>
<p><b>cyclanilide</b> <span style="float: right;"><b>113136-77-9</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: C<sub>11</sub>H<sub>9</sub>Cl<sub>2</sub>NO<sub>3</sub>            LMS Code: A81            Tolerances: 180.506  <u>Alternate Names:</u>            9CI 1-(((2,4-dichlorophenyl)amino)carbonyl)=cyclopropanecarboxylic acid            ISO cyclanilide            IUPAC 1-(2,4-dichloroanilinocarbonyl)cyclopropanecarboxylic acid            Other 1-(2,4-dichlorophenylaminocarbonyl)=cyclopropane carboxylic acid            RPA-090946</p>	<p><b>cycloprothrin</b> <span style="float: right;"><b>63935-38-6</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>26</sub>H<sub>21</sub>Cl<sub>2</sub>NO<sub>4</sub>            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI cyano(3-phenoxyphenyl)methyl 2,2,-dichloro-1-(4-ethoxyphenyl)cyclopropanecarboxylate            ISO cycloprothrin            IUPAC cyano-3-phenoxybenzyl (RS)-2,2-dichloro-1-(4-ethoxyphenyl)cyclopropane=carboxylate, (RS)-α-            Trade Cyclosal</p>
<p><b>cycloate</b> <span style="float: right;"><b>1134-23-2</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>11</sub>H<sub>21</sub>NOS            LMS Code: 232            Tolerances: 180.212, foreign use  <u>Alternate Names:</u>            9CI S-ethyl cyclohexylethylcarbamothioate            ISO cycloate            IUPAC S-ethyl cyclohexyl(ethyl)thiocarbamate            Other S-ethyl cyclohexylethylthiocarbamate            Trade Marathon            Ro-neet</p>	<p><b>cyclosulfamuron</b> <span style="float: right;"><b>136849-15-5</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>17</sub>H<sub>19</sub>N<sub>5</sub>O<sub>6</sub>S            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI N-(((2-(cyclopropylcarbonyl)phenyl)amino)=sulfonyl)-N'-(4,6-dimethoxy-2-pyrimidinyl)urea            ANSI cyclosulfamuron            ISO cyclosulfamuron            IUPAC 1-[2-(cyclopropylcarbonyl)anilinosulfonyl]-3-(4,6-dimethoxypyrimidin-2-yl)urea            Other AC 332140</p>

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### **cycloxydim** 101205-02-1

Use: herbicide  
 Category: parent  
 Mol. Form.: C17H27NO3S  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 2-(1-(ethoxyimino)butyl)-3-hydroxy-5-(tetrahydro-2H-thiopyran-3-yl)-2-cyclohexene-1-one  
 ISO cycloxydim  
 IUPAC 2-[1-(ethoxyimino)butyl]-3-hydroxy-5-thian-3-ylcyclohex-2-enone, (RS)-  
 Other BAS-517-H  
 Trade Focus  
 Laser  
 Stratos

### **cycluron** 2163-69-1

Use: herbicide  
 Category: parent  
 Mol. Form.: C11H22N2O  
 LMS Code: 853  
 Tolerances: foreign use  
Alternate Names:  
 9CI N'-cyclooctyl-N,N-dimethylurea  
 ISO cycluron  
 IUPAC 3-cyclo-octyl-1,1-dimethylurea  
 Other OMU

### **cyfluthrin** 68359-37-5

Use: insecticide  
 Category: parent  
 Mol. Form.: C22H18Cl2FNO3  
 LMS Code: 781  
 Tolerances: 180.436, foreign use  
Alternate Names:  
 9CI cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate  
 ISO cyfluthrin  
 IUPAC cyano-4-fluoro-3-phenoxybenzyl (1RS)-cis-trans-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate, (RS)- $\alpha$ -  
 cyano-4-fluoro-3-phenoxybenzyl (1RS,3RS;1RS,3SR)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate, (RS)- $\alpha$ -  
 Other BAY-FCR 1272  
 FCR 1272  
 Trade Baythroid  
 Sofac  
 Tempo

### **cyfluthrin, beta-**

Use: insecticide  
 Category: parent  
 Mol. Form.: C22H18Cl2FNO3  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate  
 ISO cyfluthrin, beta-  
 Other FCR 4545  
 Trade Bulldock

### **cyhalofop butyl ester** 122008-85-9

Use: herbicide  
 Category: parent  
 Mol. Form.: C20H20FNO4  
 LMS Code: B59  
 Tolerances: 180.576  
Alternate Names:  
 9CI butyl 2-(4-(4-cyano-2-fluorophenoxy)=phenoxy)propanoate, (R)-  
 ANSI cyhalofop butyl ester  
 ISO cyhalofop-butyl  
 IUPAC butyl 2-(4-(4-cyano-2-fluorophenoxy)=phenoxy)propionate, (R)-  
 Other DE-537 n-butyl ester  
 n-butyl 2-(4-(4-cyano-2-fluorophenoxy)=phenoxy)propionate, (R)-(+)-  
 XDE 537  
 Trade Clincher

### **cyhalothrin** 68085-85-8

Use: insecticide  
 Category: parent  
 Mol. Form.: C23H19ClF3NO3  
 LMS Code:  
 Tolerances: pending, foreign use  
Alternate Names:  
 9CI cyano(3-phenoxyphenyl)methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropane=carboxylate  
 ISO cyhalothrin  
 IUPAC cyano-3-phenoxybenzyl (Z)-(1RS,3RS)-(2-chloro-3,3,3-trifluoropropenyl)-2,2-dimethylcyclopropanecarboxylate, (RS)- $\alpha$ -  
 Trade Grenade  
 Matador  
 Saber

### **cyhexatin** 13121-70-5

Use: insecticide  
 Category: parent  
 Mol. Form.: C18H34OSn  
 LMS Code: 550  
 Tolerances: 180.144, 185.1350, 186.1350, foreign use  
Alternate Names:  
 9CI tricyclohexylhydroxystannane  
 ANSI cyhexatin  
 ISO cyhexatin  
 IUPAC tricyclohexyltin hydroxide  
 Trade Dowco 213  
 Plictran

### **cymiazole** 61676-87-7

Use: acaricide  
 Category: parent  
 Mol. Form.: C12H14N2S  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 2,4-dimethyl-N-(3-methyl-2(3H)-thiazolylidene)benzenamine  
 Other CGA-50439  
 cymiazole  
 Trade Besuntol  
 Tifatol  
 Xymiazole



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### **cymoxanil** 57966-95-7

Use: fungicide  
 Category: parent  
 Mol. Form.: C7H10N4O3  
 LMS Code: 877  
 Tolerances: 180.503, foreign use  
Alternate Names:  
 9CI 2-cyano-N-((ethylamino)carbonyl)-2-(methoxyimino)acetamide  
 ANSI cymoxanil  
 ISO cymoxanil  
 IUPAC 1-(2-cyano-2-methoxyiminoacetyl)-3-ethylurea  
 Other DPX 3217  
 Trade Curzate

### **cypermethrin** 52315-07-8

Use: insecticide  
 Category: parent  
 Mol. Form.: C22H19Cl2NO3  
 LMS Code: 597  
 Tolerances: 180.418, foreign use  
Alternate Names:  
 9CI cyano(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate  
 ANSI cypermethrin  
 ISO cypermethrin  
 IUPAC cyano-3-phenoxybenzyl (1RS,3RS;1RS,3SR)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate, (RS)- $\alpha$ -  
 Other cypermethrin, zeta-  
 Trade Ammo  
 Barricade  
 Cymbush  
 Fendona  
 Imperator  
 Kefil Super  
 Ripcord  
 Supermethrin

### **cypermethrin, beta-**

Use: insecticide  
 Category: parent  
 Mol. Form.: C22H19Cl2NO3  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI cyano(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate  
 ISO cypermethrin, beta-  
 Trade Chinmix

### **cypermethrin, theta-** 71697-59-1

Use: insecticide  
 Category: parent  
 Mol. Form.: C22H19Cl2NO3  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI cyano(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate, (1A(S\*), 3B)-( $\pm$ )-  
 ISO cypermethrin, theta-  
 Other cyano-3-phenoxybenzyl-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate  
 SK 80  
 Trade Transmix

### **cypermethrin, zeta-**

Use: insecticide  
 Category: parent  
 Mol. Form.: C22H19Cl2NO3  
 LMS Code: B55  
 Tolerances: 180.418  
Alternate Names:  
 9CI cyano(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate  
 ANSI cypermethrin, zeta-  
 ISO cypermethrin, zeta-  
 Trade Fury  
 Mustang

### **cyprazine** 22936-86-3

Use: herbicide  
 Category: parent  
 Mol. Form.: C9H14ClN5  
 LMS Code: 670  
 Tolerances: revoked  
Alternate Names:  
 9CI 6-chloro-N-cyclopropyl-N'-(1-methylethyl)-1,3,5-triazine-2,4-diamine  
 ANSI cyprazine  
 ISO cyprazine  
 Trade Outfox

### **cyproconazole** 94361-06-5

Use: fungicide  
 Category: parent  
 Mol. Form.: C15H18ClN3O  
 LMS Code: A22  
 Tolerances: 180.485, foreign use  
Alternate Names:  
 9CI (4-chlorophenyl)- $\alpha$ -(1-cyclopropylethyl)-1H-1,2,4-triazole-1-ethanol,  $\alpha$ -  
 ISO cyproconazole  
 IUPAC 2-(4-chlorophenyl)-3-cyclopropyl-1-(1H-1,2,4-triazol-1-yl) butan-2-ol, (2RS,3RS;2RS,3SR)-  
 Other SAN 619 F  
 Trade Alto

## FDA Glossary of Pesticide Chemicals

<p><b>cyprodinil</b> <span style="float: right;"><b>121552-61-2</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>14</sub>H<sub>15</sub>N<sub>3</sub>            LMS Code: B22            Tolerances: 180.532  <u>Alternate Names:</u>            9CI 4-cyclopropyl-6-methyl-N-phenyl-2-pyrimidinamine            ISO cyprodinil            IUPAC 4-cyclopropyl-6-methyl-N-phenylpyrimidin-2-amine            Other CGA-219417</p>	<p><b>dalapon</b> <span style="float: right;"><b>75-99-0</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>3</sub>H<sub>4</sub>Cl<sub>2</sub>O<sub>2</sub>            LMS Code: 021            Tolerances: revoked, revoked, revoked, foreign use  <u>Alternate Names:</u>            9CI 2,2-dichloropropanoic acid            ANSI dalapon            IUPAC 2,2-dichloropropionic acid</p>
<p><b>cyprofuram</b> <span style="float: right;"><b>69581-33-5</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>14</sub>H<sub>14</sub>ClNO<sub>3</sub>            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI N-(3-chlorophenyl)-N-(tetrahydro-2-oxo-3-furanyl)-cyclopropanecarboxamide            ANSI cyprofuram            ISO cyprofuram            IUPAC [N-(3-chlorophenyl)cyclopropanecarboxamido]-γ-butyrolactone, (RS)-α-            Other SN 78314            Trade Vinicur</p>	<p><b>dalapon sodium salt</b> <span style="float: right;"><b>127-20-8</b></span>            Use: herbicide            Category: formulation            Mol. Form.: C<sub>3</sub>H<sub>3</sub>Cl<sub>2</sub>NaO<sub>2</sub>            LMS Code:            Tolerances: revoked, revoked, revoked  <u>Alternate Names:</u>            9CI sodium 2,2-dichloropropanoate            ANSI dalapon sodium salt            IUPAC sodium 2,2-dichloropropionate            Trade Dowpon            Radapon</p>
<p><b>cyromazine</b> <span style="float: right;"><b>66215-27-8</b></span>            Use: insect growth regulator            Category: parent            Mol. Form.: C<sub>6</sub>H<sub>10</sub>N<sub>6</sub>            LMS Code: 255            Tolerances: 180.414, foreign use  <u>Alternate Names:</u>            9CI N-cyclopropyl-1,3,5-triazine-2,4,6-triamine            ANSI cyromazine            ISO cyromazine            IUPAC N-cyclopropyl-1,3,5-triazine-2,4,6-triamine            Trade Larvadex            Trigard</p>	<p><b>daminozide</b> <span style="float: right;"><b>1596-84-5</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: C<sub>6</sub>H<sub>12</sub>N<sub>2</sub>O<sub>3</sub>            LMS Code: 564            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI butanedioic acid mono(2,2-dimethylhydrazide)            ANSI daminozide            ISO daminozide            IUPAC N-dimethylaminosuccinamic acid            Trade Alar            B-Nine</p>
<p><b>daimuron</b> <span style="float: right;"><b>42609-52-9</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>17</sub>H<sub>20</sub>N<sub>2</sub>O            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI N-(4-methylphenyl)-N'-(1-methyl-1-phenylethyl)urea            ISO daimuron            IUPAC 1-(1-methyl-1-phenylethyl)-3-p-tolylurea            1-(α,α-dimethylbenzyl)-3-p-tolylurea            Other dymron            Trade Showrone</p>	<p><b>dazomet</b> <span style="float: right;"><b>533-74-4</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>5</sub>H<sub>10</sub>N<sub>2</sub>S<sub>2</sub>            LMS Code: 878            Tolerances: foreign use  <u>Alternate Names:</u>            9CI tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione            ISO dazomet            IUPAC 3,5-dimethyl-1,3,5-thiadiazinane-2-thione            tetrahydro-3,5-dimethyl-1,3,5-thiadiazine-2-thione            Other Crag 974            tiazon            Trade Basamid</p>
<p style="text-align: center;"><b>D</b></p>	<p><b>DCIP</b> <span style="float: right;"><b>108-60-1</b></span>            Use: nematocide            Category: parent            Mol. Form.: C<sub>6</sub>H<sub>12</sub>Cl<sub>2</sub>O            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2,2'-oxybis(1-chloropropane)            IUPAC bis(2-chloro-1-methylethyl) ether            Other DCIP            Trade Nemamort</p>

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<p><b>DCPA</b> <span style="float: right;"><b>1861-32-1</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C<sub>10</sub>H<sub>6</sub>Cl<sub>4</sub>O<sub>4</sub>            LMS Code: 134            Tolerances: 180.185, foreign use  <u>Alternate Names:</u>            9CI dimethyl 2,3,5,6-tetrachloro-1,4-benzenedicarboxylate            ISO chlorthal-dimethyl            Other DCPA              dimethyl tetrachloroterephthalate            Trade DAC 893              Dacthal</p>	<p><b>DDT</b> <span style="float: right;"><b>8017-34-3</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C<sub>14</sub>H<sub>9</sub>Cl<sub>5</sub>            LMS Code: 022            Tolerances: revoked  <u>Alternate Names:</u>            9CI 1-chloro-2-(2,2,2-trichloro-1-(4-chlorophenyl)ethyl)benzene mixture with 1,1'-(2,2,2-trichloroethyl=iden)bis(4-chlorobenzene)            Other DDT              dichlorodiphenyltrichloroethane</p>
<p><b>DCVA, cis-</b> <span style="float: right;"><b>55667-40-8</b></span></p> <p>Use:            Category: metabolite            Mol. Form.: C<sub>8</sub>H<sub>10</sub>Cl<sub>2</sub>O<sub>2</sub>            LMS Code: 294            Tolerances: 180.378, 180.418, foreign use  <u>Alternate Names:</u>            9CI 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylic acid, (1R-cis)-            Other cypermethrin metabolite              DCVA, cis-permethric acid, (1R-cis)-permethrin metabolite</p>	<p><b>DDT, o,p'-</b> <span style="float: right;"><b>789-02-6</b></span></p> <p>Use: insecticide            Category: component            Mol. Form.: C<sub>14</sub>H<sub>9</sub>Cl<sub>5</sub>            LMS Code: 907            Tolerances: revoked  <u>Alternate Names:</u>            9CI 1-chloro-2-(2,2,2-trichloro-1-(4-chlorophenyl)ethyl)benzene            Other DDT, o,p'-</p>
<p><b>DCVA, trans-</b> <span style="float: right;"><b>55701-05-8</b></span></p> <p>Use:            Category: metabolite            Mol. Form.: C<sub>8</sub>H<sub>10</sub>Cl<sub>2</sub>O<sub>2</sub>            LMS Code: 295            Tolerances: 180.378, 180.418, foreign use  <u>Alternate Names:</u>            9CI 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylic acid            Other chrysanthemic acid, dicypermethrin metabolite              DCVA, trans-permethric acid              permethrin metabolite</p>	<p><b>DDT, p,p'-</b> <span style="float: right;"><b>50-29-3</b></span></p> <p>Use: insecticide            Category: component            Mol. Form.: C<sub>14</sub>H<sub>9</sub>Cl<sub>5</sub>            LMS Code: 906            Tolerances: revoked  <u>Alternate Names:</u>            9CI 1,1'-(2,2,2-trichloroethylidene)bis(4-chlorobenzene)            ISO DDT            IUPAC 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane            Other 4,4'-dichlorodiphenyltrichloroethane              chlorophenothane              DDT, p,p'-dicophane</p>
<p><b>DDE, o,p'-</b> <span style="float: right;"><b>3424-82-6</b></span></p> <p>Use:            Category: metabolite            Mol. Form.: C<sub>14</sub>H<sub>8</sub>Cl<sub>4</sub>            LMS Code: 911            Tolerances: revoked  <u>Alternate Names:</u>            9CI 1-chloro-2-(2,2-dichloro-1-(4-chlorophenyl)ethenyl)benzene            Other DDE, o,p'-              DDT metabolite</p>	<p><b>deltamethrin</b> <span style="float: right;"><b>52918-63-5</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C<sub>22</sub>H<sub>19</sub>Br<sub>2</sub>NO<sub>3</sub>            LMS Code: 612            Tolerances: 180.435, foreign use  <u>Alternate Names:</u>            9CI 3-(2,2-dibromoethenyl)-2,2-dimethyl-, cyano(3-phenoxyphenyl)methyl cyclopropanecarboxylate, (1R-(1A(S*),3A))-              cyano(3-phenoxyphenyl)methyl 3-(2,2-dibromoethenyl)-2,2-dimethylcyclopropanecarboxylate, [1R-[1A(S*),3A]]-            ISO deltamethrin            IUPAC cyano-3-phenoxybenzyl (1R)-cis-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate, (S)-<math>\alpha</math>-cyano-3-phenoxybenzyl (1R,3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate, (S)-<math>\alpha</math>-            Other decamethrin              tralomethrin metabolite            Trade Decis</p>
<p><b>DDE, p,p'-</b> <span style="float: right;"><b>72-55-9</b></span></p> <p>Use:            Category: metabolite            Mol. Form.: C<sub>14</sub>H<sub>8</sub>Cl<sub>4</sub>            LMS Code: 910            Tolerances: revoked  <u>Alternate Names:</u>            9CI 1,1'-(dichloroethenylidene)bis(4-chlorobenzene)            Other DDE              DDE, p,p'-              DDT metabolite</p>	



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### deltamethrin, cis-

Use:  
 Category: metabolite  
 Mol. Form.: C22H19Br2NO3  
 LMS Code:  
 Tolerances: 180.422  
Alternate Names:

9CI cyano(3-phenoxyphenyl)methyl 3-(2,2-dibromoethenyl)-2,2-dimethylcyclopropanecarboxylate  
 Other cyano-3-phenoxybenzyl-(1R,3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate, (S)- $\alpha$ -deltamethrin, cis-tralomethrin metabolite

### deltamethrin, trans-

**64363-96-8**

Use:  
 Category: metabolite  
 Mol. Form.: C22H19Br2NO3  
 LMS Code: A23  
 Tolerances: 180.422  
Alternate Names:

9CI cyano(3-phenoxyphenyl)methyl 3-(2,2-dibromoethenyl)-2,2-dimethylcyclopropanecarboxylate  
 Other cyano-3-phenoxybenzyl-(1S,3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate, (S)- $\alpha$ -deltamethrin, trans-tralomethrin metabolite

### demeton

**8065-48-3**

Use: insecticide  
 Category: parent  
 Mol. Form.: C8H19O3PS2  
 LMS Code: 023  
 Tolerances: revoked  
Alternate Names:

9CI O,O-diethyl O-(2-(ethylthio)ethyl phosphorothioate mixture with O,O-diethyl S-(2-(ethylthio)ethyl) phosphorothioate  
 IUPAC reaction mixture of O,O-diethyl O-2-ethylthioethyl phosphorothioate and O,O-diethyl S-2-ethylthioethyl phosphorothioate  
 Other demeton mercaptofos  
 Trade Systox

### demeton-O

**298-03-3**

Use: insecticide  
 Category: component  
 Mol. Form.: C8H19O3PS2  
 LMS Code: 708  
 Tolerances: revoked  
Alternate Names:

9CI O,O-diethyl O-(2-(ethylthio)ethyl) phosphorothioate  
 ISO demeton-O  
 IUPAC O,O-diethyl O-2-ethylthioethyl phosphorothioate  
 Other demeton I demeton thiono ethylthiodemeton O,O-diethyl O-ethylmercaptoethyl thiophosphate Systox thiono

### demeton-S

**126-75-0**

Use: insecticide  
 Category: component  
 Mol. Form.: C8H19O3PS2  
 LMS Code: 558  
 Tolerances: revoked  
Alternate Names:

9CI O,O-diethyl S-(2-(ethylthio)ethyl) phosphorothioate  
 ISO demeton-S  
 IUPAC O,O-diethyl S-2-ethylthioethyl phosphorothioate  
 Other demeton II demeton thiol disulfoton oxygen analog isosystox O,O-diethyl S-ethylmercaptoethyl thiophosphate Systox thiol

### des N-isopropyl isofenphos

**25205-08-7**

Use:  
 Category: metabolite  
 Mol. Form.: C12H18NO4PS  
 LMS Code: 259  
 Tolerances: revoked  
Alternate Names:

9CI 1-methylethyl 2-((aminoethoxyphosphino=thioyl)oxy)benzoate  
 Other des N-isopropyl isofenphos isofenphos metabolite

### desmedipham

**13684-56-5**

Use: herbicide  
 Category: parent  
 Mol. Form.: C16H16N2O4  
 LMS Code: 786  
 Tolerances: 180.353, foreign use  
Alternate Names:

9CI ethyl (3-(((phenylamino)carbonyl)oxy)=phenyl)carbamate  
 ANSI desmedipham  
 ISO desmedipham  
 IUPAC 3-ethoxycarbonylaminophenyl phenylcarbamate ethyl 3'-phenylcarbamoyloxy-carbanilate ethyl 3-phenylcarbamoyloxyphenyl=carbamate  
 Trade Betanal Am Betanex

### desmetryn

**1014-69-3**

Use: herbicide  
 Category: parent  
 Mol. Form.: C8H15N5S  
 LMS Code: A88  
 Tolerances: foreign use  
Alternate Names:

9CI N-methyl-N'-(1-methylethyl)-6-(methyl=thio)-1,3,5-triazine-2,4-diamine  
 ISO desmetryn  
 IUPAC N2-isopropyl-N4-methyl-6-methylthio-1,3,5-triazine-2,4-diamine  
 Other desmetryne  
 Trade Semeron

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<p><b>di-allate</b> <span style="float: right;"><b>2303-16-4</b></span>            Use: herbicide            Category: parent            Mol. Form.: C10H17ClNOS            LMS Code: 353            Tolerances: revoked, temporary  <u>Alternate Names:</u>            9CI S-(2,3-dichloro-2-propenyl) bis(1-methyl-ethyl)carbamothioate            ISO di-allate            IUPAC S-2,3-dichloroallyl di-isopropyl=(thiocarbamate)            Other diallate            S-2,3-dichloroallyl diisopropyl=thiocarbamate            Trade Avadex</p>	<p><b>diazinon</b> <span style="float: right;"><b>333-41-5</b></span>            Use: insecticide            Category: parent            Mol. Form.: C12H21N2O3PS            LMS Code: 024            Tolerances: 180.153, 185.1750, 186.1750, foreign use  <u>Alternate Names:</u>            9CI O,O-diethyl O-(6-methyl-2-(1-methylethyl)-4-pyrimidinyl) phosphorothioate            ANSI diazinon            ISO diazinon            IUPAC O,O-diethyl O-2-isopropyl-6-methyl=pyrimidin-4-yl phosphorothioate            Trade Basudin            Spectracide</p>
<p><b>diafenthiuron</b> <span style="float: right;"><b>80060-09-9</b></span>            Use: acaricide            Category: parent            Mol. Form.: C23H32N2OS            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI N-(2,6-bis(1-methylethyl)-4-phenoxy=phenyl)-N'-(1,1-dimethylethyl)=thiourea            ISO diafenthiuron            IUPAC 1-tert-butyl-3-(2,6-di-isopropyl-4-phenoxyphenyl)thiourea            Other CGA-106630            Trade Pegasus            Polo</p>	<p><b>dibromochloropropane</b> <span style="float: right;"><b>96-12-8</b></span>            Use: fumigant            Category: parent            Mol. Form.: C3H5Br2Cl            LMS Code: 215            Tolerances: revoked  <u>Alternate Names:</u>            9CI 1,2-dibromo-3-chloropropane            IUPAC 1,2-dibromo-3-chloropropane            Other DBCP            dibromochloropropane            Trade Fumazone            Nemagon</p>
<p><b>dialifor</b> <span style="float: right;"><b>10311-84-9</b></span>            Use: insecticide            Category: parent            Mol. Form.: C14H17ClNO4PS2            LMS Code: 244            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI N-[2-chloro-1-(diethoxyphosphinothioyl)=thio)ethyl]phthalimide            S-(2-chloro-1-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)ethyl) O,O-diethyl phosphorothiodioate            ANSI dialifor            ISO dialifos            IUPAC S-2-chloro-1-phthalimidoethyl O,O-diethyl phosphorodithioate            Other Hercules 14503            Trade Torak</p>	<p><b>dibutyl phthalate</b> <span style="float: right;"><b>84-74-2</b></span>            Use: insect repellent            Category: parent            Mol. Form.: C16H22O4            LMS Code: 369            Tolerances:  <u>Alternate Names:</u>            9CI dibutyl 1,2-benzenedicarboxylate            Other butyl phthalate, normal            di(n-butyl) phthalate            dibutyl phthalate</p>
<p><b>diatomaceous earth</b> <span style="float: right;"><b>61790-53-2</b></span>            Use: insecticide            Category: parent            Mol. Form.:            LMS Code:            Tolerances: 185.1700, 186.1700  <u>Alternate Names:</u>            Other diatomaceous earth</p>	<p><b>dicamba</b> <span style="float: right;"><b>1918-00-9</b></span>            Use: herbicide            Category: parent            Mol. Form.: C8H6Cl2O3            LMS Code: 155            Tolerances: 180.227, foreign use  <u>Alternate Names:</u>            9CI 3,6-dichloro-2-methoxybenzoic acid            ANSI dicamba            ISO dicamba            IUPAC 3,6-dichloro-o-anisic acid            Trade Banvel D</p>
	<p><b>dichlobenil</b> <span style="float: right;"><b>1194-65-6</b></span>            Use: herbicide            Category: parent            Mol. Form.: C7H3Cl2N            LMS Code: 324            Tolerances: 180.231, foreign use  <u>Alternate Names:</u>            9CI 2,6-dichlorobenzonitrile            ANSI dichlobenil            ISO dichlobenil            IUPAC 2,6-dichlorobenzonitrile            Trade Casoron</p>

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<p><b>dichlofenthion</b> <span style="float: right;"><b>97-17-6</b></span>            Use: insecticide/fumigant            Category: parent            Mol. Form.: C10H13Cl2O3PS            LMS Code: 664            Tolerances: foreign use  <u>Alternate Names:</u>            9CI O-(2,4-dichlorophenyl) O,O-diethyl phosphorothioate            ANSI dichlofenthion            ISO dichlofenthion            IUPAC O-2,4-dichlorophenyl O,O-diethyl phosphorothioate            Other dichlorofenthion            VC-13            Trade Nemacide</p>	<p><b>dichlorobenzophenone, p,p'-</b> <span style="float: right;"><b>90-98-2</b></span>            Use:            Category: breakdown product            Mol. Form.: C13H8Cl2O            LMS Code: 507            Tolerances: 180.163  <u>Alternate Names:</u>            9CI bis(4-chlorophenyl)methanone            Other dichlorobenzophenone, p,p'-dicofol breakdown product</p>
<p><b>dichlofluamid</b> <span style="float: right;"><b>1085-98-9</b></span>            Use: fungicide            Category: parent            Mol. Form.: C9H11Cl2FN2O2S2            LMS Code: 588            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 1,1-dichloro-N-((dimethylamino)sulfonyl)-1-fluoro-N-phenylmethane=sulfenamide            ISO dichlofluamid            IUPAC N-dichlorofluoromethylthio-N',N'-dimethyl-N-phenylsulfamide            Other BAY 47531            Trade Elvaron            Euparen</p>	<p><b>dichloropropane</b> <span style="float: right;"><b>78-87-5</b></span>            Use: insecticide            Category: parent            Mol. Form.: C3H6Cl2            LMS Code: 975            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 1,2-dichloropropane            IUPAC 1,2-dichloropropane            Other dichloropropane            propylene dichloride</p>
<p><b>dichlone</b> <span style="float: right;"><b>117-80-6</b></span>            Use: fungicide            Category: parent            Mol. Form.: C10H4Cl2O2            LMS Code: 025            Tolerances: revoked  <u>Alternate Names:</u>            9CI 2,3-dichloro-1,4-naphthalenedione            ISO dichlone            IUPAC 2,3-dichloro-1,4-naphthoquinone            Trade Phygon</p>	<p><b>dichlorprop</b> <span style="float: right;"><b>120-36-5</b></span>            Use: herbicide            Category: parent            Mol. Form.: C9H8Cl2O3            LMS Code: A25            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2-(2,4-dichlorophenoxy)propanoic acid            ISO dichlorprop            IUPAC 2-(2,4-dichlorophenoxy)propionic acid, (RS)-            Other 2,4-DP            Trade Celatop DP            Cornox RK            Hedonal DP            Herbizid DP</p>
<p><b>dichlormid</b> <span style="float: right;"><b>37764-25-3</b></span>            Use: safener            Category: parent            Mol. Form.: C8H11Cl2NO            LMS Code: A43            Tolerances: 180.469, foreign use  <u>Alternate Names:</u>            9CI 2,2-dichloro-N,N-di-2-propenylacetamide            IUPAC N,N-diallyl-2,2-dichloroacetamide            Other dichlormid            N,N-diallyl dichloroacetamide            R25788</p>	<p><b>dichlorprop-P</b> <span style="float: right;"><b>15165-67-0</b></span>            Use: herbicide            Category: parent            Mol. Form.: C9H8Cl2O3            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 2-(2,4-dichlorophenoxy)propanoic acid, (R)-            ISO dichlorprop-P            IUPAC 2-(2,4-dichlorophenoxy)propionic acid, (R)-            Trade Duplosan DP</p>
<p><b>dichlorobenzophenone, o,p'-</b> <span style="float: right;"><b>85-29-0</b></span>            Use:            Category: breakdown product            Mol. Form.: C13H8Cl2O            LMS Code: 707            Tolerances: 180.163  <u>Alternate Names:</u>            9CI (2-chlorophenyl) (4-chlorophenyl)=methanone            Other dichlorobenzophenone, o,p'-dicofol breakdown product</p>	<p><b>dichlorvos</b> <span style="float: right;"><b>62-73-7</b></span>            Use: insecticide            Category: parent            Mol. Form.: C4H7Cl2O4P            LMS Code: 338            Tolerances: 180.235, 180.215, 185.1900, foreign use  <u>Alternate Names:</u>            9CI 2,2-dichloroethyl dimethyl phosphate            ISO dichlorvos            IUPAC 2,2-dichlorovinyl dimethyl phosphate            Other DDVP            naled metabolite            Trade No-pest            Vapona</p>

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**diclobutrazol** **75736-33-3**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>15</sub>H<sub>19</sub>Cl<sub>2</sub>N<sub>3</sub>O  
 LMS Code: 879  
 Tolerances: foreign use  
Alternate Names:  
 9CI  $\beta$ -(2,4-dichlorophenyl)methyl)- $\alpha$ -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol, (R\*,R\*)-(±)-  
 ISO diclobutrazol  
 IUPAC 1-(2,4-dichlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pentan-3-ol, (2RS,3RS)-  
 Trade Vigil

**diclocymet** **139920-32-4**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>15</sub>H<sub>18</sub>Cl<sub>2</sub>N<sub>2</sub>O  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 2-cyano-N-(1-(2,4-dichlorophenyl)ethyl)-3,3-dimethylbutanamide  
 ISO diclocymet  
 IUPAC 2-cyano-N-[(R)-1-(2,4-dichlorophenyl)ethyl]-3,3-dimethylbutyramide, (RS)-  
 Other S-2900

**diclofop-methyl** **51338-27-3**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>16</sub>H<sub>14</sub>Cl<sub>2</sub>O<sub>4</sub>  
 LMS Code: 299  
 Tolerances: 180.385, foreign use  
Alternate Names:  
 9CI methyl 2-(4-(2,4-dichlorophenoxy)phenoxy)propanoate  
 ANSI diclofop-methyl  
 ISO diclofop-methyl  
 Other HOE-023408  
 Trade Hoe-grass  
 Hoelon  
 Illoxan

**diclomezine** **62865-36-5**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>11</sub>H<sub>8</sub>Cl<sub>2</sub>N<sub>2</sub>O  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 6-(3,5-dichloro-4-methylphenyl)-3(2H)-pyridazinone  
 ISO diclomezine  
 IUPAC 6-(3,5-dichlorophenyl-p-tolyl)pyridazin-3(2H)-one  
 Trade Monguard

**dicloran** **99-30-9**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>6</sub>H<sub>4</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>  
 LMS Code: 144  
 Tolerances: 180.200, foreign use  
Alternate Names:  
 9CI 2,6-dichloro-4-nitrobenzenamine  
 IUPAC 2,6-dichloro-4-nitroaniline  
 Other dicloran  
 Trade Allisan  
 Botran

**diclosulam** **145701-21-9**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>13</sub>H<sub>10</sub>Cl<sub>2</sub>FN<sub>5</sub>O<sub>3</sub>S  
 LMS Code:  
 Tolerances: 180.543  
Alternate Names:  
 9CI N-(2,6-dichlorophenyl)-5-ethoxy-7-fluoro[1,2,4]triazolo[1,5-c]pyrimidine-2-sulfonamide  
 ANSI diclosulam  
 ISO diclosulam  
 IUPAC N-(2,6-dichlorophenyl)-5-ethoxy-7-fluoro[1,2,4]triazolo[1,5-c]pyrimidine-2-sulfonamide  
 Other XDE-564  
 Trade Strongarm

**dicofol**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>14</sub>H<sub>9</sub>Cl<sub>5</sub>O  
 LMS Code: 047  
 Tolerances: 180.163, foreign use  
Alternate Names:  
 9CI 4-chloro- $\alpha$ -(4-chlorophenyl)- $\alpha$ -(trichloromethyl)benzenemethanol  
 ISO dicofol  
 IUPAC 2,2,2-trichloro-1,1-bis(4-chlorophenyl)ethanol  
 Other 1,1-bis(p-chlorophenyl)-2,2,2-trichloroethanol  
 Trade Acarin  
 Kelthane

**dicrotophos** **141-66-2**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>8</sub>H<sub>16</sub>NO<sub>5</sub>P  
 LMS Code: 209  
 Tolerances: 180.299, foreign use  
Alternate Names:  
 9CI 3-(dimethylamino)-1-methyl-3-oxo-1-propenyl dimethyl phosphate, (E)-dimethyl 1-methyl-N,N-(dimethylamino)-3-oxo-1-propenyl phosphate, (E)-  
 ISO dicrotophos  
 IUPAC 2-dimethylcarbamoyl-1-methylvinyl dimethyl phosphate, (E)-3-dimethoxyphosphinoyloxy-N,N-dimethylisocrotonamide  
 Other dimethyl phosphate of 3-hydroxy-N-methyl-cis-crotonamide  
 Trade Bidrin  
 Carbicron  
 Ektafos

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<p><b>dicyclanil</b> <span style="float: right;"><b>112636-83-6</b></span>            Use: insect growth regulator            Category: parent            Mol. Form.: C8H10N6            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 4,6-diamino-2-(cyclopropylamino)-5-pyrimidincarbonitrile            ISO dicyclanil            IUPAC 4,6-diamino-2-cyclopropylamino-pyrimidine-5-carbonitrile            Other CGA-183893</p>	<p><b>difenacoum</b> <span style="float: right;"><b>56073-07-5</b></span>            Use: rodenticide            Category: parent            Mol. Form.: C31H24O3            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 3-[3-(1,1'-biphenyl)-4-yl-1,2,3,4-tetrahydro-1-naphthalenyl]-4-hydroxy-2H-1-benzopyran-2-one            ISO difenacoum            IUPAC 3-(3-biphenyl-4-yl-1,2,3,4-tetrahydro-1-naphthyl)-4-hydroxycoumarin            Other difenacoum            Trade Neoxorexa PP580                  PP 580                  Ratak                  WBA 8107</p>
<p><b>dieldrin</b> <span style="float: right;"><b>60-57-1</b></span>            Use: insecticide            Category: parent            Mol. Form.: C12H8Cl6O            LMS Code: 028            Tolerances: revoked  <u>Alternate Names:</u>            9CI 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,=6a,7,7a-octahydro-2,7:3,6-dimethanonaphth(2,3-b)oxirene, (1aA,2B,2aA,3B,6B,6aA,7B,7aA)-            ISO dieldrin                  HEOD            IUPAC 1,2,3,4,10,10-hexachloro-1,4,4a,5,6,=7,8,8a-octahydro-6,7-epoxy-1,4:5,8-dimethanonaphthalene, (1R,4S,4aS,5R,6R,7S,8S,8aR)-                  1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-endo-1,4-exo-5,8--dimethanonaphthalene            Trade Octalox                  Panoram D-31</p>	<p><b>difenoconazole</b> <span style="float: right;"><b>119446-68-3</b></span>            Use: fungicide            Category: parent            Mol. Form.: C19H17Cl2N3O3            LMS Code: B58            Tolerances: 180.475, foreign use  <u>Alternate Names:</u>            9CI 1-((2-(2-chloro-4-(4-chlorophenoxy)=phenyl)-4-methyl-1,3-dioxolan-2-yl)methyl)-1H-1,2,4-triazole                  1-[2-[4-(4-chlorophenoxy)-2-chlorophenyl]-4-methyl-1,3-dioxolan-2-ylmethyl]-1H-1,2,4-triazole            ISO difenoconazole            IUPAC 3-chloro-4-[4-methyl-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-2-yl]phenyl 4-chlorophenyl ether, cis-trans-            Other CGA-169374            Trade Dividend                  Dragon                  Score</p>
<p><b>diethatyl-ethyl</b> <span style="float: right;"><b>38727-55-8</b></span>            Use: herbicide            Category: parent            Mol. Form.: C16H22ClNO3            LMS Code: A27            Tolerances: revoked  <u>Alternate Names:</u>            9CI ethyl N-(chloroacetyl)-N-(2,6-diethylphenyl)glycine            ANSI diethatyl-ethyl            ISO diethatyl-ethyl            IUPAC ethyl, N-(chloroacetyl)-N-(2,6-diethylphenyl)glycinate            Trade Antor</p>	<p><b>difenoxuron</b> <span style="float: right;"><b>14214-32-5</b></span>            Use: herbicide            Category: parent            Mol. Form.: C16H18N2O3            LMS Code: 880            Tolerances: foreign use  <u>Alternate Names:</u>            9CI N'-(4-(4-methoxyphenoxy)phenyl)-N,N-dimethylurea            ISO difenoxuron            IUPAC 3-[4-(4-methoxyphenoxy)phenyl]-1,1-dimethylurea            Trade Lironion</p>
<p><b>diethofencarb</b> <span style="float: right;"><b>87130-20-9</b></span>            Use: fungicide            Category: parent            Mol. Form.: C14H21NO4            LMS Code: B62            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 1-methylethyl (3,4-diethoxyphenyl)=carbamate            ISO diethofencarb            IUPAC isopropyl 3,4-diethoxycarbanilate            Trade Powmil</p>	<p><b>difenzoquat methyl sulfate</b> <span style="float: right;"><b>43222-48-6</b></span>            Use: herbicide            Category: parent            Mol. Form.: C18H20N2O4S            LMS Code:            Tolerances: 180.369, foreign use  <u>Alternate Names:</u>            9CI 1,2-dimethyl-3,5-diphenyl-1H-pyrazolium methyl sulfate            ANSI difenzoquat methyl sulfate            ISO difenzoquat-methyl sulfate            Other difenzoquat metilsulfate            Trade Avenge                  Finaven</p>



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**difethialone** **104653-34-1**  
 Use: rodenticide  
 Category: parent  
 Mol. Form.: C31H23BrO2S  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 3-(3-(4'-bromo(1,1'-biphenyl)-4-yl)-1,2,3,4-tetrahydro-1-naphthalenyl)-4-hydroxy-2H-1-benzothiopyran-2-one  
 ISO difethialone  
 IUPAC 3-[(1RS,3RS;1RS,3SR)-3-(4'-bromo=biphenyl-4-yl)-1,2,3,4-tetrahydro-1-naphthyl]-4-hydroxy-1-benzothi-in-2-one  
 Other LM 2219  
 Trade FRAP

**diflubenzuron** **35367-38-5**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C14H9ClF2N2O2  
 LMS Code: 651  
 Tolerances: 180.377, 186.2000, foreign use  
Alternate Names:  
 9CI N-(((4-chlorophenyl)amino)carbonyl)-2,6-difluorobenzamide  
 ANSI diflubenzuron  
 ISO diflubenzuron  
 IUPAC 1-(4-chlorophenyl)-3-(2,6-difluoro=benzoyl)urea  
 Other difluron  
 Trade Dimilin

**diflufenican** **83164-33-4**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C19H11F5N2O2  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI N-(2,4-difluorophenyl)-2-(3-(trifluoro=methyl)phenoxy)-3-pyridine=carboxamide  
 ISO diflufenican  
 IUPAC 2',4'-difluoro-2-( $\alpha,\alpha,\alpha$ -trifluoro-m-tolyloxy)nicotinamide  
 Other DFF  
 diflufenical  
 Trade Kwarc

**diflufenzopyr** **109293-97-2**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C15H12F2N4O3  
 LMS Code:  
 Tolerances: 180.549  
Alternate Names:  
 9CI 2-(1-(((3,5-difluorophenyl)amino)=carbonyl)hydrazono)ethyl)-3-pyridinecarboxylic acid  
 ISO diflufenzopyr  
 IUPAC 2-{1-[4-(3,5-difluorophenyl)semicarba=zono]ethyl}nicotinic acid  
 Other BAS 654 H  
 SAN-835H  
 Trade Distinct

**diflumetorim** **130339-07-0**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C15H16ClF2N3O  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 5-chloro-N-(1-(4-(difluoromethoxy)phenyl)=propyl)-6-methyl-4-pyrimidinamine, ( $\pm$ )-  
 ISO diflumetorim  
 IUPAC 5-chloro-N-[1-(4-difluoromethoxy=phenyl)propyl]-6-methylpyrimidin-4-amine, (RS)-  
 Other UBF-002

**dihydro-5-heptyl-2(3H)-furanone** **104-67-6**  
 Use: insect repellent  
 Category: parent  
 Mol. Form.: C11H20O2  
 LMS Code:  
 Tolerances: 180.528  
Alternate Names:  
 9CI 5-heptyldihydro-2(3H)-furanone  
 dihydro-5-heptyl-2(3H)-furanone  
 Other 1,4-hendecanolide  
 1,4-undecanolide  
 4-hydroxyundecanoic acid lactone  
 4-undecanolide  
 heptyl-gamma-butyrolactone, gamma-lactone 4-hydroxyundecanoic acid, gamma-lactone 4-hydroxyundecanoic acid, gamma-n-heptylbutyrolactone, gamma-peach aldehyde  
 peach lactone  
 undecalactone, gamma-undecan-4-olide  
 undecanolactone, gamma-undecanolide, gamma-  
 Trade Persicol



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### **dihydro-5-pentyl-2(3H)-furanone** 104-61-0

Use: insect repellent  
 Category: parent  
 Mol. Form.: C9H16O2  
 LMS Code:  
 Tolerances: 180.529  
Alternate Names:  
 9CI dihydro-5-pentyl-2(3H)-furanone  
 Other 1,4-nonalolide  
 1,4-nonyl lactone  
 4-amil-4-hydroxybutyric acid lactone  
 4-hydroxynonanoic acid, gamma-lactone  
 4-nonolactone  
 4-nonanolide  
 4-pentyl-butanolide  
 amyl-gamma-butyrolactone, gamma-coconut aldehyde  
 delta-n-amilbutyrolactone  
 dihydro-5-pentyl-2(3H)-furanone lactone  
 4-hydroxynonanoic acid, gamma-n-amilbutyrolactone, gamma-nonolactone, gamma-nonan-1,4-olide  
 nonan-4-olide  
 nonanolactone, gamma-nonanolide, gamma-nonylactone, gamma-nonyllactone, gamma-pelargolactone, gamma-pentyl-gamma-butyrolactone, gamma-Trade Apricolin  
 Prunolide

### **Dilan** 8027-00-7

Use: insecticide  
 Category: parent  
 Mol. Form.: C15.5H14Cl2NO2  
 LMS Code: 337  
 Tolerances: none  
Alternate Names:  
 9CI 1,1'-(2-nitrobutylidene)bis(4-chloro=benzene) mixture with 1,1'-(2-nitro=propylidene)bis(4-chlorobenzene)  
 Other DDDP  
 Trade Dilan

### **dimefox** 115-26-4

Use: acaricide/insecticide  
 Category: parent  
 Mol. Form.: C4H12FN2OP  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI tetramethylphosphorodiamidic fluoride  
 ISO dimefox  
 IUPAC bis(dimethylamino)fluorophosphine oxide  
 tetramethylphosphorodiamidic fluoride  
 Other DMF  
 Trade Hanane  
 Pestox

### **dimefuron** 34205-21-5

Use: herbicide  
 Category: parent  
 Mol. Form.: C15H19ClN4O3  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI N'-(3-chloro-4-(5-(1,1-dimethylethyl)-2-oxo-1,3,4-oxadiazol-3(2H)-yl)phenyl)-N,N-dimethylurea  
 ISO dimefuron  
 IUPAC 3-[4-(5-tert-butyl-2,3-dihydro-2-oxo-1,3,4-oxadiazol-3-yl)-3-chlorophenyl]-1,1-dimethylurea  
 Trade Pradone

### **dimepiperate** 61432-55-1

Use: herbicide  
 Category: parent  
 Mol. Form.: C15H21NOS  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI S-(1-methyl-1-phenylethyl)-1-piperidinecarbothioate  
 ISO dimepiperate  
 IUPAC S-1-methyl-1-phenylethyl piperidine-1-carbothioate  
 Trade Yukamate

### **dimethachlor** 50563-36-5

Use: herbicide  
 Category: parent  
 Mol. Form.: C13H18ClNO2  
 LMS Code: A28  
 Tolerances: foreign use  
Alternate Names:  
 9CI 2-chloro-N-(2,6-dimethylphenyl)-N-(2-methoxyethyl)acetamide  
 ISO dimethachlor  
 IUPAC 2-chloro-N-(2-methoxyethyl)acet-2',6'-xylidide  
 Other CGA-17020  
 Trade Teridox

### **dimethametryn** 22936-75-0

Use: herbicide  
 Category: parent  
 Mol. Form.: C11H21N5S  
 LMS Code: 881  
 Tolerances: foreign use  
Alternate Names:  
 9CI N-(1,2-dimethylpropyl)-N'-ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine  
 ISO dimethametryn  
 IUPAC N2-(1,2-dimethylpropyl)-N4-ethyl-6-methylthio-1,3,5-triazine-2,4-diamine  
 Trade Dimepax

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### dimethenamid 87674-68-8

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>12</sub>H<sub>18</sub>ClNO<sub>2</sub>S  
 LMS Code:  
 Tolerances: 180.464  
Alternate Names:  
 9CI 2-chloro-N-(2,4-dimethyl-3-thienyl)-N-(2-methoxy-1-methylethyl) acetamide  
 ANSI dimethenamid  
 ISO dimethenamid  
 IUPAC 2-chloro-N-(2,4-dimethyl-3-thienyl)-N-(2-methoxy-1-methylethyl)acetamide, (RS)-  
 Other SAN-582H  
 Trade BAS 656034  
 Frontier

### dimethipin 55290-64-7

Use: plant growth regulator  
 Category: parent  
 Mol. Form.: C<sub>6</sub>H<sub>10</sub>O<sub>4</sub>S<sub>2</sub>  
 LMS Code: 787  
 Tolerances: 180.406, 186.2050, foreign use  
Alternate Names:  
 9CI 2,3-dihydro-5,6-dimethyl-1,4-dithiin 1,1,4,4-tetraoxide  
 ANSI dimethipin  
 IUPAC 2,3-dihydro-5,6-dimethyl-1,4-dithi-ine 1,1,4,4-tetraoxide  
 Other oxydimethiin  
 tetrathiin  
 Trade Harvade

### dimethirimol 5221-53-4

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>11</sub>H<sub>19</sub>N<sub>3</sub>O  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 5-butyl-2-(dimethylamino)-6-methyl-4(1H)-pyrimidinone  
 ISO dimethirimol  
 IUPAC 5-butyl-2-dimethylamino-6-methylpyrimidin-4-ol  
 Trade Milcurb

### dimethoate 60-51-5

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>5</sub>H<sub>12</sub>NO<sub>3</sub>PS<sub>2</sub>  
 LMS Code: 171  
 Tolerances: 180.204, 186.2100, foreign use  
Alternate Names:  
 9CI O,O-dimethyl S-(2-(methylamino)2-oxoethyl) phosphorodithioate  
 ANSI dimethoate  
 ISO dimethoate  
 IUPAC 2-dimethoxyphosphinothioylthio-N-methylacetamide  
 O,O-dimethyl S-methylcarbamoylmethyl phosphorodithioate  
 Trade Cygon  
 Rogor  
 Roxion

### dimethomorph 110488-70-5

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>21</sub>H<sub>22</sub>ClNO<sub>4</sub>  
 LMS Code:  
 Tolerances: 180.493, foreign use  
Alternate Names:  
 9CI 4-(3-(4-chlorophenyl)-3-(3,4-dimethoxy=phenyl)-1-oxo-2-propenyl)=morpholine  
 ISO dimethomorph  
 IUPAC 4-[3-(4-chlorophenyl)-3-(3,4-dimethoxy=phenyl)acryloyl]morpholine, (E,Z)-  
 Other CME 151  
 Trade Acrobat  
 Akrobat  
 Forum

### dimethylvinphos 2274-67-1

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>10</sub>H<sub>10</sub>Cl<sub>3</sub>O<sub>4</sub>P  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 2-chloro-1-(2,4-dichlorophenyl)ethenyl dimethyl phosphate, (Z)-  
 IUPAC 2-chloro-1-(2,4-dichlorophenyl)vinyl dimethyl phosphate, (Z)-  
 Other chlorfenvinphos-methyl  
 dimethylvinphos  
 Trade Rangado

### dimexano 1468-37-7

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>4</sub>H<sub>6</sub>O<sub>2</sub>S<sub>4</sub>  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI thioperoxydicarbonic acid (((HO)C(S))<sub>2</sub>S<sub>2</sub>) dimethyl ester  
 ISO dimexano  
 IUPAC O,O-dimethyl dithiobis(thioformate)

### diniconazole 83657-24-3

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>15</sub>H<sub>17</sub>Cl<sub>2</sub>N<sub>3</sub>O  
 LMS Code:  
 Tolerances: 186.2357, pending, foreign use  
Alternate Names:  
 9CI ((2,4)-dichlorophenyl)methylene- $\alpha$ -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol, (E)-( $\pm$ )- $\beta$ -  
 ANSI diniconazole  
 ISO diniconazole  
 IUPAC 1-(2,4-dichlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)-pent-1-en-3-ol, (E)-(RS)-  
 Trade Spotless  
 Sumi 8

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<p><b>dinitramine</b> <span style="float: right;"><b>29091-05-2</b></span>            Use: herbicide            Category: parent            Mol. Form.: C11H13F3N4O4            LMS Code: 775            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI N3,N3-diethyl-2,4-dinitro-6-(trifluoro-                      methyl)-1,3-benzenediamine            ANSI dinitramine            ISO dinitramine            IUPAC N1,N1-diethyl-2,6-dinitro-4-trifluoro-                      methyl-m-phenylenediamine            Other diethamine            Trade Cobex                  Usb 3584</p>	<p><b>dinotefuran</b> <span style="float: right;"><b>165252-70-0</b></span>            Use: insecticide            Category: parent            Mol. Form.: C7H14N4O3            LMS Code:            Tolerances: pending  <u>Alternate Names:</u>            9CI N-methyl-N'-nitro-N''-[(tetrahydro-3-                      furanyl)methyl]guanidine            ISO dinotefuran            IUPAC (EZ)-(RS)-1-methyl-2-nitro-3-(tetrahydro-                      3-furylmethyl)guanidine            Other dinotefuran                  MTI-446</p>
<p><b>dinobuton</b> <span style="float: right;"><b>973-21-7</b></span>            Use: acaricide            Category: parent            Mol. Form.: C14H18N2O7            LMS Code: 882            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 1-methylethyl 2-(1-methylpropyl)-4,6-                  dinitrophenyl carbonate            ISO dinobuton            IUPAC 2-sec-butyl-4,6-dinitrophenyl isopropyl                  carbonate            Trade Acrex                  Dessin                  Drawinol</p>	<p><b>dinoterb</b> <span style="float: right;"><b>1420-07-1</b></span>            Use: herbicide            Category: parent            Mol. Form.: C10H12N2O5            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2-(1,1-dimethylethyl)-4,6-dinitrophenol            ISO dinoterb            IUPAC 2-tert-butyl-4,6-dinitrophenol</p>
<p><b>dinocap</b> <span style="float: right;"><b>131-72-6</b></span>            Use: insecticide/fungicide            Category: parent            Mol. Form.: C18H24N2O6            LMS Code: 315            Tolerances: 180.341, 186.2400, foreign use  <u>Alternate Names:</u>            9CI 4,6-dinitrophenyl 2-(1-methylheptyl)-2-                  butenoate, (E)-            ISO dinocap            IUPAC 2,4-dinitro-6-octylphenyl crotonates and                  2,6-dinitro-4-octylphenyl crotonates                  in which "octyl" is a mixture of                  1-methylheptyl, 1-ethylhexyl and                  1-propylpentyl            Other 2,4-dinitro-6-octylphenyl crotonate and                  2,6-dinitro-4-octylphenyl crotonate            Trade Arathane                  Crothane                  Karathane</p>	<p><b>dinoterbon</b> <span style="float: right;"><b>6073-72-9</b></span>            Use: acaricide, fungicide            Category: parent            Mol. Form.: C13H16N2O7            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 2-(1,1-dimethylethyl)-4,6-dinitrophenyl                  ethyl carbonate            ISO dinoterbon            IUPAC 2-tert-butyl-4,6-dinitrophenyl ethyl                  carbonate</p>
<p><b>dinoseb</b> <span style="float: right;"><b>88-85-7</b></span>            Use: herbicide            Category: parent            Mol. Form.: C10H12N2O5            LMS Code: 031            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI 2-(1-methylpropyl)-4,6-dinitrophenol            ANSI dinoseb            ISO dinoseb            IUPAC 2-sec-butyl-4,6-dinitrophenol            Other DNBP                  DNOSBP                  DNSBP            Trade Elgetol 318</p>	<p><b>diufenolan</b> <span style="float: right;"><b>63837-33-2</b></span>            Use: insecticide            Category: reaction product            Mol. Form.: C18H20O4            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 2-ethyl-4-((4-phenoxy-phenoxy)methyl)-                  1,3-dioxolane            ISO diufenolan            IUPAC 4-(2-ethyl-1,3-dioxolan-4-                  ylmethoxy)phenyl phenyl ether            Other CGA-059205</p>

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<p><b>dioxabenzofos</b> <span style="float: right;"><b>3811-49-2</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>8</sub>H<sub>9</sub>O<sub>3</sub>PS            LMS Code: 262            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2-methoxy-4H-1,3,2-benzodioxaphosphorin 2-sulfide                  2-methoxy-4H-1,3,2-benzodioxaphosphorin-2-sulfide            ISO dioxabenzofos            IUPAC 2-methoxy-4H-1,3,2-lambda-5-benzodioxaphosphinine 2-sulfide, (RS)-                  2-methoxy-4H-1,3,2-lambda-5-benzodioxaphosphorine 2-sulfide, (RS)-            Other 2-methoxy-4H-(1.3.2)benzodioxaphosphorine 2-sulfide                  2-methoxy-4H-1,2,3-benzodioxaphosphorine-2-sulfide                  2-methoxy-4H-1,3,2-benzodioxaphosphorin 2-sulfide                  2-methoxy-4H-1,3,2-benzodioxaphosphorin 2-sulphide                  2-methoxy-4H-1,3,2-benzodioxaphosphorin 2-sulphide                  2-methoxy-4H-1,3,2-lambda-5-benzodioxaphosphinine 2-sulphide                  2-methoxy-4H-benzo-1,3,2-dioxaphosphorin 2-sulphide            cyclic O,O-(methylene-o-phenylene) phosphorothioate O-methyl ester            fenphosphorin            phosphorothioic acid, cyclic O,O-(methylene-o-phenylene) O-methyl ester            Trade K-9                  Salithion</p>	<p><b>diphenamid</b> <span style="float: right;"><b>957-51-7</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>16</sub>H<sub>17</sub>NO            LMS Code: 330            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI N,N-dimethyl-<math>\alpha</math>-phenylbenzeneacetamide            ANSI diphenamid            ISO diphenamid            IUPAC N,N-dimethyldiphenylacetamide            Trade Dyfen                  Dymid                  Enide</p>
<p><b>dioxacarb</b> <span style="float: right;"><b>6988-21-2</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>11</sub>H<sub>13</sub>NO<sub>4</sub>            LMS Code: 656            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2-(1,3-dioxolan-2-yl)phenyl methylcarbamate            ANSI dioxacarb            ISO dioxacarb            IUPAC 2-(1,3-dioxolan-2-yl)phenyl methylcarbamate            Trade Elocron                  Famid</p>	<p><b>diphenylamine</b> <span style="float: right;"><b>122-39-4</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>12</sub>H<sub>11</sub>N            LMS Code: 125            Tolerances: 180.190, foreign use  <u>Alternate Names:</u>            9CI N-phenylbenzenamine            IUPAC diphenylamine            Trade DPA</p>
<p><b>dioxathion</b> <span style="float: right;"><b>78-34-2</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>12</sub>H<sub>26</sub>O<sub>6</sub>P<sub>2</sub>S<sub>4</sub>            LMS Code: 103            Tolerances: revoked, 186.2450  <u>Alternate Names:</u>            9CI S,S'-1,4-dioxane-2,3-diyl O,O,O',O'-tetraethyl phosphorodithioate            ANSI dioxathion            ISO dioxathion            IUPAC S,S'-(1,4-dioxane-2,3-diyl) O,O,O',O'-tetraethyl bis(phosphorodithioate)            Trade Delnav</p>	<p><b>dipropetryn</b> <span style="float: right;"><b>4147-51-7</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>11</sub>H<sub>21</sub>N<sub>5</sub>S            LMS Code: 735            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI 6-(ethylthio)-N,N'-bis(1-methylethyl)-1,3,5-triazine-2,4-diamine            ANSI dipropetryn            ISO dipropetryn            IUPAC 6-ethylthio-N<sub>2</sub>,N<sub>4</sub>-di-isopropyl-1,3,5-triazine-2,4-diamine            Trade Cotofor                  Sancap</p>
<p><b>dipropyl isocinchomeronate</b> <span style="float: right;"><b>136-45-8</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>13</sub>H<sub>17</sub>NO<sub>4</sub>            LMS Code:            Tolerances: 180.143  <u>Alternate Names:</u>            9CI dipropyl 2,5-pyridinedicarboxylate            Other 2,5-pyridinedicarboxylic acid, dipropyl ester                  di-n-propyl 2,5-pyridinedicarboxylate                  di-n-propyl isocinchomeronate                  di-propylisocinchomeronate                  dipropyl isocinchomeronate                  dipropyl pyridine-2,5-dicarboxylate                  isocinchomeric acid, dipropyl ester                  isocinchomeronyl dipropyl ester                  MGK 326                  MGK R-326                  MGK repellent-326                  R-326                  Repper 333</p>	<p><b>dipropetryn</b> <span style="float: right;"><b>4147-51-7</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>11</sub>H<sub>21</sub>N<sub>5</sub>S            LMS Code: 735            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI 6-(ethylthio)-N,N'-bis(1-methylethyl)-1,3,5-triazine-2,4-diamine            ANSI dipropetryn            ISO dipropetryn            IUPAC 6-ethylthio-N<sub>2</sub>,N<sub>4</sub>-di-isopropyl-1,3,5-triazine-2,4-diamine            Trade Cotofor                  Sancap</p>

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**dipyrithione** **3696-28-4**

Use: bactericide, fungicide  
 Category: parent  
 Mol. Form.: C10H8N2O2S2  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 2,2'-dithiobis(pyridine) 1,1'-dioxide  
 ISO dipyrithione  
 IUPAC di-2-pyridyl disulfide 1,1'-dioxide

**diquat** **2764-72-9**

Use: plant growth regulator  
 Category: parent  
 Mol. Form.: C12H12N2  
 LMS Code: 527  
 Tolerances: 180.226, 185.2500, 186.2500, foreign use

Alternate Names:

9CI 6,7-dihydrodipyrido(1,2-a:2',1'-c)pyrazinediinium ion  
 ANSI diquat  
 ISO diquat  
 IUPAC 1,1'-ethylene-2,2'-bipyridylium  
 6,7-dihydrodipyrido[1,2-a:2',1'-c]pyrazine-5,8-di-ium  
 9,10-dihydro-8a,10a-diazonia=phenanthrene  
 Trade Aquacide  
 Reglone  
 Reglox

**disodium arsenate** **7778-43-0**

Use: insecticide  
 Category: parent  
 Mol. Form.: AsHNa2O4  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 Other arsenic acid, disodium salt  
 disodium arsenate  
 disodium hydrogen arsenate  
 sodium arsenate  
 sodium arsenate dibasic  
 sodium orthoarsenate

**disul-Na** **136-78-7**

Use: herbicide  
 Category: parent  
 Mol. Form.: C8H7Cl2O5S•Na  
 LMS Code: 079  
 Tolerances: revoked  
Alternate Names:  
 9CI sodium 2-(2,4-dichlorophenoxy)ethanyl hydrogen sulfate  
 Other 2,4-des sodium  
 disul-Na  
 disul-sodium  
 sesone  
 Trade Crag Herbicide I  
 SES

**disulfoton** **298-04-4**

Use: insecticide  
 Category: parent  
 Mol. Form.: C8H19O2PS3  
 LMS Code: 117  
 Tolerances: 180.183, 186.1950, foreign use

Alternate Names:

9CI O,O-diethyl S-(2-(ethylthio)ethyl) phosphorodithioate  
 ISO disulfoton  
 IUPAC O,O-diethyl S-2-ethylthioethyl phosphorodithioate  
 Other dithiodemeton  
 dithiosystox  
 thiodemeton  
 thiometon-ethyl  
 Trade Disyston

**ditalimfos** **5131-24-8**

Use: fungicide  
 Category: parent  
 Mol. Form.: C12H14NO4PS  
 LMS Code:  
 Tolerances:

Alternate Names:

9CI O,O-diethyl (1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl) phosphonothioate  
 ANSI ditalimfos  
 IUPAC N-diethoxyphosphinothiophthalimide  
 O,O-diethyl phthalimidophosphonothioate  
 Trade Dowco 199  
 Laptran  
 Plondrel

**dithianon** **3347-22-6**

Use: fungicide  
 Category: parent  
 Mol. Form.: C14H4O2N2S2  
 LMS Code:  
 Tolerances: pending, foreign use

Alternate Names:

9CI 5,10-dihydro-5,10-dioxonaphtho(2,3-b)-1,4-dithiin-2,3-dicarbonitrile  
 ISO dithianon  
 IUPAC 5,10-dihydro-5,10-dioxonaphtho[2,3-b]-1,4-dithi-in-2,3-dicarbonitrile  
 Trade Delan

**dithiopyr** **97886-45-8**

Use: herbicide  
 Category: parent  
 Mol. Form.: C15H16F5NO2S2  
 LMS Code:  
 Tolerances: pending

Alternate Names:

9CI S,S'-dimethyl (2-difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-3,5-pyridinedicarbothioate  
 ANSI dithiopyr  
 ISO dithiopyr  
 IUPAC S,S'-dimethyl 2-difluoromethyl-4-isobutyl-6-trifluoromethylpyridine-3,5-dicarbothioate  
 Other MON 15100  
 MON 7200  
 Trade Dimension

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<p><b>diuron</b> <span style="float: right;"><b>330-54-1</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>9</sub>H<sub>10</sub>Cl<sub>2</sub>N<sub>2</sub>O            LMS Code: 032            Tolerances: 180.106, 186.2550, foreign use  <u>Alternate Names:</u>            9CI N'-(3,4-dichlorophenyl)-N,N-dimethylurea            ANSI diuron            ISO diuron            IUPAC 3-(3,4-dichlorophenyl)-1,1-dimethylurea            Trade Karmex</p>	<p><b>DPX-MP062</b> <span style="float: right;"><b>144171-61-9</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>22</sub>H<sub>17</sub>ClF<sub>3</sub>N<sub>3</sub>O<sub>7</sub>            LMS Code: B40            Tolerances: 180.564  <u>Alternate Names:</u>            9CI methyl 7-chloro-2,5-dihydro-2-                (((methoxycarbonyl)(4-(trifluoro=                methoxy)phenyl)amino)carbonyl)-                indeno(1,2,-e)(1,3,4)oxadiazine-                4a(3H)-carboxylate            IUPAC methyl 7-chloro-2,3,4a,5-tetrahydro-2-                [methoxycarbonyl(4-trifluoro=                methoxyphenyl)carbamoyl]=                indeno[1,2-e][1,3,4]oxadiazine-4a-                carboxylate            Other DPX-JW062                methyl 7-chloro-2,5-dihydro-2-(((methoxy=                carbonyl)(4-(trifluoromethoxy)=                phenyl)amino)carbonyl)-indeno(1,2,-                e)(1,3,4)oxadiazine-4a(3H)-                carboxylate, (R,S)-            Trade DPX-MP062</p>
<p><b>DNOC</b> <span style="float: right;"><b>534-52-1</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: C<sub>7</sub>H<sub>6</sub>N<sub>2</sub>O<sub>5</sub>            LMS Code: 029            Tolerances: 180.344, foreign use  <u>Alternate Names:</u>            9CI 2-methyl-4,6-dinitrophenol            ISO DNOC            IUPAC 4,6-dinitro-o-cresol            Other dinitro-ortho-cresol            Trade Elgetox                Sincox</p>	<p><b>drazoxolon</b> <span style="float: right;"><b>5707-69-7</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>10</sub>H<sub>8</sub>ClN<sub>3</sub>O<sub>2</sub>            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 3-methyl-4,5-isoxazolidione 4-[(2-                chlorophenyl)hydrazono]            ISO drazoxolon            IUPAC 4-(2-chlorophenylhydrazono)-3-methyl-                1,2-oxazol-5(4H)-one                4-(2-chlorophenylhydrazono)-3-                methylisoxazol-5(4H)-one            Trade Mil-Col</p>
<p><b>dodemorph acetate</b> <span style="float: right;"><b>31717-87-0</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>20</sub>H<sub>39</sub>N<sub>3</sub>O<sub>3</sub>            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 4-cyclododecyl-2,6-dimethylmorpholine                acetate            ISO dodemorph acetate            Trade Meltatox                Milban</p>	<p><b>DSMA</b> <span style="float: right;"><b>144-21-8</b></span>            Use: herbicide            Category: formulation            Mol. Form.: CH<sub>3</sub>AsNa<sub>2</sub>O<sub>3</sub>            LMS Code: 220            Tolerances: 180.289, foreign use  <u>Alternate Names:</u>            9CI disodium methylarsonate            IUPAC disodium methylarsonate            Other disodium methanearsonate                disodium salt of methanearsonic acid                DSMA            Trade Ansar                Crab-e-rad                Di-tac                Methar                Sodar                Weed-e-rad</p>
<p><b>dodine</b> <span style="float: right;"><b>2439-10-3</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>15</sub>H<sub>33</sub>N<sub>3</sub>O<sub>2</sub>            LMS Code: 104            Tolerances: 180.172, foreign use  <u>Alternate Names:</u>            9CI dodecylguanidine monoacetate            ANSI dodine            ISO dodine            IUPAC 1-dodecylguanidinium acetate            Other AC 5,223            Trade Cyprex</p>	



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## E

**edifenphos** **17109-49-8**

Use: fungicide  
 Category: parent  
 Mol. Form.: C14H15O2PS2  
 LMS Code: 839  
 Tolerances: foreign use  
Alternate Names:  
 9CI O-ethyl S,S-diphenyl phosphorodithioate  
 ISO edifenphos  
 IUPAC O-ethyl S,S-diphenyl phosphorodithioate  
 Trade Hinosan

**emamectin benzoate (salt)** **137512-74-4**

Use: insecticide  
 Category: parent  
 Mol. Form.: C49H75NO13•C7H6O2  
 LMS Code:  
 Tolerances: 180.505  
Alternate Names:  
 9CI (4"R)-5-O-demethyl-4"-deoxy-4"-  
 (methylamino)avermectin A1a  
 benzoate (salt) + (4"R)-5-O-  
 demethyl-25-de(1-methylpropyl)-4"-  
 deoxy-4"- (methylamino)-25-(1-  
 methylethyl)avermectin A1a  
 benzoate (salt) (4:1)  
 ANSI emamectin benzoate (salt)  
 ISO emamectin benzoate  
 Other MK-244  
 Trade Proclaim

**endosulfan** **115-29-7**

Use: insecticide  
 Category: parent  
 Mol. Form.: C9H6Cl6O3S  
 LMS Code: 115  
 Tolerances: 180.182, 185.2600, foreign use  
Alternate Names:  
 9CI 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-  
 hexahydro-6,9-methano-2,4,3-  
 benzodioxathiepin 3-oxide  
 ANSI endosulfan  
 ISO endosulfan  
 IUPAC (1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-  
 5-en-2,3-ylenebismethylene) sulfite  
 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-  
 hexahydro-6,9-methano-2,4,3-  
 benzodioxathiepin 3-oxide  
 Trade Cyclodan  
 Thiodan

**endosulfan I** **959-98-8**

Use: insecticide  
 Category: component  
 Mol. Form.: C9H6Cl6O3S  
 LMS Code: 900  
 Tolerances: 180.182, 185.2600, foreign use  
Alternate Names:  
 9CI 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-  
 hexahydro-6,9-methano-2,4,3-  
 benzodioxathiepin 3-oxide, (3 A, =  
 5a B, 6 A, 9 A, 9a B)-  
 ANSI endosulfan I  
 ISO endosulfan I  
 Other 1,4,5,6,7,7-hexachloro-5-norbornene-2,3-  
 dimethanol cyclic sulfite, endo-  
 benzoepin, alpha-  
 endosulfan I  
 endosulfan A  
 endosulfan-alpha  
 Thiodan I  
 Thiodan, alpha-  
 Thionex, beta-

**endosulfan II** **33213-65-9**

Use: insecticide  
 Category: component  
 Mol. Form.: C9H6Cl6O3S  
 LMS Code: 901  
 Tolerances: 180.182, 185.2600, foreign use  
Alternate Names:  
 9CI 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-  
 hexahydro-6,9-methano-2,4,3-  
 benzodioxathiepin 3-oxide, (3 A, =  
 5a A, 6 B, 9 B, 9a A)-  
 ANSI endosulfan II  
 ISO endosulfan II  
 Other alpha-Thionex  
 beta-benzoepin  
 beta-Thiodan  
 endosulfan 2  
 endosulfan B  
 endosulfan-beta  
 exo-1,4,5,6,7,7-hexachloro-5-norbornene-  
 2,3-dimethanol cyclic sulfite  
 Thiodan II

**endosulfan sulfate** **1031-07-8**

Use: metabolite  
 Category: metabolite  
 Mol. Form.: C9H6Cl6O4S  
 LMS Code: 902  
 Tolerances: 180.182, 185.2600, foreign use  
Alternate Names:  
 9CI 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-  
 hexahydro-6,9-methano-2,4,3-  
 benzodioxathiepin 3,3-dioxide  
 ANSI endosulfan sulfate  
 ISO endosulfan sulfate  
 Other Thiodan sulfate

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### endothal-sodium 129-67-9

Use: herbicide  
 Category: formulation  
 Mol. Form.: C<sub>8</sub>H<sub>10</sub>O<sub>5</sub>•Na<sub>2</sub>  
 LMS Code:  
 Tolerances: 180.293  
Alternate Names:  
 9CI disodium 7-oxabicyclo(2.2.1)heptane-2,3-dicarboxylate  
 ISO endothal-sodium  
 Other Aquathol  
 Trade Accelerate

### endothall 145-73-3

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>8</sub>H<sub>10</sub>O<sub>5</sub>  
 LMS Code:  
 Tolerances: 180.293, foreign use  
Alternate Names:  
 9CI 7-oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid  
 ANSI endothall  
 ISO endothall  
 IUPAC 7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid  
 Trade Herbicide 273  
 Hydout

### endrin 72-20-8

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>12</sub>H<sub>8</sub>Cl<sub>6</sub>O  
 LMS Code: 034  
 Tolerances: revoked  
Alternate Names:  
 9CI 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-2,7:3,6-dimethanonaphth(2,3-b)oxirene, (1aA,2B,2aB,3A,6A,6aB,7B,7aA)-  
 ISO endrin  
 IUPAC 1,2,3,4,10,10-hexachloro-1,4,4a,5,6,7,8,8a-octahydro-6,7-epoxy-1,4:5,8-dimethano=naphthalene, (1R,4S,4aS,5S,6S,7R,8R,8aR)-  
 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-exo-1,4-exo-5,8-dimethanonaphthalene  
 Other hexadrin  
 Trade Endrex

### endrin ketone 53494-70-5

Use:  
 Category: metabolite  
 Mol. Form.: C<sub>12</sub>H<sub>8</sub>Cl<sub>6</sub>O  
 LMS Code: 615  
 Tolerances: revoked  
Alternate Names:  
 9CI 3b,4,5,6,6a-hexachlorodecahydro-2,5,7-metheno-3H-cyclopenta(a)pentalen-3-one, (2 A, 3a B, 3b B, 4 B, 5 B, = 6a B, 7 A, 7a B, 8R\*)-  
 Other delta keto 153  
 endrin ketone  
 ketoendrin, delta-

### EPN 2104-64-5

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>14</sub>H<sub>14</sub>NO<sub>4</sub>PS  
 LMS Code: 035  
 Tolerances: revoked, foreign use  
Alternate Names:  
 9CI O-ethyl O-(4-nitrophenyl)phenylphosphonothioate  
 IUPAC O-ethyl O-4-nitrophenylphenylphosphonothioate  
 Other EPN

### epoxiconazole 135319-73-2

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>17</sub>H<sub>13</sub>ClFN<sub>3</sub>O  
 LMS Code: B53  
 Tolerances: pending  
Alternate Names:  
 9CI 1-((3-(2-chlorophenyl)-2-(4-fluorophenyl)=oxiranyl)methyl)-1H-1,2,4-triazole, cis-  
 ISO epoxiconazole  
 IUPAC 1-[3-(2-chlorophenyl)-2,3-epoxy-2-(4-fluorophenyl)propyl]-1H-1,2,4-triazole,(2RS,3SR)-  
 Other 1-(3-o-chlorophenyl-2-p-fluorophenyl=oxiran-2-ylmethyl)-1,2,4-triazole, (2RS,3SR)-  
 3-(2-chlorophenyl)-2-(4-fluorophenyl)-2-[(1H-1,2,4-triazol-1-yl)methyl]=oxirane,(2RS,3SR)-  
 Trade BAS 480 F  
 Opus

### EPTC 759-94-4

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>9</sub>H<sub>19</sub>NOS  
 LMS Code: 200  
 Tolerances: 180.117, foreign use  
Alternate Names:  
 9CI S-ethyl dipropylcarbamothioate  
 ISO EPTC  
 IUPAC S-ethyl dipropylthiocarbamate  
 Trade Eptam

### esfenvalerate 66230-04-4

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>25</sub>H<sub>22</sub>ClNO<sub>3</sub>  
 LMS Code: 714  
 Tolerances: 180.533, foreign use  
Alternate Names:  
 9CI cyano(3-phenoxyphenyl)methyl 4-chloro-α-(1-methylethyl)benzeneacetate, (S-(R\*,R\*))-  
 ISO esfenvalerate  
 IUPAC cyano-3-phenoxybenzyl (S)-2-(4-chlorophenyl)-3-methylbutyrate, (S)-α-  
 Other fenvalerate isomer  
 Trade Asana  
 Sumi-alpha

## FDA Glossary of Pesticide Chemicals

<p><b>esprocarb</b> <span style="float: right;"><b>85785-20-2</b></span>            Use: herbicide            Category: parent            Mol. Form.: C15H23NOS            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI S-(phenylmethyl) (1,2-dimethylpropyl)=                      ethylcarbamothioate                      S-(phenylmethyl) (1,2-dimethylpropyl)=                      ethylthiocarbamate            ISO esprocarb            IUPAC S-benzyl 1,2-dimethylpropyl(ethyl)=                      thiocarbamate            Other SC-2957</p>	<p><b>ethephon</b> <span style="float: right;"><b>16672-87-0</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: C2H6ClO3P            LMS Code: 730            Tolerances: 180.300, 185.2700, 186.2700, foreign                      use  <u>Alternate Names:</u>            9CI (2-chloroethyl)phosphonic acid            ANSI ethephon            IUPAC 2-chloroethylphosphonic acid            Trade Bromeflor                      Cerone                      Ethrel                      Florel                      Prep</p>
<p><b>etaconazole</b> <span style="float: right;"><b>60207-93-4</b></span>            Use: fungicide            Category: parent            Mol. Form.: C14H15Cl2N3O2            LMS Code: 883            Tolerances: temporary, foreign  <u>Alternate Names:</u>            9CI 1-((2-(2,4-dichlorophenyl)-4-ethyl-1,3-                      dioxolan-2-yl)methyl)-1H-1,2,4-                      triazole            ISO etaconazole            IUPAC 1-[2-(2,4-dichlorophenyl)-4-ethyl-1,3-                      dioxolan-2-ylmethyl]-1H-1,2,4-                      triazole,(RS)-            Other CGA-64251            Trade Sonax                      Vanguard</p>	<p><b>ethiofencarb</b> <span style="float: right;"><b>29973-13-5</b></span>            Use: insecticide            Category: parent            Mol. Form.: C10H15NO2S            LMS Code: 858            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2-((ethylthio)methyl)phenol                      methylcarbamate                      2-((ethylthio)methyl)phenyl                      methylcarbamate            ISO ethiofencarb            IUPAC <math>\alpha</math>-ethylthio-o-tolyl methylcarbamate            Other (2-ethylthiomethyl-phenyl)-N-                      methylcarbamate                      2-((ethylthio)methyl)phenol                      methylcarbamate                      2-ethyl-mercaptomethyl-phenyl-N-                      methylcarbamate                      2-ethylthiomethylphenyl N-                      methylcarbamate                      <math>\alpha</math>-(ethylthio)-o-tolyl methylcarbamate                      propoxylor            Trade Croneton</p>
<p><b>ethalfluralin</b> <span style="float: right;"><b>55283-68-6</b></span>            Use: herbicide            Category: parent            Mol. Form.: C13H14F3N3O4            LMS Code: 721            Tolerances: 180.416, foreign use  <u>Alternate Names:</u>            9CI N-ethyl-N-(2-methyl-2-propenyl)-2,6-                      dinitro-4-(trifluoromethyl)benzen=                      amine            ANSI ethalfluralin            ISO ethalfluralin            IUPAC N-ethyl-<math>\alpha,\alpha,\alpha</math>-trifluoro-N-(2-methylallyl)-                      2,6-dinitro-p-toluidine            Trade Sonalan</p>	<p><b>ethiolate</b> <span style="float: right;"><b>2941-55-1</b></span>            Use: herbicide            Category: parent            Mol. Form.: C7H15NOS            LMS Code: 830            Tolerances: revoked  <u>Alternate Names:</u>            9CI S-ethyl diethylcarbamothioate            ISO ethiolate            IUPAC S-ethyl diethylthiocarbamate            Other ethiolate            Trade Prefox component</p>
<p><b>ethametsulfuron methyl ester</b> <span style="float: right;"><b>97780-06-8</b></span>            Use: herbicide            Category: parent            Mol. Form.: C15H18N6O6S            LMS Code:            Tolerances: 180.563, foreign use  <u>Alternate Names:</u>            9CI methyl 2-((((4-ethoxy-6-(methylamino)-                      1,3,5-triazin-2-yl)amino)carbonyl)=                      amino)sulfonyl)benzoate            ANSI ethametsulfuron methyl ester            ISO ethametsulfuron-methyl            IUPAC methyl 2-[(4-ethoxy-6-methylamino-1,3,5-                      triazin-2-yl)carbamoylsulfamoyl]=                      benzoate            Other DPX-A7881                      ethametsulfuron methyl            Trade Muster</p>	<p><b>ethion</b> <span style="float: right;"><b>563-12-2</b></span>            Use: insecticide            Category: parent            Mol. Form.: C9H22O4P2S4            LMS Code: 107            Tolerances: 180.173, 185.2750, 186.2750, foreign                      use  <u>Alternate Names:</u>            9CI S,S-methylene O,O,O',O'-tetraethyl                      phosphorodithioate            ANSI ethion            ISO ethion            IUPAC O,O,O',O'-tetraethyl S,S'-methylene                      bis(phosphorodithioate)            Trade Nialate</p>



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<p><b>ethylene dibromide</b> <span style="float: right;"><b>106-93-4</b></span>            Use: fumigant            Category: parent            Mol. Form.: C<sub>2</sub>H<sub>4</sub>Br<sub>2</sub>            LMS Code: 036            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI 1,2-dibromoethane            IUPAC 1,2-dibromoethane                    ethylene dibromide            Other bromofume                    EDB                    ethylene dibromide            Trade Dowfume W-85</p>	<p><b>etobenzanid</b> <span style="float: right;"><b>79540-50-4</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>16</sub>H<sub>15</sub>Cl<sub>2</sub>NO<sub>3</sub>            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI N-(2,3-dichlorophenyl)-4-(ethoxymethoxy)=                    benzamide            ISO etobenzanid            IUPAC 2',3'-dichloro-4-ethoxymethoxybenzanilide            Other HW-52</p>
<p><b>ethylene dichloride</b> <span style="float: right;"><b>107-06-2</b></span>            Use: fumigant            Category: parent            Mol. Form.: C<sub>2</sub>H<sub>4</sub>Cl<sub>2</sub>            LMS Code: 037            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 1,2-dichloroethane            IUPAC 1,2-dichloroethane                    ethylene dichloride            Other EDC                    ethylene chloride                    ethylene dichloride</p>	<p><b>etofenprox</b> <span style="float: right;"><b>80844-07-1</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>25</sub>H<sub>28</sub>O<sub>3</sub>            LMS Code: B69            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 1-((2-(4-ethoxyphenyl)-2-methylpropoxy)=                    methyl)-3-phenoxybenzene            ISO etofenprox            IUPAC 2-(4-ethoxyphenyl)-2-methylpropyl 3-                    phenoxybenzyl ether            Other ethofenprox                    Lenatop                    MTI 500                    Vectron            Trade Trebon</p>
<p><b>ethylene oxide</b> <span style="float: right;"><b>75-21-8</b></span>            Use: fumigant            Category: parent            Mol. Form.: C<sub>2</sub>H<sub>4</sub>O            LMS Code: 038            Tolerances: 180.151, 185.2850  <u>Alternate Names:</u>            9CI oxirane            IUPAC oxirane            Other anprolene                    epoxyethane                    ethylene oxide            Trade ETO</p>	<p><b>etoxazole</b> <span style="float: right;"><b>153233-91-1</b></span>            Use: acaricide            Category: parent            Mol. Form.: C<sub>21</sub>H<sub>23</sub>F<sub>2</sub>NO<sub>2</sub>            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 2(2,6-difluorophenyl)-4-(4-(1,1-                    dimethylethyl)-2-ethoxyphenyl)-4,5-                    dihydrooxazole            ISO etoxazole            IUPAC 5-tert-butyl-2-[2-(2,6-difluorophenyl)-4,5-                    dihydro-1,3-oxazol-4-yl]phenetole,                    (RS)-            Other YI-5301            Trade TetraSan</p>
<p><b>ethylenethiourea</b> <span style="float: right;"><b>96-45-7</b></span>            Use:            Category: metabolite            Mol. Form.: C<sub>3</sub>H<sub>6</sub>N<sub>2</sub>S            LMS Code: 364            Tolerances: revoked  <u>Alternate Names:</u>            9CI 2-imidazolidinethione            Other ethylenebisdithiocarbamate metabolite                    ethylenethiourea</p>	<p><b>etridiazole</b> <span style="float: right;"><b>2593-15-9</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>5</sub>H<sub>5</sub>Cl<sub>3</sub>N<sub>2</sub>O<sub>5</sub>            LMS Code: 722            Tolerances: 180.370, foreign use  <u>Alternate Names:</u>            9CI 5-ethoxy-3-(trichloromethyl)-1,2,4-                    thiadiazole            ISO etridiazole            IUPAC ethyl 3-trichloromethyl-1,2,4-thiadiazol-5-                    yl ether            Other ethazol            Trade Dwell                    Koban                    Terrazole                    Truban</p>
<p><b>etinofen</b> <span style="float: right;"><b>2544-94-7</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>9</sub>H<sub>10</sub>N<sub>2</sub>O<sub>6</sub>            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 2-(ethoxymethyl)-4,6-dinitrophenol            ISO etinofen            IUPAC ethoxy-4,6-dinitro-<i>o</i>-cresol, <math>\alpha</math>-            Other 2-ethoxymethyl-4,6-dinitrophenol                    etinofen</p>	



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**etrimfos** **38260-54-7**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C10H17N2O4PS  
 LMS Code: 293  
 Tolerances: temporary, foreign  
Alternate Names:  
 9CI O-(6-ethoxy-2-ethyl-4-pyrimidinyl) O,O-dimethyl phosphorothioate  
 ANSI etrimfos  
 ISO etrimfos  
 IUPAC O-6-ethoxy-2-ethylpyrimidin-4-yl O,O-dimethyl phosphorothioate  
 Trade Ekamet  
 Satisfar

### F

**famoxadone** **131807-57-3**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C22H18N2O4  
 LMS Code:  
 Tolerances: 180.587  
Alternate Names:  
 9CI 5-methyl-5-(4-phenoxyphenyl)-3-(phenylamino)-2,4-oxazolinedione  
 ANSI famoxadone (prop)  
 ISO famoxadone  
 IUPAC 3-anilino-5-methyl-5-(4-phenoxyphenyl)-1,3-oxazolidine-2,4-dione

**famphur** **52-85-7**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C10H16NO5PS2  
 LMS Code: 603  
 Tolerances: revoked  
Alternate Names:  
 9CI O,O-dimethyl O-(4-((dimethylamino)=sulfonyl)phenyl) phosphorothioate  
 IUPAC 4-dimethoxyphosphinothioxyloxy-N,N-dimethylbenzenesulfonamide  
 O-4-dimethylsulfamoylphenyl O,O-dimethyl phosphorothioate  
 Other famphur  
 Trade Famophos  
 Warbex

**fenac** **85-34-7**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C8H5Cl3O2  
 LMS Code: 542  
 Tolerances: revoked  
Alternate Names:  
 9CI 2,3,6-trichlorobenzeneacetic acid  
 ISO chlorfenac  
 IUPAC (2,3,6-trichlorophenyl)acetic acid  
 Other 2,3,6-trichlorophenylacetic acid  
 fenac

**fenamidone** **161326-34-7**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C17H17N3OS  
 LMS Code: B64  
 Tolerances: 180.579  
Alternate Names:  
 9CI 3,5-dihydro-5-methyl-2-(methylthio)-5-phenyl-3-(phenylamino)-4H-imidazol-4-one, (5S)-  
 ISO fenamidone  
 IUPAC (S)-1-anilino-4-methyl-2-methylthio-4-phenylimidazolin-5-one  
 Other 4-methyl-2-methylthio-4-phenyl-(1H)-1-phenylamino-2-imidazolin-5-one, (+)-(4S)  
 Trade RPA 407213

**fenaminosulf** **140-56-7**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C8H10N3NaO3S  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI sodium (4-(dimethylamino)phenyl)=diazenesulfonate  
 ISO fenaminosulf  
 IUPAC sodium 4-dimethylaminobenzene=diazosulfonate  
 Other dexon  
 dexoxon  
 Trade Lesan

**fenamiphos** **22224-92-6**  
 Use: fumigant  
 Category: parent  
 Mol. Form.: C13H22NO3PS  
 LMS Code: 236  
 Tolerances: 180.349, 185.2950, 186.2950, foreign use  
Alternate Names:  
 9CI ethyl 3-methyl-4-(methylthio)phenyl (1-methylethyl)phosphoramidate  
 ISO fenamiphos  
 IUPAC ethyl 4-methylthio-m-tolyl isopropylphosphoramidate  
 Other BAY 68138  
 phenamiphos  
 Trade Nemacur

**fenarimol** **60168-88-9**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C17H12N2OC12  
 LMS Code: 271  
 Tolerances: 180.421, foreign use  
Alternate Names:  
 9CI (2-chlorophenyl)- $\alpha$ -(4-chlorophenyl)-5-pyrimidinemethanol,  $\alpha$ -  
 ANSI fenarimol  
 ISO fenarimol  
 IUPAC 2,4'-dichloro- $\alpha$ -(pyrimidin-5-yl)benzhydrylic alcohol, (RS)-  
 Trade Bloc  
 Rigidin  
 Rimidin  
 Rubigan  
 Tebulan



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<p><b>fenazaquin</b> <span style="float: right;"><b>120928-09-8</b></span>            Use: acaricide            Category: parent            Mol. Form.: C<sub>20</sub>H<sub>22</sub>N<sub>2</sub>O            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 4-(2-(4-(1,1-dimethylethyl)phenyl)ethoxy)=                      quinazoline            ANSI fenazaquin            ISO fenazaquin            IUPAC 4-tert-butylphenethyl quinazolin-4-yl ether            Other 193136                  EL-436</p>	<p><b>fenethacarb</b> <span style="float: right;"><b>30087-47-9</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>12</sub>H<sub>17</sub>NO<sub>2</sub>            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 3,5-diethylphenyl methylcarbamate            ISO fenethacarb            IUPAC 3,5-diethylphenyl methylcarbamate            Other fenethacarb                  phénétacarbe</p>
<p><b>fenbuconazole</b> <span style="float: right;"><b>114369-43-6</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>19</sub>H<sub>17</sub>ClN<sub>4</sub>            LMS Code: A30            Tolerances: 180.480, foreign use  <u>Alternate Names:</u>            9CI (2-(4-chlorophenyl)ethyl)-<math>\alpha</math>-phenyl-1H-                      1,2,4-triazole-1-propanenitrile, <math>\alpha</math>-            ANSI fenbuconazole            ISO fenbuconazole            IUPAC 4-(4-chlorophenyl)-2-phenyl-2-(1H-1,2,4-                      triazol-1-ylmethyl)butyronitrile            Other RH-7592            Trade Enable                  Indar</p>	<p><b>fenfuram</b> <span style="float: right;"><b>24691-80-3</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>12</sub>H<sub>11</sub>NO<sub>2</sub>            LMS Code: 885            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2-methyl-N-phenyl-3-furancarboxamide            ISO fenfuram            IUPAC 2-methyl-3-furanilide            Trade Pano-ram</p>
<p><b>fenbutatin oxide</b> <span style="float: right;"><b>13356-08-6</b></span>            Use: acaricide/insecticide            Category: parent            Mol. Form.: C<sub>60</sub>H<sub>78</sub>OSn<sub>2</sub>            LMS Code: 639            Tolerances: 180.362, 185.3550, 186.3550, foreign                      use  <u>Alternate Names:</u>            9CI hexakis(2-methyl-2-phenylpropyl)=                      distannoxane            ISO fenbutatin oxide            IUPAC bis[tris(2-methyl-2-phenylpropyl)tin] oxide            Trade SD 14114                  Torque                  Vendex</p>	<p><b>fenhexamid</b> <span style="float: right;"><b>126833-17-8</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>14</sub>H<sub>17</sub>Cl<sub>2</sub>NO<sub>2</sub>            LMS Code: B41            Tolerances: 180.553  <u>Alternate Names:</u>            9CI N-(2,3-dichloro-4-hydroxyphenyl)-1-                      methylcyclohexanecarboxamide            ISO fenhexamid            IUPAC N-(2,3-dichloro-4-hydroxyphenyl)-1-                      methylcyclohexanecarboxamide            Other TM-402</p>
<p><b>fenchlorazole-ethyl</b> <span style="float: right;"><b>103112-35-2</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>12</sub>H<sub>8</sub>Cl<sub>5</sub>N<sub>3</sub>O<sub>2</sub>            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI ethyl-1-(2,4-dichlorophenyl)-5-trichloro=                      methyl-1H-1,2,4-triazole-3-                      carboxylate            ISO fenchlorazole-ethyl            IUPAC ethyl-1-(2,4-dichlorophenyl)-5-trichloro=                      methyl-1H-1,2,4-triazole-3-                      carboxylate            Other HOE 70542</p>	<p><b>fenitrothion</b> <span style="float: right;"><b>122-14-5</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>9</sub>H<sub>12</sub>NO<sub>5</sub>PS            LMS Code: 391            Tolerances: 180.540, 185.2200, foreign use  <u>Alternate Names:</u>            9CI O,O-dimethyl O-(3-methyl-4-nitrophenyl)                      phosphorothioate            ISO fenitrothion            IUPAC O,O-dimethyl O-4-nitro-m-tolyl                      phosphorothioate            Trade Accothion                  Folithion                  Sumithion</p>
	<p><b>fenobucarb</b> <span style="float: right;"><b>3766-81-2</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>12</sub>H<sub>17</sub>NO<sub>2</sub>            LMS Code: 856            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2-(1-methylpropyl)phenyl                      methylcarbamate            ISO fenobucarb            IUPAC 2-sec-butylphenyl methylcarbamate            Other BPMC                  fenocarb</p>

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**fenothiocarb** **62850-32-2**

Use: acaricide  
 Category: parent  
 Mol. Form.: C13H19NO2S  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI S-(4-phenoxybutyl) dimethyl= carbamothioate  
 ISO fenothiocarb  
 IUPAC S-4-phenoxybutyl dimethylthiocarbamate  
 Trade Panocon

**fenoxacrim** **65400-98-8**

Use: insecticide  
 Category: parent  
 Mol. Form.: C13H11Cl2N3O4  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI N-(3,4-dichlorophenyl)hexahydro-1,3-dimethyl-2,4,6-trioxo-5-pyrimidine= carboxamide  
 ISO fenoxacrim  
 IUPAC 3',4'-dichloro-1,2,3,4-tetrahydro-6-hydroxy-1,3-dimethyl-2,4-dioxypyrimidine-5-carboxanilide  
 Other HHP

**fenoxaprop ethyl ester** **66441-23-4**

Use: herbicide  
 Category: parent  
 Mol. Form.: C18H16ClNO5  
 LMS Code: 777  
 Tolerances: 180.430, foreign use  
Alternate Names:  
 9CI ethyl 2-(4-((6-chloro-2-benzoxazolyl)=oxy)phenoxy)propanoate, (±)-  
 ANSI fenoxaprop ethyl ester  
 ISO fenoxaprop-ethyl  
 IUPAC ethyl (RS)-2-[4-(6-chloro-1,3-benzoxazol-2-yloxy)phenoxy]propionate  
 ethyl (RS)-2-[4-(6-chlorobenzoxazol-2-yloxy)phenoxy]propionate  
 Other HOE-33171  
 Trade Furore  
 Puma  
 Whip

**fenoxaprop-P ethyl ester** **71283-80-2**

Use: herbicide  
 Category: parent  
 Mol. Form.: C18H16ClNO5  
 LMS Code:  
 Tolerances: 180.430, conditional  
Alternate Names:  
 9CI ethyl 2-(4-(6-chloro-2-benzoxazolyl)=oxy)phenoxy)-ethylpropanoate, (2R)-  
 ANSI fenoxaprop-P ethyl ester  
 ISO fenoxaprop-P ethyl  
 IUPAC ethyl 2-[4-(6-chloro-1,3-benzoxazol-2-yloxy)phenoxy]propionate, (R)-  
 ethyl 2-[4-(6-chlorobenzoxazol-2-yloxy)phenoxy]propionate, (R)-  
 Other HOE 046360  
 Trade Furore Super  
 Puma Super

**fenoxycarb** **72490-01-8**

Use: insecticide  
 Category: parent  
 Mol. Form.: C17H19NO4  
 LMS Code: 811  
 Tolerances: 180.504, foreign use  
Alternate Names:  
 9CI ethyl 2-(4-phenoxyphenoxy)ethyl= carbamate  
 ANSI fenoxycarb  
 IUPAC ethyl 2-(4-phenoxyphenoxy)ethyl= carbamate  
 Other RO 13-5223  
 Trade Comply  
 Logic  
 Pictyl

**fenpiclonil** **74738-17-3**

Use:  
 Category: parent  
 Mol. Form.: C11H6Cl2N2  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 4-(2,3-dichlorophenyl)-1H-pyrrole-3-carbonitrile  
 ISO fenpiclonil  
 IUPAC 4-(2,3-dichlorophenyl)pyrrole-3-carbonitrile  
 Other CGA-142705

**fenpropathrin** **39515-41-8**

Use: insecticide  
 Category: parent  
 Mol. Form.: C22H23NO3  
 LMS Code: 808  
 Tolerances: 180.466, foreign use  
Alternate Names:  
 9CI cyano(3-phenoxyphenyl)methyl 2,2,3,3-tetramethylcyclopropanecarboxylate  
 ANSI fenpropathrin  
 ISO fenpropathrin  
 IUPAC cyano-3-phenoxybenzyl 2,2,3,3-tetra= methylcyclopropanecarboxylate, (RS)-α-  
 Other WL 41706  
 Trade Danitol  
 Herald  
 Miothrin  
 Rody

**fenpropidin** **67306-00-7**

Use: fungicide  
 Category: parent  
 Mol. Form.: C19H31N  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 1-(3-(4-(1,1-dimethylphenyl)-2-methylpropyl)piperidine  
 ISO fenpropidin  
 IUPAC 1-[3-(4-tert-butylphenyl)-2-methylpropyl]piperidine, (RS)-  
 Other RO12-3049  
 Trade Patrol

## FDA Glossary of Pesticide Chemicals

<p><b>fenpropimorph</b> <span style="float: right;"><b>67564-91-4</b></span>            Use: fungicide            Category: parent            Mol. Form.: C20H33NO            LMS Code: 886            Tolerances: pending, foreign use  <u>Alternate Names:</u>            9CI 4-[3-(4-(1,1-dimethylethyl)phenyl)-2-methylpropyl]-2,6-dimethylmorpholine, cis-            ISO fenpropimorph            IUPAC 4-[3-(4-tert-butylphenyl)-2-methylpropyl]-2,6-dimethylmorpholine, (RS)-cis-4(RS)-cis-4-[3-(4-tert-butylphenyl)-2-methylpropyl]-2,6-dimethylmorpholine, (±)-cis-            Trade Corbel            Mistral</p>	<p><b>fensulfothion</b> <span style="float: right;"><b>115-90-2</b></span>            Use: insecticide/fumigant            Category: parent            Mol. Form.: C11H17O4PS2            LMS Code: 243            Tolerances: revoked  <u>Alternate Names:</u>            9CI O,O-diethyl O-(4-(methylsulfinyl)phenyl)phosphorothioate            ISO fensulfothion            IUPAC O,O-diethyl O-4-methylsulfinylphenylphosphorothioate            Other BAY 25141            O,O-diethyl O-(p-(methylsulfinyl)phenyl)phosphorothioate            Trade Dasanit            Terracur P</p>
<p><b>fenpyroximate</b> <span style="float: right;"><b>134098-61-6</b></span>            Use: acaricide            Category: parent            Mol. Form.: C24H27N3O4            LMS Code:            Tolerances: 180.566, foreign use  <u>Alternate Names:</u>            9CI 1,1-dimethylethyl 4-((((1,3-dimethyl-5-phenoxy-1H-pyrazol-4-yl)methyl=ene)amino)oxy)methyl)benzoate, (E)-            ISO fenpyroximate            IUPAC tert-butyl (E)-α-(1,3-dimethyl-5-phenoxy=pyrazol-4-ylmethyleneamino-oxy)-p-toluate            tert-butyl (E)-α-(1,3-dimethyl-5-phenoxy=pyrazol-4-ylmethyleneamino-oxy)-p-toluate            Other NNI-850            Trade Danitron</p>	<p><b>fenthion</b> <span style="float: right;"><b>55-38-9</b></span>            Use: insecticide, avicide            Category: parent            Mol. Form.: C10H15O3PS2            LMS Code: 177            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI O,O-dimethyl O-(3-methyl-4-(methyl=thio)phenyl) phosphorothioate            ISO fenthion            IUPAC O,O-dimethyl O-4-methylthio-m-tolyl phosphorothioate            Other mercaptophos            Trade Bay 29493            Baytex            Entex            Tiguvon</p>
<p><b>fenridazone, potassium salt</b> <span style="float: right;"><b>83588-43-6</b></span>            Use: herbicide            Category: formulation            Mol. Form.: C12H8ClKN2O3            LMS Code:            Tolerances: 180.423  <u>Alternate Names:</u>            9CI potassium (1-(4-chlorophenyl)-1,4-dihydro-6-methyl-4-oxo-3-pyridazinecarboxylate)            ANSI fenridazone, potassium salt            IUPAC potassium 1-(4-chlorophenyl)-1,4-dihydro-6-methyl-4-oxopyridazine-3-carboxylate            Other fenridazon potassium            fenridazon, potassium salt            RH-0007            Trade Hybrex</p>	<p><b>fenuron</b> <span style="float: right;"><b>101-42-8</b></span>            Use: herbicide            Category: parent            Mol. Form.: C9H12N2O            LMS Code: 840            Tolerances: foreign use  <u>Alternate Names:</u>            9CI N,N-dimethyl-N'-phenylurea            ANSI fenuron            ISO fenuron            IUPAC 1,1-dimethyl-3-phenylurea            Trade Dybar</p>
<p><b>fenson</b> <span style="float: right;"><b>80-38-6</b></span>            Use: insecticide            Category: parent            Mol. Form.: C12H10O3ClS            LMS Code: 552            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 4-chlorophenyl benzenesulfonate            ISO fenson            IUPAC 4-chlorophenyl benzenesulfonate</p>	<p><b>fenvalerate</b> <span style="float: right;"><b>51630-58-1</b></span>            Use: insecticide            Category: parent            Mol. Form.: C25H22ClNO3            LMS Code: 546            Tolerances: 180.379, foreign use  <u>Alternate Names:</u>            9CI cyano(3-phenoxyphenyl)methyl 4-chloro-α-(1-methylethyl)benzeneacetate            ISO fenvalerate            IUPAC cyano-3-phenoxybenzyl (RS)-2-(4-chlorophenyl)-3-methylbutyrate, (RS)-α-            Trade Pydrin            SD 43775            Sumicidin</p>

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**ferbam** **14484-64-1**

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>9</sub>H<sub>18</sub>FeN<sub>3</sub>S<sub>6</sub>  
 LMS Code: 039  
 Tolerances: 180.114, foreign use  
Alternate Names:  
 9CI tris(dimethylcarbamodithioato-S,S')iron,  
 (OC-6-11)-  
 ISO ferbam  
 IUPAC ferric dimethyldithiocarbamate  
 iron tris(dimethyldithiocarbamate)  
 iron(III) dimethyldithiocarbamate  
 Other ferric dimethyldithiocarbamate  
 Trade Fermate

**ferimzone** **89269-64-7**

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>15</sub>H<sub>18</sub>N<sub>4</sub>  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 4,6-dimethyl-2(1H)-pyrimidone (1-(2-  
 methylphenyl)ethylidene)hydrazone,  
 (Z)-  
 ISO ferimzone  
 IUPAC 2'-methylacetophenone 4,6-dimethyl=  
 pyrimidin-2-ylhydrazone, (Z)-  
 Other TF-164

**fipronil** **120068-37-3**

Use: acaricide/insecticide  
 Category: parent  
 Mol. Form.: C<sub>12</sub>H<sub>4</sub>Cl<sub>2</sub>F<sub>6</sub>N<sub>4</sub>O<sub>5</sub>  
 LMS Code: A82  
 Tolerances: 180.517  
Alternate Names:  
 9CI 5-amino-1-(2,6-dichloro-4-(trifluoro=  
 methyl)phenyl)-4-((trifluoromethyl)=  
 sulfinyl)-1H-pyrazole-3-carbonitrile  
 ISO fipronil  
 IUPAC 5-amino-1-(2,6-dichloro-4',4',4'-trifluoro-  
 p-tolyl)-4-trifluoromethylsulfinyl=  
 pyrazole-3-carbonitrile, (RS)-  
 Other MB 46030  
 Trade Regent

**flamprop-isopropyl** **52756-22-6**

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>19</sub>H<sub>19</sub>ClF<sub>3</sub>N<sub>3</sub>O<sub>3</sub>  
 LMS Code: 870  
 Tolerances: foreign use  
Alternate Names:  
 9CI 1-methylethyl N-benzoyl-N-(3-chloro-4-  
 fluorophenyl)-DL-alanine  
 ISO flamprop-isopropyl  
 Other WL 29762  
 Trade Barnon  
 Suffix BW

**flamprop-M-isopropyl** **63782-90-1**

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>19</sub>H<sub>19</sub>ClF<sub>3</sub>N<sub>3</sub>O<sub>3</sub>  
 LMS Code: A32  
 Tolerances: foreign use  
Alternate Names:  
 9CI N-benzoyl-N-(3-chloro-4-fluorophenyl)-, 1-  
 methylethyl D-alanine  
 ISO flamprop-M-isopropyl  
 Trade Barnon Plus  
 Commando

**flamprop-M-methyl** **63729-98-6**

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>17</sub>H<sub>15</sub>ClF<sub>3</sub>N<sub>3</sub>O<sub>3</sub>  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI N-benzoyl-N-(3-chloro-4-fluorophenyl),  
 methyl D-alanine  
 ISO flamprop-M-methyl  
 Other methyl N-benzoyl-N-(3-chloro-4-  
 fluorophenyl)-D-alanine  
 Trade D-Mataven

**flamprop-methyl** **52756-25-9**

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>17</sub>H<sub>15</sub>ClF<sub>3</sub>N<sub>3</sub>O<sub>3</sub>  
 LMS Code: 871  
 Tolerances: foreign use  
Alternate Names:  
 9CI methyl N-benzoyl-N-(3-chloro-4-  
 fluorophenyl)-DL-alanine  
 ISO flamprop-methyl  
 Trade Mataven  
 Super-Suffix

**flazasulfuron** **104040-78-0**

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>13</sub>H<sub>12</sub>F<sub>3</sub>N<sub>5</sub>O<sub>5</sub>S  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI N-(((4,6-dimethoxy-2-pyrimidinyl)amino)=  
 carbonyl)-3-(trifluoromethyl)-2-  
 pyridinesulfonamide  
 ISO flazasulfuron  
 IUPAC 1-(4,6-dimethoxypyrimidin-2-yl)-3-(3-  
 trifluoromethyl-2-pyridylsulfonyl)=  
 urea  
 Trade Shibagen

**flonicamid (prop)** **158062-67-0**

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>9</sub>H<sub>6</sub>F<sub>3</sub>N<sub>3</sub>O  
 LMS Code:  
 Tolerances: pending  
Alternate Names:  
 9CI N-(cyanomethyl)-4-(trifluoromethyl)-3-  
 pyridinecarboxamide  
 ISO flonicamid (prop)  
 IUPAC N-cyanomethyl-4-(trifluoromethyl)=  
 nicotinamide

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**fluazifop butyl ester** **69806-50-4**

Use: herbicide  
 Category: parent  
 Mol. Form.: C19H20F3NO4  
 LMS Code: 292  
 Tolerances: 180.411, 185.3250, 186.3250, foreign use

Alternate Names:

9CI butyl 2-(4-((5-trifluoromethyl-2-pyridinyl)oxy)phenoxy)propanoate  
 ANSI fluazifop butyl ester  
 ISO fluazifop-butyl  
 IUPAC butyl (RS)-2-[4-(5-trifluoromethyl-2-pyridyloxy)phenoxy]propionate  
 Other butyl (±)-2-(4-(5-(trifluoromethyl)-2-pyridinyl)oxy)phenoxy)propanoate  
 Trade Fusilade

**fluazifop-P butyl ester** **79241-46-6**

Use: herbicide  
 Category: parent  
 Mol. Form.: C19H20F3NO4  
 LMS Code:  
 Tolerances: foreign use

Alternate Names:

9CI butyl 2-(4-((5-(trifluoromethyl)-2-pyridinyl)oxy)phenoxy)propanoate, (R)-  
 ANSI fluazifop-P butyl ester  
 ISO fluazifop-P-butyl  
 Other butyl (+)-2-[4-[5-(trifluoromethyl)-2-pyridinyl]oxy]phenoxypropanoate  
 PP 005  
 Trade Fusilade S

**fluazinam** **79622-59-6**

Use: fungicide  
 Category: parent  
 Mol. Form.: C13H4Cl2F6N4O4  
 LMS Code: B54  
 Tolerances: 180.574, foreign use

Alternate Names:

9CI 3-chloro-N-(3-chloro-2,6-dinitro-4-(trifluoromethyl)phenyl)-5-(trifluoromethyl)-2-pyridinamine  
 ISO fluazinam  
 IUPAC 3-chloro-N-(3-chloro-5-trifluoromethyl-2-pyridyl)-α,α,α-trifluoro-2,6-dinitro-p-toluidine

**fluazolate** **174514-07-9**

Use: herbicide  
 Category: parent  
 Mol. Form.: C15H12BrClF4N2O2  
 LMS Code:  
 Tolerances:

Alternate Names:

9CI 1-methylethyl 5-(4-bromo-1-methyl-5-(trifluoromethyl)-1H-pyrazol-3-yl)-2-chloro-4-fluoro-benzoate  
 ISO fluazolate  
 IUPAC isopropyl 5-(4-bromo-1-methyl-5-trifluoromethylpyrazol-3-yl)-2-chloro-4-fluorobenzoate  
 Other MON 48500

**fluazuron** **86811-58-7**

Use: acaricide  
 Category: parent  
 Mol. Form.: C20H10Cl2F5N3O3  
 LMS Code:  
 Tolerances:

Alternate Names:

9CI N-(((4-chloro-3-((3-chloro-5-(trifluoromethyl)-2-pyridinyl)oxy)phenyl)=amino)carbonyl)-2,6-difluoro-benzamide  
 ISO fluazuron  
 IUPAC 1-[4-chloro-3-(3-chloro-5-trifluoromethyl-2-pyridyloxy)phenyl]-3-(2,6-difluorobenzoyl)urea  
 Other CGA-157419

**flubenzimine** **37893-02-0**

Use: acaricide  
 Category: parent  
 Mol. Form.: C17H10F6N4S  
 LMS Code:  
 Tolerances: foreign use

Alternate Names:

9CI N-(3-phenyl-4,5-bis((trifluoromethyl)=imino)-2-thiazolidinylidene)benzenamine, (Z,Z,E)-  
 IUPAC N2,3-diphenyl-N4,N5-bis(trifluoromethyl)-1,3-thiazolidine-2,4,5-triylidenetriamine, (2Z,4E,5Z)-  
 Other flubenzimine  
 Trade Cropotex

**flucarbazone sodium salt** **181274-17-9**

Use: herbicide  
 Category: parent  
 Mol. Form.: C12H10F3N4O6S•Na  
 LMS Code:  
 Tolerances: 180.562

Alternate Names:

9CI sodium 4,5-dihydro-3-methoxy-4-methyl-5-oxo-N-((2-(trifluoromethoxy)=phenyl)sulfonyl)-1H-1,2,4-triazole-1-carboxamide  
 ISO flucarbazone sodium salt  
 IUPAC sodium N-(2-trifluoromethoxyphenyl=sulfonyl)-4,5-dihydro-3-methoxy-4-methyl-5-oxo-1H-1,2,4-triazole-1-carboxamide  
 Other flucarbazone sodium  
 flucarbazone-sodium

**fluchloralin** **33245-39-5**

Use: herbicide  
 Category: parent  
 Mol. Form.: C12H13ClF3N3O4  
 LMS Code: 280  
 Tolerances: revoked, foreign use

Alternate Names:

9CI N-(2-chloroethyl)-2,6-dinitro-N-propyl-4-(trifluoromethyl)benzenamine  
 ANSI fluchloralin  
 ISO fluchloralin  
 IUPAC N-(2-chloroethyl)-2,6-dinitro-N-propyl-4-(trifluoromethyl)aniline  
 N-(2-chloroethyl)-α,α,α-trifluoro-2,6-dinitro-N-propyl-p-toluidine  
 Trade Basalin



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### flucycloxuron 113036-88-7

Use: acaricide/insecticide  
 Category: parent  
 Mol. Form.: C<sub>25</sub>H<sub>20</sub>ClF<sub>2</sub>N<sub>3</sub>O<sub>3</sub>  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI N-(((4-((4-chlorophenyl)cyclopropyl)methylene)amino)oxy)methyl)=phenylamino)carbonyl)-2,6-difluorobenzamide  
 ISO flucycloxuron  
 IUPAC 1-[α-(4-chloro-α-cyclopropylbenzylidene=amino-oxy)-p-tolyl]-3-(2,6-difluoro=benzoyl)urea (ratio 50-80% (E)- and 50-20% (Z)- isomers)  
 Other PH 70-23  
 Trade Andalin

### flucythrinate 70124-77-5

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>26</sub>H<sub>23</sub>F<sub>2</sub>N<sub>2</sub>O<sub>4</sub>  
 LMS Code: 229  
 Tolerances: revoked, revoked, revoked, foreign use  
Alternate Names:  
 9CI cyano(3-phenoxyphenyl)methyl (+)-4-(difluoromethoxy)-α-(1-methylethyl)=benzeneacetate, (±)-α-cyano(3-phenoxyphenyl)methyl 4-(difluoromethoxy)-α-(1-methylethyl)=benzeneacetate, (S)-  
 ANSI flucythrinate  
 IUPAC cyano-3-phenoxybenzyl (S)-2-(4-difluoro=methoxyphenyl)-3-methylbutyrate, (RS)-α-  
 Trade AC 222,705  
 Pay-off

### fludioxonil 131341-86-1

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>12</sub>H<sub>6</sub>F<sub>2</sub>N<sub>2</sub>O<sub>2</sub>  
 LMS Code: B23  
 Tolerances: 180.516  
Alternate Names:  
 9CI 4-(2,2-difluoro-1,3-benzodioxol-4-yl)-1H-pyrrole-3-carbonitrile  
 ISO fludioxonil  
 IUPAC 4-(2,2-difluoro-1,3-benzodioxol-4-yl)pyrrole-3-carbonitrile  
 Other CGA-173506  
 Trade Maxim

### flufenacet 142459-58-3

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>14</sub>H<sub>13</sub>F<sub>4</sub>N<sub>3</sub>O<sub>2</sub>S  
 LMS Code: B30  
 Tolerances: 180.527  
Alternate Names:  
 9CI N-(4-fluorophenyl)-N-(1-methylethyl)-2-((5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl)oxy)acetamide  
 ISO flufenacet  
 IUPAC 4'-fluoro-N-isopropyl-2-[5-(trifluoro=methyl)-1,3,4-thiadiazol-2-yloxy]=acetanilide  
 Other FOE 5043

### flufenoxuron 101463-69-8

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>21</sub>H<sub>11</sub>ClF<sub>6</sub>N<sub>2</sub>O<sub>3</sub>  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI N-(((4-(2-chloro-4-(trifluoromethyl)=phenoxy)-2-fluorophenyl)amino)=carbonyl)-2,6-difluorobenzamide  
 ISO flufenoxuron  
 IUPAC 1-[4-(2-chloro-α,α,α-trifluoro-p-tolxyloxy)-2-fluorophenyl]-3-(2,6-difluoro=benzoyl)urea  
 Trade Cascade

### flufenprox 107713-58-6

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>24</sub>H<sub>22</sub>ClF<sub>3</sub>O<sub>3</sub>  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 1-(4-chlorophenoxy)-3-((2-(4-ethoxy=phenyl)-3,3,3-trifluoropropoxy)=methyl)benzene  
 ISO flufenprox  
 IUPAC 3-(4-chlorophenoxy)benzyl (RS)-2-(4-ethoxyphenyl)-3,3,3-trifluoropropyl ether  
 Other ICIA5682

### flumetover 154025-04-4

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>19</sub>H<sub>20</sub>F<sub>3</sub>N<sub>3</sub>O  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI N-ethyl-3',4'-dimethoxy-N-methyl-5-(trifluoromethyl)(1,1'-biphenyl)-2-carboxamide  
 ISO flumetover  
 IUPAC 2-(3,4-dimethoxyphenyl)-N-ethyl-α,α,α-trifluoro-N-methyl-p-toluamide

### flumetralin 62924-70-3

Use: plant growth regulator  
 Category: parent  
 Mol. Form.: C<sub>16</sub>H<sub>12</sub>ClF<sub>4</sub>N<sub>3</sub>O<sub>4</sub>  
 LMS Code: 834  
 Tolerances: foreign use  
Alternate Names:  
 9CI 2-chloro-N-(2,6-dinitro-4-(trifluoromethyl)=phenyl)-N-ethyl-6-fluorobenzene=methanamine  
 ISO flumetralin  
 IUPAC N-(2-chloro-6-fluorobenzyl)-N-ethyl-α,α,α-trifluoro-2,6-dinitro-p-toluidine  
 Trade Premier  
 Prime



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### flumetsulam 98967-40-9

Use: herbicide  
 Category: parent  
 Mol. Form.: C12H9F2N5O2S  
 LMS Code:  
 Tolerances: 180.468, foreign use  
Alternate Names:  
 9CI N-(2,6-difluorophenyl)-5-methyl(1,2,4)=  
           triazolo(1,5-a)pyrimidine-2-  
           sulfonamide  
 ANSI flumetsulam  
 ISO flumetsulam  
 IUPAC 2',6'-difluoro-5-methyl[1,2,4]triazolo[1,5-  
           a]pyrimidine-2-sulfonanilide  
           2-(2,6-difluorophenylsulphamoyl)-5-  
           methyl[1,2,4]-triazolo[1,5-  
           a]pyrimidine  
 Other DE-498  
           XRD 498  
 Trade Broadstrike

### flumiclorac pentyl ester 87546-18-7

Use: herbicide  
 Category: parent  
 Mol. Form.: C21H23ClFNO5  
 LMS Code:  
 Tolerances: 180.477, 186.3325  
Alternate Names:  
 9CI pentyl (2-chloro-4-fluoro-5-(1,3,4,5,6,7-  
           hexahydro-1,3-dioxo-2H-isoindol-2-  
           yl)phenoxy)acetate  
 ANSI flumiclorac pentyl ester  
 ISO flumiclorac-pentyl  
 IUPAC pentyl [2-chloro-5-(cyclohex-1-ene-1,2-  
           dicarboximido)-4-fluororophenoxy]=  
           acetate  
 Other S-23031  
 Trade Resource

### flumioxazin 103361-09-7

Use: herbicide  
 Category: parent  
 Mol. Form.: C19H15FN2O4  
 LMS Code:  
 Tolerances: 180.568  
Alternate Names:  
 9CI 2-(7-fluoro-3,4-dihydro-3-oxo-4-(2-  
           propynyl)-2H-1,4-benzoxazin-6-yl)-  
           4,5,6,7-tetrahydro-1H-isoindole-  
           1,3(2H)-dione  
 ANSI flumioxazin  
 ISO flumioxazin  
 IUPAC N-(7-fluoro-3,4-dihydro-3-oxo-4-prop-2-  
           ynyl-2H-1,4-benzoxazin-6-  
           yl)cyclohex-1-ene-1,2-dicarboxamide  
 Other 7-fluoro-6-(3,4,5,6-tetrahydro=  
           phthalimido)-4-(2-propynyl)-1,4-  
           benzoxazin-3(2H)-one  
           S 53482  
           V-53482  
 Trade Sumisoya  
           Valor

### flumipropyn 84478-52-4

Use: herbicide  
 Category: parent  
 Mol. Form.: C18H15ClFNO3  
 LMS Code:

Tolerances:

Alternate Names:

9CI 2-(4-chloro-2-fluoro-5-((1-methyl-2-  
           propynyl)oxy)phenyl)-4,5,6,7-  
           tetrahydro-1H-isoindole-1,3(2H)-  
           dione  
 ISO flumipropyn  
 IUPAC N-[4-chloro-2-fluoro-5-(1-methylprop-2-  
           ynyl)oxyphenyl]cyclohex-1-ene-1,2-  
           dicarboximide, (RS)-  
 Other N-(4-chloro-2-fluoro-5-((1-methyl-2-  
           propynyl)oxy)phenyl)-3,4,5,6-  
           tetrahydrophthalimide  
           N-(4-chloro-2-fluoro-5-((1-methyl-2-  
           propynyl)oxy)phenyl)-3,4,5,6-  
           tetrahydrophthalimide, (RS)-  
           S 23121

### fluometuron 2164-17-2

Use: herbicide  
 Category: parent  
 Mol. Form.: C10H11F3N2O  
 LMS Code: 701  
 Tolerances: 180.229, 186.3350, foreign use  
Alternate Names:  
 9CI N,N-dimethyl-N'-(3-(trifluoromethyl)=  
           phenyl)urea  
 ANSI fluometuron  
 ISO fluometuron  
 IUPAC 1,1-dimethyl-3-( $\alpha,\alpha,\alpha$ -trifluoro-m-  
           tolyl)urea  
 Trade Cotoran  
           Cottenex  
           Lanex

### fluoridamid 47000-42-0

Use: plant growth regulator  
 Category: parent  
 Mol. Form.: C10H11F3N2O3S  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI N-[4-methyl-3-(((trifluoromethyl)sulfonyl)=  
           amino)phenyl]acetamide  
 ISO fluoridamid  
 IUPAC 3'-(1,1,1-trifluoromethanesulfonamido)=  
           acet-p-toluidide  
           3-trifluoromethylsulfonamido-p-  
           acetotoluide

### fluorodifen 15457-05-3

Use: herbicide  
 Category: parent  
 Mol. Form.: C13H7F3N2O5  
 LMS Code: 836  
 Tolerances: revoked  
Alternate Names:  
 9CI 2-nitro-1-(4-nitrophenoxy)-4-  
           (trifluoromethyl)benzene  
 ISO fluorodifen  
 IUPAC 4-nitrophenyl  $\alpha,\alpha,\alpha$ -trifluoro-2-nitro-p-  
           tolyl ether  
 Other 2,4'-dinitro-4-(trifluoromethyl)diphenyl  
           ether  
           4-nitrophenyl 2-nitro-4-(trifluoromethyl)  
           phenyl ether  
 Trade Preforan

## FDA Glossary of Pesticide Chemicals

### fluoroglycofen ethyl ester 77501-90-7

Use: herbicide  
 Category: parent  
 Mol. Form.: C18H13ClF3NO7  
 LMS Code:  
 Tolerances: pending, foreign use  
Alternate Names:  
 9CI 2-ethoxy-2-oxoethyl 5-(2-chloro-4-(trifluoromethyl)phenoxy)-2-nitrobenzoate  
 ANSI fluoroglycofen ethyl ester  
 ISO fluoroglycofen-ethyl  
 IUPAC ethyl O-[5-(2-chloro- $\alpha,\alpha,\alpha$ -trifluoro-p-tolyloxy)-2-nitrobenzoyl]glycolate  
 Trade Compete  
 Super Blazer

### fluoroimide 41205-21-4

Use: fungicide  
 Category: parent  
 Mol. Form.: C10H4Cl2FNO2  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 3,4-dichloro-1-(4-fluorophenyl)-1H-pyrrole-2,5-dione  
 IUPAC 2,3-dichloro-N-4-fluorophenylmaleimide  
 Other fluoroimide  
 fluoromide  
 Trade Sparticide  
 Spat

### fluoxastrobin (prop) 361377-29-9

Use: fungicide  
 Category: parent  
 Mol. Form.: C21H16ClF4NO5  
 LMS Code:  
 Tolerances: pending  
Alternate Names:  
 9CI (1E)-[2-[[6-(2-chlorophenoxy)-5-fluoro-4-pyrimidinyl]oxy]phenyl](5,6-dihydro-1,4,2-dioxazin-3-yl)methanone O-methyloxime  
 ISO fluoxastrobin  
 fluoxastrobin  
 fluoxastrobin (prop)  
 IUPAC (E)-{2-[6-(2-chlorophenoxy)-5-fluoro-pyrimidin-4-yloxy]phenyl}(5,6-dihydro-1,4,2-dioxazin-3-yl)methanone O-methyloxime  
 Other fluoxastrobin (prop)

### flupoxam 119126-15-7

Use: herbicide  
 Category: parent  
 Mol. Form.: C19H14ClF5N4O2  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 1-(4-chloro-3-((2,2,3,3,3-pentafluoropropoxy)methyl)phenyl)-5-phenyl-1H-1,2,4-triazole-3-carboxamide  
 ISO flupoxam  
 IUPAC 1-[4-chloro-3-(2,2,3,3,3-pentafluoropropoxymethyl)phenyl]-5-phenyl-1H-1,2,4-triazole-3-carboxamide  
 Other KNW-739  
 MON-18500

### flupropacil 120890-70-2

Use: herbicide  
 Category: parent  
 Mol. Form.: C16H14ClF3N2O4  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 1-methylethyl 2-chloro-5-(3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl)benzoate  
 ANSI flupropacil  
 ISO flupropacil  
 IUPAC isopropyl 2-chloro-5-(1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-trifluoromethyl-pyrimidin-1-yl)benzoate

### flupropanate 756-09-2

Use: herbicide  
 Category: parent  
 Mol. Form.: C3H2F4O2  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 2,2,3,3-tetrafluoropropanoic acid  
 ISO flupropanate  
 IUPAC 2,2,3,3-tetrafluoropropionic acid

### flupyrsulfuron 150315-10-9

Use:  
 Category: precursor  
 Mol. Form.: C14H12F3N5O7S  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 2-((((4,6-dimethoxy-2-pyrimidinyl)amino)=carbonyl)amino)sulfonyl)-6-(trifluoromethyl)-3-pyridinecarboxylic acid  
 ANSI flupyrsulfuron (prop)  
 ISO flupyrsulfuron  
 IUPAC 2-(4,6-dimethoxypyrimidin-2-ylcarbonylsulfamoyl)-6-trifluoromethylnicotinic acid

### fluquinconazole 136426-54-5

Use: fungicide  
 Category: parent  
 Mol. Form.: C16H8Cl2FN5O  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 3-(2,4-dichlorophenyl)-6-fluoro-2-(1H-1,2,4-triazol-1-yl)-4(3H)-quinazolinone  
 ISO fluquinconazole  
 IUPAC 3-(2,4-dichlorophenyl)-6-fluoro-2-(1H-1,2,4-triazol-1-yl)quinazolin-4(3H)-one

## FDA Glossary of Pesticide Chemicals

<p><b>flurazole</b> <span style="float: right;"><b>72850-64-7</b></span>            Use: safener            Category: parent            Mol. Form.: C12H7ClF3O2S            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI phenylmethyl 2-chloro-4-(trifluoromethyl)-5-thiazolecarboxylate            IUPAC benzyl 2-chloro-4-trifluoromethyl-1,3-thiazole-5-carboxylate                  benzyl 2-chloro-4-trifluoromethylthiazole-5-carboxylate            Other flurazole                  MON 4606                  Screen</p>	<p><b>fluroxypyr</b> <span style="float: right;"><b>69377-81-7</b></span>            Use: herbicide            Category: metabolite            Mol. Form.: C7H5Cl2FN2O3            LMS Code: 797            Tolerances: 180.535, foreign use  <u>Alternate Names:</u>            9CI ((4-amino-3,5-dichloro-6-fluoro-2-pyridinyl)oxy) acetic acid            ANSI fluroxypyr            ISO fluroxypyr            IUPAC 4-amino-3,5-dichloro-6-fluoro-2-pyridyloxyacetic acid            Other EF-689</p>
<p><b>flurecol n-butyl ester</b> <span style="float: right;"><b>2314-09-2</b></span>            Use: herbicide            Category: parent            Mol. Form.: C18H18O3            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI butyl 9-hydroxy-9H-fluorene-9-carboxylate            ISO flurenol-butyl            IUPAC butyl 9-hydroxyfluorene-9-carboxylate            Other flurecol n-butyl ester                  IT 3233                  terramitsin            Trade Biostat                  Terramycin</p>	<p><b>fluroxypyr butoxypropyl ester</b> <span style="float: right;"><b>154486-27-8</b></span>            Use: herbicide            Category: formulation            Mol. Form.: C14H19Cl2FN2O4            LMS Code:            Tolerances: 180.535, foreign use  <u>Alternate Names:</u>            9CI 2-butoxy-1-methylethyl ((4-amino-3,5-dichloro-6-fluoro-2-pyridinyl)=oxyacetate            ANSI fluroxypyr butoxypropyl ester            ISO fluroxypyr-butoxypropyl</p>
<p><b>fluridone</b> <span style="float: right;"><b>59756-60-4</b></span>            Use: herbicide            Category: parent            Mol. Form.: C19H14F3NO            LMS Code: 736            Tolerances: 180.420  <u>Alternate Names:</u>            9CI 1-methyl-3-phenyl-5-(3-(trifluoromethyl)=phenyl)-4(1H)-pyridinone            ANSI fluridone            ISO fluridone            IUPAC 1-methyl-3-phenyl-5-(<math>\alpha,\alpha,\alpha</math>-trifluoro-m-tolyl)-4-pyridone            Trade Sonar X</p>	<p><b>fluroxypyr-meptyl</b> <span style="float: right;"><b>81406-37-3</b></span>            Use: herbicide            Category: parent            Mol. Form.: C15H22Cl2FN2O3            LMS Code:            Tolerances: 180.535, foreign use  <u>Alternate Names:</u>            9CI 1-methylheptyl ((4-amino-3,5-dichloro-6-fluoro-2-pyridinyl)oxy)acetate            ISO fluroxypyr-meptyl            IUPAC 1-methylheptyl 4-amino-3,5-dichloro-6-fluoro-2-pyridyloxyacetate            Other fluroxypyr 1-methylheptyl ester</p>
<p><b>flurochloridone</b> <span style="float: right;"><b>61213-25-0</b></span>            Use: herbicide            Category: parent            Mol. Form.: C12H10Cl2F3NO            LMS Code: 835            Tolerances: pending, foreign use  <u>Alternate Names:</u>            9CI 3-chloro-4-(chloromethyl)-1-(3-(trifluoro=methyl)phenyl)-2-pyrrolidinone            ISO flurochloridone            IUPAC 3-chloro-4-chloromethyl-1-(<math>\alpha,\alpha,\alpha</math>-trifluoro-m-tolyl)-2-pyrrolidinone,                  (3RS,4RS;3RS,4SR)- (isomers in the ratio 3:1)            Other fluorochloridone            Trade Racer</p>	<p><b>flurtamone</b> <span style="float: right;"><b>96525-23-4</b></span>            Use: herbicide            Category: parent            Mol. Form.: C18H14F3NO2            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 5-(methylamino)-2-phenyl-4-(3-(trifluoro=methyl)phenyl)-3(2H)-furanone, (<math>\pm</math>)-            ANSI flurtamone            ISO flurtamone            IUPAC 5-methylamino-2-phenyl-4-(<math>\alpha,\alpha,\alpha</math>-trifluoro-m-tolyl)furan-3(2H)-one,                  (RS)-            Other 5-(methylamino)-2-phenyl-4-(<math>\alpha,\alpha,\alpha</math>-trifluoro-m-tolyl)-3(2H)-furanone</p>

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**flusilazole** **85509-19-9**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>16</sub>H<sub>15</sub>F<sub>2</sub>N<sub>3</sub>Si  
 LMS Code: 950  
 Tolerances: revoked, foreign use  
Alternate Names:  
 9CI 1-((bis(4-fluorophenyl)methylsilyl)=methyl)1H-1,2,4-triazole  
 ANSI flusilazole  
 ISO flusilazole  
 IUPAC 1-[[bis(4-fluorophenyl)(methyl)silyl]methyl]-1H-1,2,4-triazole  
 bis(4-fluorophenyl)(methyl)(1H-1,2,4-triazol-1-ylmethyl)silane  
 Other DPX-H6573  
 Trade Nustar  
 Olymp  
 Punch

**flusulfamide** **106917-52-6**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>13</sub>H<sub>7</sub>Cl<sub>2</sub>F<sub>3</sub>N<sub>2</sub>O<sub>4</sub>S  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 4-chloro-N-(2-chloro-4-nitrophenyl)-3-(trifluoromethyl)benzenesulfonamide  
 ISO flusulfamide  
 IUPAC 2',4-dichloro- $\alpha,\alpha,\alpha$ -trifluoro-4'-nitro-m-toluenesulfonanilide  
 Other MTF-651  
 Trade Nebijin

**fluthiacet-methyl** **117337-19-6**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>15</sub>H<sub>15</sub>ClF<sub>3</sub>N<sub>3</sub>O<sub>3</sub>S<sub>2</sub>  
 LMS Code:  
 Tolerances: 180.551  
Alternate Names:  
 9CI methyl ((2-chloro-4-fluoro-5-((tetrahydro-3-oxo-1H,3H-[1,3,4]thiadiazolo[3,4-a]pyridazin-1-ylidene)amino)=phenyl)thio)acetate  
 ISO fluthiacet-methyl  
 IUPAC methyl [2-chloro-4-fluoro-5-(5,6,7,8-tetrahydro-3-oxo-1H,3H-[1,3,4]thiadiazolo[3,4-a]pyridazin-1-ylideneamno)phenylthio]acetate  
 Other CGA-248757  
 KIH-9201  
 Trade Action

**flutolanil** **66332-96-5**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>17</sub>H<sub>16</sub>F<sub>3</sub>N<sub>2</sub>O  
 LMS Code: B63  
 Tolerances: 180.484, foreign use  
Alternate Names:  
 9CI N-(3-(1-methylethoxy)phenyl)-2-(trifluoromethyl)benzamide  
 ISO flutolanil  
 IUPAC 3'-isopropoxy-2-(trifluoromethyl)=benzanilide  
 trifluoro-3'-isopropoxy-o-toluanilide,  $\alpha,\alpha,\alpha$ -  
 Other NNF-136  
 Trade Moncut

**flutriafol** **76674-21-0**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>16</sub>H<sub>13</sub>F<sub>2</sub>N<sub>3</sub>O  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI (2-fluorophenyl)- $\alpha$ -(4-fluorophenyl)-1H-1,2,4-triazole-1-ethanol,  $\alpha$ -  
 ANSI flutriafol  
 ISO flutriafol  
 IUPAC 2,4'-difluoro- $\alpha$ -(1H-1,2,4-triazol-1-ylmethyl)benzhydryl alcohol, (RS)-  
 Other PP 450  
 R 152450  
 Trade Impact

**fluvalinate** **69409-94-5**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>26</sub>H<sub>22</sub>ClF<sub>3</sub>N<sub>2</sub>O<sub>3</sub>  
 LMS Code: 297  
 Tolerances: 180.427, 186.3400  
Alternate Names:  
 9CI cyano(3-phenoxyphenyl)methyl N-(2-chloro-4-(trifluoromethyl)phenyl)-DL-valine  
 ANSI fluvalinate  
 ISO fluvalinate  
 IUPAC cyano-3-phenoxybenzyl N-(2-chloro- $\alpha,\alpha,\alpha$ -trifluoro-p-tolyl)-DL-valinate, (RS)- $\alpha$ -  
 Other cyano-3-phenoxybenzyl (R)-2-(2-chloro-4-(trifluoromethyl)anilino)-3-methylbutanoate, (RS)- $\alpha$ -fluvalinate, ( $\alpha$  RS,2R)-  
 Trade Mavrik

**fluvalinate, tau-** **102851-06-9**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>26</sub>H<sub>22</sub>ClF<sub>3</sub>N<sub>2</sub>O<sub>3</sub>  
 LMS Code:  
 Tolerances: temporary, foreign  
Alternate Names:  
 9CI cyano(3-phenoxyphenyl)methyl N-(2-chloro-4-(trifluoromethyl)phenyl)-D-valine  
 ISO fluvalinate, tau-  
 IUPAC cyano-3-phenoxybenzyl N-(2-chloro- $\alpha,\alpha,\alpha$ -trifluoro-p-tolyl)-D-valinate, (RS)- $\alpha$ -

**fluxofenim** **88485-37-4**  
 Use: herbicide safener  
 Category: parent  
 Mol. Form.: C<sub>12</sub>H<sub>11</sub>ClF<sub>3</sub>N<sub>3</sub>O  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 1-(4-chlorophenyl)-2,2,2-trifluoro-1-ethanone O-(1,3-dioxolan-2-ylmethyl)oxime  
 ISO fluxofenim  
 IUPAC 4'-chloro-2,2,2-trifluoroacetophenone O-1,3-dioxolan-2-ylmethyloxime  
 Other CGA-133205  
 Trade Concep III

## FDA Glossary of Pesticide Chemicals

<p><b>folpet</b></p> <p>Use: fungicide            Category: parent            Mol. Form.: C<sub>9</sub>H<sub>4</sub>Cl<sub>3</sub>O<sub>2</sub>NS            LMS Code: 126            Tolerances: 180.191, foreign use  <u>Alternate Names:</u>            9CI 2-((trichloromethyl)thio)-1H-isoindole-1,3(2H)-dione             ANSI folpet            ISO folpet            IUPAC N-(trichloromethanesulfenyl)phthalimide            N-(trichloromethylthio)phthalimide             Other folpel            Trade Folpan            Phaltan</p>	<p><b>133-07-3</b></p>	<p><b>formaldehyde</b></p> <p>Use: fungicide            Category: parent            Mol. Form.: CH<sub>2</sub>O            LMS Code: 397            Tolerances: foreign use  <u>Alternate Names:</u>            9CI formaldehyde            IUPAC formaldehyde            Other methanal            oxymethylene</p>	<p><b>50-00-0</b></p>
<p><b>fonofos</b></p> <p>Use: insecticide            Category: parent            Mol. Form.: C<sub>10</sub>H<sub>15</sub>O<sub>3</sub>P<sub>2</sub>            LMS Code: 163            Tolerances: 180.221, foreign use  <u>Alternate Names:</u>            9CI O-ethyl S-phenyl ethylphosphonodithioate            ISO fonofos            IUPAC O-ethyl S-phenyl (RS)-ethylphosphono=dithioate             Trade Dyfonate</p>	<p><b>944-22-9</b></p>	<p><b>formetanate hydrochloride</b></p> <p>Use: insecticide, acaricide            Category: parent            Mol. Form.: C<sub>11</sub>H<sub>16</sub>ClN<sub>3</sub>O<sub>2</sub>            LMS Code: 723            Tolerances: 180.276, foreign use  <u>Alternate Names:</u>            9CI N,N-dimethyl-N'-(3-(((methylamino)=carbonyl)oxy)phenyl)methan=imidamide monohydrochloride             ANSI formetanate hydrochloride            ISO formetanate hydrochloride            IUPAC 3-dimethylaminomethyleneaminophenyl methylcarbamate hydrochloride             Other carzol            [[[dimethylamino)methylene]amino]=phenylmethylcarbamate hydrochloride, m-</p>	<p><b>23422-53-9</b></p>
<p><b>foramsulfuron</b></p> <p>Use: herbicide            Category: parent            Mol. Form.: C<sub>17</sub>H<sub>20</sub>N<sub>6</sub>O<sub>7</sub>S            LMS Code:            Tolerances: 180.1219  <u>Alternate Names:</u>            9CI 2-[[[(4,6-dimethoxy-2-pyrimidinyl)amino]=carbonyl]amino]sulfonyl]-4-(formylamino)-N,N-dimethyl=benzamide             ISO foramsulfuron            IUPAC 1-(4,6-dimethoxypyrimidin-2-yl)-3-[2-(dimethylcarbamoyl)-5-formamido=phenylsulfonyl]urea             Trade AE F130360            Tribute</p>	<p><b>173159-57-4</b></p>	<p><b>formothion</b></p> <p>Use: insecticide, acaricide            Category: parent            Mol. Form.: C<sub>6</sub>H<sub>12</sub>NO<sub>4</sub>PS<sub>2</sub>            LMS Code: 866            Tolerances: foreign use  <u>Alternate Names:</u>            9CI S-(2-formylmethylamino)-2-oxoethyl O,O-dimethyl phosphorodithioate             ISO formothion            IUPAC 2-dimethoxyphosphinothioylthio-N-formyl-N-methylacetamide            S-[formyl(methyl)carbamoylmethyl] O,O-dimethyl phosphorodithioate             Trade Aflix            Anthio</p>	<p><b>2540-82-1</b></p>
<p><b>forchlorfenuron</b></p> <p>Use: plant growth regulator            Category: parent            Mol. Form.: C<sub>12</sub>H<sub>10</sub>ClN<sub>3</sub>O            LMS Code: B32            Tolerances: 180.569, foreign use  <u>Alternate Names:</u>            9CI N-(2-chloro-4-pyridinyl)-N'-phenylurea            ANSI forchlorfenuron            ISO forchlorfenuron            IUPAC 1-(2-chloro-4-pyridyl)-3-phenylurea            Other 4PU-30            CCPU            CN-11-3183            KT-30</p>	<p><b>68157-60-8</b></p>	<p><b>fosetyl-Al</b></p> <p>Use: fungicide            Category: parent            Mol. Form.: C<sub>6</sub>H<sub>18</sub>AlO<sub>9</sub>P<sub>3</sub>            LMS Code:            Tolerances: 180.415, foreign use  <u>Alternate Names:</u>            9CI aluminum tris(ethyl hydrogen phosphonate)             Other aluminum tris(O-ethyl phosphonate)            EXP 1659            fosetyl-Al            fosetyl-aluminum            LS 74-783            phosethyl-al            RP-32545             Trade Aliette            Efosite-Al            Epal</p>	<p><b>39148-24-8</b></p>



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**fosmethilan** **83733-82-8**

Use: insecticide  
 Category: parent  
 Mol. Form.: C13H19ClNO3PS2  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI S-(((2-chlorophenyl)(1-oxybutyl)amino)=  
           methyl) O,O-dimethyl  
           phosphorodithioate  
 ISO fosmethilan  
 IUPAC 2'-chloro-N-(dimethoxyphosphinothioyl=  
           thiomethyl)butyranilide  
           S-[N-(2-chlorophenyl)butyramidomethyl]  
           O,O-dimethyl phosphorodithioate  
 Trade Nevifos

**fosthiazate** **98886-44-3**

Use: nematocide  
 Category: parent  
 Mol. Form.: C9H18NO3PS2  
 LMS Code: B09  
 Tolerances: temporary  
Alternate Names:  
 9CI O-ethyl S-(1-methylpropyl) (2-oxo-3-  
           thiazolidinyl)phosphonothioate  
 ISO fosthiazate  
 IUPAC 3-[sec-butylthio(ethoxy)phosphinoyl]-1,3-  
           thiazolidin-2-one, (RS)-  
           S-sec-butyl O-ethyl 2-oxo-1,3-thiazolidin-  
           3-ylphosphonothioate, (RS)-  
 Other IKI 1145

**fosthietan** **21548-32-3**

Use: nematocide  
 Category: parent  
 Mol. Form.: C6H12NO3PS2  
 LMS Code:  
 Tolerances: temporary  
Alternate Names:  
 9CI diethyl 1,3-dithietan-2-ylidene=  
           phosphoramidate  
 ISO fosthietan  
 IUPAC diethyl 1,3-dithietan-2-ylidenephosphor=  
           amidate  
 Other cyclic methylene (diethoxyphosphinyl)  
           dithiomidocarbonate

**fthalide** **27355-22-2**

Use: fungicide  
 Category: parent  
 Mol. Form.: C8H2Cl4O2  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 4,5,6,7-tetrachloro-1(3H)-  
           isobenzofuranone  
 IUPAC 4,5,6,7-tetrachlorophthalide  
 Other fthalide  
           phthalide  
 Trade Rabcide

**fuberidazole** **3878-19-1**

Use: fungicide  
 Category: parent  
 Mol. Form.: C11H8N2O  
 LMS Code: 887  
 Tolerances: foreign use  
Alternate Names:  
 9CI 2-(2-furanyl)-1H-benzimidazole  
 ISO fuberidazole  
 IUPAC 2-(2'-furyl)benzimidazole  
 Trade Voronit

**furalaxyl** **57646-30-7**

Use: fungicide  
 Category: parent  
 Mol. Form.: C17H19NO4  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI methyl N-(2,6-dimethylphenyl)-N-(2-  
           furanylcarbonyl)-DL-alaninate  
 ISO furalaxyl  
 IUPAC methyl N-2-furoyl-N-2,6-xylyl-DL-  
           alaninate  
 Other CGA-38140  
 Trade Fonganil  
           Fongarid

**furametpyr** **123572-88-3**

Use: fungicide  
 Category: parent  
 Mol. Form.: C17H20ClN3O2  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 5-chloro-N-(1,3-dihydro-1,1,3-trimethyl-4-  
           isobenzofuranyl)-1,3-dimethyl-1H-  
           pyrazole-4-carboxamide  
 ISO furametpyr  
 IUPAC 5-chloro-N-(1,3-dihydro-1,1,3-  
           trimethylisobenzofuran-4-yl)-1,3-  
           dimethylpyrazole-4-carboxamide,  
           (RS)-  
 Other S-82658

**furathiocarb** **65907-30-4**

Use: insecticide  
 Category: parent  
 Mol. Form.: C18H26N2O5S  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 2,3-dihydro-2,2-dimethyl-7-benzofuranyl  
           2,4-dimethyl-5-oxo-6-oxa-3-thia-  
           2,4-diazadecanoate  
 ISO furathiocarb  
 IUPAC butyl 2,3-dihydro-2,2-dimethylbenzofuran-  
           7-yl N,N'-dimethyl-N,N'-  
           thiodicarbamate  
 Trade Deltanet  
           Promet



## FDA Glossary of Pesticide Chemicals

<p><b>furconazole-cis</b> <span style="float: right;"><b>112839-32-4</b></span></p> <p>Use: fungicide            Category: parent            Mol. Form.: C15H14Cl2F3N3O2            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 1-((2-(2,4-dichlorophenyl)tetrahydro-5-(2,2,2-trifluoroethoxy)-2-furanyl)methyl)-1H-1,2,4-triazole, cis-            ISO furconazole-cis            IUPAC 5-(2,4-dichlorophenyl)tetrahydro-5-(1H-1,2,4-triazol-1-ylmethyl)-2-furyl 2,2,2-trifluoroethyl ether, (2RS,5RS)-            Other LS 840608</p>	<p><b>furophanate</b> <span style="float: right;"><b>53878-17-4</b></span></p> <p>Use: fungicide            Category: parent            Mol. Form.: C14H13N3O3S            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI methyl [[[2-((furanylmethylene)amino)=phenyl]amino]thioxomethyl]=carbamate            ISO furophanate            IUPAC methyl 4-(2-furfurylideneaminophenyl)-3-thioallophanate</p>
<p><b>furethrin</b> <span style="float: right;"><b>17080-02-3</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C21H26O4            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 3-(2-furanylmethyl)-2-methyl-4-oxo-2-cyclopenten-1-yl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropane=carboxylate            IUPAC 3-furfuryl-2-methyl-4-oxocyclopent-2-enyl (1RS)-cis-trans-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropane=carboxylate, (RS)-            3-furfuryl-2-methyl-4-oxocyclopent-2-enyl (±)-cis-trans-chrysanthemate            Other furethrin</p>	<p><b>furyloxyfen</b> <span style="float: right;"><b>80020-41-3</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C17H13ClF3NO5            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 3-(5-(2-chloro-4-(trifluoromethyl)phenoxy)-2-nitrophenoxy tetrahydrofuran            ISO furyloxyfen            IUPAC 5-(2-chloro-<math>\alpha,\alpha,\alpha</math>-trifluoro-p-tolyloxy)-2-nitrophenyl tetrahydro-3-furyl ether, (RS)-            Other MT-124</p>
<p><b>furilazole</b> <span style="float: right;"><b>121776-33-8</b></span></p> <p>Use: herbicide safener            Category: parent            Mol. Form.: C11H13Cl2NO3            LMS Code: A33            Tolerances: 180.471  <u>Alternate Names:</u>            9CI 3-(dichloroacetyl)-5-(2-furanyl)-2,2-dimethyloxazolidine            ISO furilazole            IUPAC 3-dichloroacetyl-5-(2-furanyl)-2,2-dimethyloxazolidine, (RS)-            Other MON-13900</p>	<p><b>G-27550</b> <span style="float: right;"><b>2814-20-2</b></span></p> <p>Use:            Category: metabolite            Mol. Form.: C8H12N2O            LMS Code: 632            Tolerances: 180.153, 185.1750, 186.1750  <u>Alternate Names:</u>            9CI 6-methyl-2-(1-methylethyl)-4(1H)-pyrimidinone            Other diazinon metabolite (hydrolysis product)            G-27550            pyrimidinol</p>
<p><b>furmecyclox</b> <span style="float: right;"><b>60568-05-0</b></span></p> <p>Use: fungicide            Category: parent            Mol. Form.: C14H21NO3            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI N-cyclohexyl-N-methoxy-2,5-dimethyl-3-furancarboxamide            ISO furmecyclox            IUPAC methyl N-cyclohexyl-2,5-dimethyl-3-furohydroxamate            methyl N-cyclohexyl-2,5-dimethylfuran-3-carbohydroxamate            Trade Campogran            Epic</p>	<p style="text-align: center;"><b>G</b></p> <p><b>Gardona</b> <span style="float: right;"><b>22248-79-9</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C10H9Cl4O4P            LMS Code: 176            Tolerances: 180.252, 186.950, foreign use  <u>Alternate Names:</u>            9CI 2-chloro-1-(2,4,5-trichlorophenyl)ethenyl dimethyl phosphate, (Z)-            ISO tetrachlorvinphos            IUPAC 2-chloro-1-(2,4,5-trichlorophenyl)vinyl dimethyl phosphate, (Z)-            Other 2-chloro-1-(2,4,5-trichlorophenyl) vinyl dimethyl phosphate            Trade stirofos            Gardona            Rabon            SD 8447</p>

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### gentamicin sulfate 1405-41-0

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>21</sub>H<sub>43</sub>N<sub>5</sub>O<sub>7</sub>  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 Other alcomycin  
 bristagen  
 cidomycin  
 duragentam  
 garamycin  
 garasol  
 genoptic  
 gentacidin  
 gentacin  
 gentaglyde  
 gentalyn  
 gentamicin sulfate  
 gentamycin sulfate  
 gentibiophtal  
 genticin  
 gentocin  
 gentogram  
 getalline  
 jenamicin  
 lugacin  
 nichogencin  
 ophtagram  
 pangram  
 refobacin  
 septopal  
 sulmycin  
 Trade Agrigent  
 Gent-Ophtal  
 Gentamex 100  
 U-gencin

### gibberellic acid 77-06-5

Use: plant growth regulator  
 Category: parent  
 Mol. Form.: C<sub>19</sub>H<sub>22</sub>O<sub>6</sub>  
 LMS Code:  
 Tolerances: removed, foreign use  
Alternate Names:  
 9CI 2,4 $\alpha$ ,7-trihydroxy-1-methyl-8-methylene-gibb-3-ene-1,10-dicarboxylic acid 1,4 $\alpha$ -lactone, (1 A, 2 B, 4 $\alpha$  A,4 $\beta$  B,10 B)-  
 ISO gibberellic acid  
 IUPAC 6,11-dihydroxy-3-methyl-12-methylene-2-oxo-4 $\alpha$ ,6-ethano-3,8 $\beta$ -prop-1-enoperhydroindeno[1,2-b]furan-4-carboxylic acid, (3S,3aR,4S,4aS,6S,8aR,8bR,11S)-  
 7,12-dihydroxy-3-methyl-6-methylene-2-oxoperhydro-4 $\alpha$ ,7-methano-9 $\beta$ ,3-propeno[1,2-b]furan-4-carboxylic acid, (3S,3aS,4S,4aS,=7S,9aR,9bR,12S)-  
 Other 2,4 $\alpha$ ,7-trihydroxy-1-methyl-8-methylene-gibb-3-ene-1,10-carboxylic acid 1-4-lactone  
 2,4 $\alpha$ ,7-trihydroxy-1-methyl-8-methylene-gibb-3-ene-1,10-dicarboxylic acid 1,4 $\alpha$ -lactone  
 2,4 $\alpha$ ,7-trihydroxy-1-methyl-8-methylene-gibb-3-ene-1,10-dicarboxylic acid 1,4 $\alpha$ -lactone, (1 $\alpha$ ,2 $\beta$ ,4 $\alpha\alpha$ ,4 $\beta\beta$ ,10 $\beta$ )-

2,4 $\alpha$ ,7-trihydroxy-1-methyl-8-methylene-gibb-3-ene-1,10 $\beta$ -dicarboxylic acid 1,4 $\alpha$ -lactone  
 2 $\beta$ ,4 $\alpha\alpha$ ,7-trihydroxy-1 $\beta$ -methyl-8-methylene-4 $\alpha\alpha$ ,4 $\beta\beta$ -gibb-3-ene-1 $\alpha$ ,10 $\beta$ -dicarboxylic acid 1,4 $\alpha$ -lactone  
 2 $\beta$ ,4 $\alpha$ ,7-trihydroxy-1-methyl-8-methylene-4 $\alpha\alpha$ ,4 $\beta\beta$ -gibb-3-ene-1 $\alpha$ ,10 $\beta$ -dicarboxylic acid 1,4 $\alpha$ -lactone  
 2 $\beta$ ,4 $\alpha$ ,7-trihydroxy-1-methylene-4 $\alpha\alpha$ ,4 $\beta\beta$ -gibb-3-ene-1 $\alpha$ ,10 $\beta$ -dicarboxylic acid 1,4 $\alpha$  lactone  
 6,11-dihydroxy-3-methyl-12-methylene-2-oxo-4 $\alpha$ ,6-ethano-3,8 $\beta$ -prop-1-enoperhydroindeno(1,2-b)furan-4-carboxylic acid, (3S,3aS,4S,4aS,6S,8aS,8bS,11S)-  
 6,11-dihydroxy-3-methyl-12-methylene-2-oxo-4 $\alpha$ ,6-ethano-3,8 $\beta$ -prop-1-enoperhydroindeno(1,2-b)furan-4-carboxylic acid, (3S,3aS,4S,4aS,6S,8aR,8bR,11S)-  
 7,12-dihydroxy-3-methyl-6-methylene-2-oxoperhydro-4 $\alpha$ ,7-methano-9 $\beta$ ,3-propeno(1,2-b)furan-4-carboxylic acid, (3S,3aS,4S,4aS,=7S,9aR,9bR,12S)-  
 7,12-dihydroxy-3-methyl-6-methylene-2-oxoperhydro-4 $\alpha$ ,7-methano-9 $\beta$ ,3-propenoazuleno(1,2-b)furan-4-carboxylic acid, (3S,3aR,4S,4aS,=7S,9aR,9bR,12S)-  
 gibb-3-ene-1,10-dicarboxylic acid, 2,4 $\alpha$ ,7-trihydroxy-1-methyl-8-methylene-, 1,4 $\alpha$ -lactone, (1 $\alpha$ ,2 $\beta$ ,4 $\alpha\alpha$ ,4 $\beta\beta$ ,10 $\beta$ )

gibberellin a3  
 gibberellins

Trade Activol  
 Activol GA  
 Berelex  
 Brellin  
 Floraltone  
 Regulex  
 Ryzup

### glufosinate ammonium salt (1:1) 77182-82-2

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>5</sub>H<sub>12</sub>NO<sub>4</sub>P•H<sub>3</sub>N  
 LMS Code:  
 Tolerances: 180.473, foreign use  
Alternate Names:  
 9CI monoammonium 2-amino-4-(hydroxy=methylphosphinyl)butanoate  
 ANSI glufosinate ammonium salt (1:1)  
 ISO glufosinate-ammonium  
 IUPAC ammonium-DL-homoalanin-4-yl-(methyl)-phosphinate  
 Other AE F039866  
 HOE 39866  
 Trade Basta  
 Ignite

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**glyodin** **556-22-9**

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>21</sub>H<sub>44</sub>N<sub>2</sub>O<sub>2</sub>  
 LMS Code: 041  
 Tolerances: revoked  
Alternate Names:  
 9CI 2-heptadecyl-4,5-dihydro-1H-imidazole  
       monoacetate  
 ISO glyodin  
 IUPAC 2-heptadecyl-2-imidazoline acetate  
       acetic acid-2-heptadecyl-2-imidazoline  
       (1:1)  
 Other glyoxide  
 Trade Crag 341

**glyoxime** **557-30-2**

Use: plant growth regulator  
 Category: parent  
 Mol. Form.: C<sub>2</sub>H<sub>4</sub>N<sub>2</sub>O<sub>2</sub>  
 LMS Code:  
 Tolerances: temporary  
Alternate Names:  
 9CI ethanedial dioxime  
 IUPAC glyoxal dioxime  
 Other glyoxime  
 Trade Pik-off

**glyphosate** **1071-83-6**

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>3</sub>H<sub>8</sub>NO<sub>5</sub>P  
 LMS Code: 653  
 Tolerances: 180.364, foreign use  
Alternate Names:  
 9CI N-(phosphonomethyl)glycine  
 ANSI glyphosate  
 ISO glyphosate  
 IUPAC N-(phosphonomethyl)glycine  
 Other (carboxymethylamino)methylphosphonic  
       acid  
       carboxy methylaminomethyl phosphonic  
       acid  
       N-phosphomethylglycine  
       N-phosphoromethylglycine  
       phosphonomethylaminoacetic acid  
 Trade Roundup

**glyphosate-trimethylsulfonium** **81591-81-3**

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>3</sub>H<sub>9</sub>S•C<sub>3</sub>H<sub>7</sub>NO<sub>5</sub>P  
 LMS Code:  
 Tolerances: 180.489, removed, foreign use  
Alternate Names:  
 9CI trimethylsulfonium N-  
       (phosphonomethyl)glycine  
 Other glyphosate-trimethylsulfonium  
       sulfonium, trimethyl-salt with N-  
       (phosphonomethyl)glycine (1:1)  
       sulfosate  
 Trade Touchdown

**glyphosine** **2439-99-8**

Use: plant growth regulator  
 Category: parent  
 Mol. Form.: C<sub>4</sub>H<sub>11</sub>NO<sub>8</sub>P<sub>2</sub>  
 LMS Code:  
 Tolerances: revoked, foreign use  
Alternate Names:  
 9CI N,N-bis(phosphonomethyl)glycine  
 ANSI glyphosine  
 ISO glyphosine  
 IUPAC N,N-bis(phosphonomethyl)glycine  
 Trade Polaris

## H

**halacrinatate** **34462-96-9**

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>12</sub>H<sub>7</sub>BrClNO<sub>2</sub>  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 7-bromo-5-chloro-8-quinolinyl 2-  
       propenoate  
 ISO halacrinatate  
 IUPAC 7-bromo-5-chloro-8-quinolyl acrylate

**halfenprox** **111872-58-3**

Use: acaricide/insecticide  
 Category: parent  
 Mol. Form.: C<sub>24</sub>H<sub>23</sub>BrF<sub>2</sub>O<sub>3</sub>  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 1-((2-(4-(bromodifluoromethoxy)phenyl)-2-  
       methylpropoxy)methyl)-3-  
       phenoxybenzene  
 ISO halfenprox  
 IUPAC 2-(4-bromodifluoromethoxyphenyl)-2-  
       methylpropyl 3-phenoxybenzyl ether  
 Other MTI-732

**halofenozide** **112226-61-6**

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>18</sub>H<sub>19</sub>ClN<sub>2</sub>O<sub>2</sub>  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 4-chlorobenzoic acid 2-benzoyl-2-(1,1-  
       dimethylethyl)hydrazide  
 ANSI halofenozide  
 ISO halofenozide  
 IUPAC N-tert-butyl-N'-(4-chlorobenzoyl)=  
       benzohydrazide  
 Other RH-0345  
 Trade Mach 2



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<p><b>heptenophos</b> <span style="float: right;"><b>23560-59-0</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>9</sub>H<sub>12</sub>ClO<sub>4</sub>P            LMS Code: 841            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 7-chlorobicyclo(3.2.0)hepta-2,6-dien-6-yl dimethyl phosphate            ISO heptenophos            IUPAC 7-chlorobicyclo[3.2.0]hepta-2,6-dien-6-yl dimethyl phosphate            Trade Hostaquick            Ragadan</p>	<p><b>hexaflumuron</b> <span style="float: right;"><b>86479-06-3</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>16</sub>H<sub>8</sub>Cl<sub>2</sub>F<sub>6</sub>N<sub>2</sub>O<sub>3</sub>            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI N-(((3,5-dichloro-4-(1,1,2,2-tetrafluoroethoxy)phenyl)amino)carbonyl)-2,6-difluorobenzamide            ANSI hexaflumuron            ISO hexaflumuron            IUPAC 1-[3,5-dichloro-4-(1,1,2,2-tetrafluoroethoxy)phenyl]-3-(2,6-difluorobenzoyl)urea            Other XRD 473</p>
<p><b>hexachlorobenzene</b> <span style="float: right;"><b>118-74-1</b></span>            Use: seed protectant            Category: impurity            Mol. Form.: C<sub>6</sub>Cl<sub>6</sub>            LMS Code: 321            Tolerances: 180.291  <u>Alternate Names:</u>            9CI hexachlorobenzene            ISO hexachlorobenzene            IUPAC hexachlorobenzene            Other HCB            quintozene impurity            Trade Anticarie            No Bunt</p>	<p><b>hexazinone</b> <span style="float: right;"><b>51235-04-2</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>12</sub>H<sub>20</sub>N<sub>4</sub>O<sub>2</sub>            LMS Code: 633            Tolerances: 180.396, 185.3575, 186.3575, foreign use  <u>Alternate Names:</u>            9CI 3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1H,3H)-dione            ANSI hexazinone            ISO hexazinone            IUPAC 3-cyclohexyl-6-dimethylamino-1-methyl-1,3,5-triazine-2,4(1H,3H)-dione            Other DPX-A3674            Trade Velpar</p>
<p><b>hexachlorophene</b> <span style="float: right;"><b>70-30-4</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>13</sub>H<sub>6</sub>Cl<sub>6</sub>O<sub>2</sub>            LMS Code: 757            Tolerances: revoked  <u>Alternate Names:</u>            9CI 2,2'-methylenebis(3,4,6-trichlorophenol)            IUPAC 2,2'-methylenebis(3,4,6-trichlorophenol)            Other Compound G-11            hexachlorophene</p>	<p><b>hexythiazox</b> <span style="float: right;"><b>78587-05-0</b></span>            Use: insecticide, acaricide            Category: parent            Mol. Form.: C<sub>17</sub>H<sub>21</sub>ClN<sub>2</sub>O<sub>2</sub>S            LMS Code: B10            Tolerances: 180.448, foreign use  <u>Alternate Names:</u>            9CI 5-(4-chlorophenyl)-N-cyclohexyl-4-methyl-2-oxo-3-thiazolidinecarboxamide, trans-            ISO hexythiazox            IUPAC 5-(4-chlorophenyl)-N-cyclohexyl-4-methyl-2-oxo-1,3-thiazolidine-3-carboxamide, (4RS,5RS)-            Other DPX-Y5893            Trade Acriflor            Cesar            Nissorun            Procide            Savey            Sipcam            Zeldox</p>
<p><b>hexaconazole</b> <span style="float: right;"><b>79983-71-4</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>14</sub>H<sub>17</sub>Cl<sub>2</sub>N<sub>3</sub>O            LMS Code: 954            Tolerances: 180.488, foreign use  <u>Alternate Names:</u>            9CI butyl-<math>\alpha</math>-(2,4-dichlorophenyl)-1H-1,2,4-triazole-1-ethanol, (<math>\pm</math>)-<math>\alpha</math>-            ANSI hexaconazole            ISO hexaconazole            IUPAC 2-(2,4-dichlorophenyl)-1-(1H-1,2,4-triazol-1-yl)hexan-2-ol, (RS)-            Other PP 523            R154523            Trade Anvil</p>	



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**hydramethylnon** **67485-29-4**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>25</sub>H<sub>24</sub>F<sub>6</sub>N<sub>4</sub>  
 LMS Code: 754  
 Tolerances: 180.395, foreign use  
Alternate Names:  
 9CI tetrahydro-5,5-dimethyl-2(1H)-  
           pyrimidinone (3-(4-(trifluoro=  
           methyl)phenyl)-1-(2-(4-  
           (trifluoromethyl)phenyl)ethenyl)-2-  
           propenylidene hydrazone  
 ANSI hydramethylnon  
 ISO hydramethylnon  
 IUPAC 5,5-dimethylperhydropyrimidin-2-one-4-  
           trifluoromethyl- $\alpha$ -(4-trifluoromethyl=  
           styryl)cinnamylidenehydrazone  
 Trade Amdro  
       Combat  
       Maxforce  
       Pyramdron  
       Wipeout

**hydrogen cyanamide** **420-04-2**  
 Use: plant growth regulator  
 Category: parent  
 Mol. Form.: CH<sub>2</sub>N<sub>2</sub>  
 LMS Code:  
 Tolerances: temporary, foreign  
Alternate Names:  
 9CI cyanamide  
 Other hydrogen cyanamide  
 Trade Dormex

**hydrogen cyanide** **74-90-8**  
 Use: fumigant  
 Category: parent  
 Mol. Form.: CHN  
 LMS Code: 043  
 Tolerances: 180.130, 185.3600  
Alternate Names:  
 9CI hydrocyanic acid  
 ISO hydrogen cyanide  
 IUPAC hydrogen cyanide  
 Other HCN  
       prussic acid  
 Trade Cyclon

**hydroprene** **41096-46-2**  
 Use: insect growth regulator  
 Category: parent  
 Mol. Form.: C<sub>17</sub>H<sub>30</sub>O<sub>2</sub>  
 LMS Code:  
 Tolerances: 180.501  
Alternate Names:  
 9CI ethyl 3,7,11-trimethyl 2,4-  
           dodecadienoate, (E,E)-  
 ANSI hydroprene  
 ISO hydroprene  
 IUPAC ethyl (E,E)-(RS)-3,7,11-trimethyldodeca-  
           2,4-dienoate  
 Other ethyl (2E,4E)-3,7,11-trimethyl-2,4-  
           dodecadienoate, (R)- and (S)-  
       OMS 1696  
       ZR-512  
 Trade Altozar  
       Gencor

**hymexazol** **10004-44-1**  
 Use: fungicide, growth regulator  
 Category: parent  
 Mol. Form.: C<sub>4</sub>H<sub>5</sub>NO<sub>2</sub>  
 LMS Code: 854  
 Tolerances: foreign use  
Alternate Names:  
 9CI 5-methyl-3(2H)-isoxazolone  
 ISO hymexazol  
 IUPAC 5-methyl-1,2-oxazol-3-ol  
 Trade Hyzole  
       Tachigaren

**imazalil** **35554-44-0**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>14</sub>H<sub>14</sub>Cl<sub>2</sub>N<sub>2</sub>O  
 LMS Code: 604  
 Tolerances: 180.413, revoked, 186.3650, foreign use  
Alternate Names:  
 9CI 1-(2-(2,4-dichlorophenyl)-2-(2-  
           propenyloxy)ethyl)-1H-imidazole  
 ANSI imazalil  
 ISO imazalil  
 IUPAC 1-( $\beta$ -allyloxy-2,4-dichlorophenylethyl)=  
           imidazole, (RS)-  
           allyl 1-(2,4-dichlorophenyl)-2-imidazol-1-  
           ylethyl ether, (RS)-  
 Other 1[2-(2,4-dichlorophenyl)-2-(2-  
           propenyloxy)ethyl]-1H-imidazole, ( $\pm$ )-  
           enilconazole  
 Trade Deccozi  
       Freshgard  
       Fungaflor  
       Fungazil

**imazamethabenz methyl ester** **81405-85-8**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>16</sub>H<sub>20</sub>N<sub>2</sub>O<sub>3</sub>  
 LMS Code: 753  
 Tolerances: 180.437, foreign use  
Alternate Names:  
 9CI methyl ( $\pm$ )-2-(4,5-dihydro-4-methyl-4-(1-  
           methylethyl)-5-oxo-1H-imidazol-2-  
           yl)-(4and 5)-methylbenzoate (3:2)  
 ANSI imazamethabenz methyl ester  
 ISO imazamethabenz-methyl  
 IUPAC methyl 2-(4-isopropyl-4-methyl-5-oxo-2-  
           imidazolin-2-yl)-p-toluate and  
           methyl ( $\pm$ )-6-(4-isopropyl-4-methyl-  
           5-oxo-2-imidazolin-2-yl)-m-toluate  
 Other AC 222,293  
 Trade Assert  
       Dagger



## FDA Glossary of Pesticide Chemicals

<p><b>imazamox</b> <span style="float: right;"><b>114311-32-9</b></span>            Use: herbicide            Category: parent            Mol. Form.: C15H19N3O4            LMS Code:            Tolerances: 180.508  <u>Alternate Names:</u>            9CI 2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-(methoxy=methyl)-3-pyridinecarboxylic acid            ANSI imazamox            ISO imazamox            IUPAC 2-(4-isopropyl-4-methyl-5-oxo-2-imidazol-2-yl)-5-methoxymethyl=nicotinic acid            Other AC 299,263                  CL 299,263            Trade Raptor</p>	<p><b>imazapyr</b> <span style="float: right;"><b>94795-74-1</b></span>            Use: herbicide            Category: parent            Mol. Form.: C13H15N3O3            LMS Code:            Tolerances: 180.500, 185.---, foreign use  <u>Alternate Names:</u>            9CI 2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-3-pyridine=carboxylic acid, (±)-            ANSI imazapyr            ISO imazapyr            IUPAC 2-(4-isopropyl-4-methyl-5-oxo-2-imidazol-2-yl)nicotinic acid            Other AC 243,997</p>
<p><b>imazapic</b> <span style="float: right;"><b>104098-48-8</b></span>            Use: herbic ide, fungicide            Category: precursor            Mol. Form.: C14H17N3O3            LMS Code:            Tolerances: 180.490, 186.---  <u>Alternate Names:</u>            9CI 2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-methyl-3-pyridinecarboxylic acid            ANSI imazapic (prop)            ISO impazapic            IUPAC 2-(4,5-dihydro-4-isopropyl-4-methyl-5-oxoimidazol-2-yl)-5-methylnicotinic acid,(RS)-            Other 2-(4-isopropyl-4-methyl-5-oxo-2-imidazol-2-yl)-5-methylnicotinic acid                  AC 263,222                  CL 263222                  imazapic            Trade Cadre</p>	<p><b>imazapyr 2-propanaminium salt (1:1)</b> <b>81510-83-0</b>            Use: herbicide            Category: formulation            Mol. Form.: C13H15N3O3•C3H9N            LMS Code:            Tolerances: 180.500, 185.---, foreign use  <u>Alternate Names:</u>            9CI 2-propanamine 2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-3-pyridinecarboxylate            ANSI imazapyr 2-propanaminium salt (1:1)            ISO imazapyr-isopropylamine            IUPAC 2-(4-isopropyl-4-methyl-5-oxo-2-imidazol-2-yl)nicotinic acid, salt of            Other AC 252925                  imazapyr isopropylamine salt                  isopropylamine salt of imazapyr            Trade Arsenal</p>
<p><b>imazapic ammonium salt</b> <span style="float: right;"><b>104098-49-9</b></span>            Use: herbicide            Category: parent            Mol. Form.: C14H17N3O3•NH3            LMS Code:            Tolerances: 180.490, 186.---  <u>Alternate Names:</u>            9CI monoammonium 2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-methyl-3-pyridinecarboxylate, (±)-            ISO imazapic ammonium salt            IUPAC ammonium (RS)-2-(4,5-dihydro-4-isopropyl-4-methyl-5-oxoimidazol-2-yl)-5-methylnicotinate            Other AC 263,222 ammonium salt                  CL 263222 ammonium salt            Trade Cadre</p>	<p><b>imazaquin</b> <span style="float: right;"><b>81335-37-7</b></span>            Use: herbicide            Category: parent            Mol. Form.: C17H17N3O3            LMS Code:            Tolerances: 180.426, foreign use  <u>Alternate Names:</u>            9CI 2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-3-quinolinecarboxylic acid            ANSI imazaquin            ISO imazaquin            IUPAC 2-(4-isopropyl-4-methyl-5-oxo-2-imidazol-2-yl)quinoline-3-carboxylic acid, (RS)-            Other AC 252,214                  CL 252214            Trade Scepter</p>
	<p><b>imazethapyr</b> <span style="float: right;"><b>81335-77-5</b></span>            Use: herbicide            Category: precursor            Mol. Form.: C15H19N3O3            LMS Code:            Tolerances: 180.447, foreign use  <u>Alternate Names:</u>            9CI 2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-ethyl-3-pyridinecarboxylic acid            ANSI imazethapyr            ISO imazethapyr            IUPAC 5-ethyl-2-(4-isopropyl-4-methyl-5-oxo-2-imidazol-2-yl)nicotinic acid, (RS)-</p>

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**imazethapyr ammonium salt**                    **101917-66-2**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>15</sub>H<sub>19</sub>N<sub>3</sub>O<sub>3</sub>•H<sub>3</sub>N  
 LMS Code:  
 Tolerances: 180.447, foreign use  
Alternate Names:  
 9CI monoammonium 2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-ethyl-3-pyridinecarboxylate  
 ANSI imazethapyr ammonium salt  
 IUPAC 5-ethyl-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinate, (RS)-, salt of  
 Other AC 263,499  
           imazethapyr-ammonium  
 Trade Pivot  
           Pursuit

**imazosulfuron**                                    **122548-33-8**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>14</sub>H<sub>13</sub>CIN<sub>6</sub>O<sub>5</sub>S  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 2-chloro-N-(((4,6-dimethoxy-2-pyrimidinyl)amino)carbonyl)imidazo[1,2-a]pyridine-3-sulfonamide  
 ISO imazosulfuron  
 IUPAC 1-(2-chloroimidazo[1,2-a]pyridin-3-ylsulfonyl)-3-(4,6-dimethoxypyrimidin-2-yl)urea  
 Other TH-913  
 Trade Takeoff

**imibenconazole**                                    **86598-92-7**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>17</sub>H<sub>13</sub>Cl<sub>3</sub>N<sub>4</sub>S  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI (4-chlorophenyl)methyl N-(2,4-dichlorophenyl)-1H-1,2,4-triazole-1-ethanimidothioate  
 ISO imibenconazole  
 IUPAC 4-chlorobenzyl N-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-yl)thioacetamidate  
 Other HF-6305  
           HF-8505

**imidacloprid**                                        **138261-41-3**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>9</sub>H<sub>10</sub>CIN<sub>5</sub>O<sub>2</sub>  
 LMS Code: 967  
 Tolerances: 180.472, foreign use  
Alternate Names:  
 9CI 1-(6-chloro-3-pyridinyl)methyl-N-nitro-2-imidazolidinimine  
 ISO imidacloprid  
 IUPAC 1-(6-chloro-3-pyridylmethyl)-N-nitroimidazolidin-2-ylideneamine  
 Other 1-((6-chloro-3-pyridinyl)methyl)-N-nitro-4,5-dihydro-1H-imidazol-2-amine  
           NTN 33893  
 Trade Admire  
           Confidor  
           Gaucho  
           Merit  
           Provado

**iminocadine**                                        **13516-27-3**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>18</sub>H<sub>41</sub>N<sub>7</sub>  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI N,N''-(iminodi-8,1-octanediy)bisguanidine  
 ISO iminocadine  
 IUPAC 1,1'-iminodi(octamethylene)diguandine bis(8-guanidino-octyl)amine  
 Trade Befran  
           Kenopel  
           Panocrine  
           Panolil

**imiprothrin**                                        **72963-72-5**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>17</sub>H<sub>22</sub>N<sub>2</sub>O<sub>4</sub>  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)-(2,5-dioxo-3-(2-propynyl)-1-imidazolidinyl)cyclopropane=carboxylate  
 ISO imiprothrin  
 IUPAC 2,5-dioxo-3-prop-2-ynylimidazolidin-1-ylmethyl-2,2-dimethyl (1R,3S) and (1R,3R)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropane=carboxylate, 20:80 mixture  
 Other S-41311

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<p><b>inabenfide</b> <span style="float: right;"><b>82211-24-3</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: C19H15ClN2O2            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI N-(4-chloro-2-(hydroxyphenylmethyl)=phenyl)-4-pyridinecarboxamide            ISO inabenfide            IUPAC 4'-chloro-2'-(<math>\alpha</math>-hydroxybenzyl)=isonicotinanilide            Trade Seritard</p>	<p><b>iodosulfuron-methyl-sodium</b> <span style="float: right;"><b>144550-36-7</b></span>            Use: herbicide            Category: parent            Mol. Form.: C14H14IN5O6S•Na            LMS Code:            Tolerances: 180.580  <u>Alternate Names:</u>            9CI methyl 4-iodo-2-((((4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino)carbonyl)=amino)sulfonyl)benzoate monosodium salt            ISO iodosulfuron-methyl-sodium            Other AE F115008            Trade Tribute</p>
<p><b>indanofan</b> <span style="float: right;"><b>133220-30-1</b></span>            Use: herbicide            Category: parent            Mol. Form.: C20H17ClO3            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 2-((2-(3-chlorophenyl)oxiranyl)methyl)-2-ethyl-1H-indene-1,3(2H)-dione            ISO indanofan            IUPAC 2-[2-(3-chlorophenyl)-2,3-epoxypropyl]-2-ethylindan-1,3-dione, (RS)-            Other MK-243</p>	<p><b>ioxynil</b> <span style="float: right;"><b>1689-83-4</b></span>            Use: herbicide            Category: parent            Mol. Form.: C7H3I2NO            LMS Code: A35            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 4-hydroxy-3,5-diiodobenzonitrile            ISO ioxynil            IUPAC 4-hydroxy-3,5-di-iodobenzonitrile 4-hydroxy-3,5-di-iodophenyl cyanide            Trade Actril            Certrol</p>
<p><b>indoxacarb</b> <span style="float: right;"><b>173584-44-6</b></span>            Use: insecticide            Category: component            Mol. Form.: C22H17ClF3N3O7            LMS Code:            Tolerances: 180.564  <u>Alternate Names:</u>            9CI methyl 7-chloro-2,5-dihydro-2-(((methoxy=carbonyl)(4-(trifluoromethoxy)=phenyl)amino)carbonyl)indeno(1,2-e)(1,3,4)oxadiazine-4a(3H)-carboxylate, (S)-            ANSI indoxacarb            ISO indoxacarb            IUPAC methyl (S)-7-chloro-2,3,4a,5-tetrahydro-2-[methoxycarbonyl(4-trifluoro= methoxyphenyl)carbamoyl]indeno= [1,2-e][1,3,4]oxadiazine-4a(3H)-carboxylate            Trade DPX-KN128</p>	<p><b>ipconazole</b> <span style="float: right;"><b>125225-28-7</b></span>            Use: fungicide            Category: parent            Mol. Form.: C18H24ClN3O            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 2-((4-chlorophenyl)methyl)-5-(1-methylethyl)-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol            ISO ipconazole            IUPAC 2-(4-chlorobenzyl)-5-isopropyl-1-(1H-1,2,4-triazol-1-ylmethyl)=cyclopentanol, (1RS,2SR,5RS;1RS,2SR,5SR)-            Other KNF-317</p>
<p><b>indoxacarb, (R)-</b>            Use: insecticide            Category: component            Mol. Form.: C22H17ClF3N3O7            LMS Code:            Tolerances: 180.564  <u>Alternate Names:</u>            9CI methyl 7-chloro-2,5-dihydro-2-(((methoxy=carbonyl) [4-(trifluoromethoxy)=phenyl]amino)carbonyl)indeno [1,2-e] [1,3,4] oxadiazine-4a(3H)-carboxylate, (R)-            IUPAC methyl (R)-7-chloro-2,3,4a,5-tetrahydro-2-[methoxycarbonyl(4-trifluoro= methoxyphenyl)carbamoyl]=indeno[1,2-e][1,3,4]oxadiazine-4a(3H)-carboxylate            Other indoxacarb, (R)-            Trade DPX-KN-127            IN-KN127</p>	<p><b>iprobenfos</b> <span style="float: right;"><b>26087-47-8</b></span>            Use: fungicide            Category: parent            Mol. Form.: C13H21O3PS            LMS Code: 867            Tolerances: foreign use  <u>Alternate Names:</u>            9CI O,O-bis(1-methylethyl) S-(phenylmethyl) phosphorothioate            ISO iprobenfos            IUPAC S-benzyl O,O-di-isopropyl phosphorothioate            Other IBP            Trade Kitazin</p>

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### iprodione 36734-19-7

Use: fungicide  
 Category: parent  
 Mol. Form.: C13H13Cl2N3O3  
 LMS Code: 626  
 Tolerances: 180.399, revoked, removed, foreign use  
Alternate Names:  
 9CI 3-(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidine=carboxamide  
 ANSI iprodione  
 ISO iprodione  
 IUPAC 3-(3,5-dichlorophenyl)-N-isopropyl-2,4-dioxoimidazolidine-1-carboxamide  
 Trade Chipco 26019  
 Glycophene  
 Rovral

### iprovalicarb 140923-17-7

Use: fungicide  
 Category: parent  
 Mol. Form.: C18H28N2O3  
 LMS Code:  
 Tolerances: 180.581  
Alternate Names:  
 ISO iprovalicarb  
 IUPAC isopropyl 2-methyl-1-[(1-p-tolylolethyl)=carbamoyl]-(S)-propylcarbamate  
 Other (1S)-2-methyl-1-[[[(1-(4-methylphenyl)=ethylamino]carbonyl]propyl]carbamic acid 1-methylethyl ester  
 (2-methyl-1S(((1SR-(4-methylphenyl)=ethylamino)carbonyl]propyl)=carbamic acid-1-methylethyl ester  
 2-methyl-1-[[[(1S)-(4-methylphenyl)=ethylamino]carbonyl]propyl]carbamic acid methylethyl ester

### isamidofos 66602-87-7

Use: nematicide  
 Category: parent  
 Mol. Form.: C14H23N2O3PS  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI O-ethyl S-(2-(methylphenylamino)-2-oxoethyl) (1-methylethyl) phosphoroamidothiate  
 ISO isamidofos  
 IUPAC O-ethyl S-(N-methylcarbaniloylmethyl) N-isopropylphosphoramidothioate  
 Other HOE 36275

### isazofos 42509-80-8

Use: insecticide  
 Category: parent  
 Mol. Form.: C9H17ClN3O3PS  
 LMS Code: 842  
 Tolerances: temporary, foreign  
Alternate Names:  
 9CI O-(5-chloro-1-(1-methylethyl)-1H-1,2,4-triazol-3-yl) O,O-diethyl phosphorothioate  
 ANSI isazofos  
 ISO isazofos  
 IUPAC O-5-chloro-1-isopropyl-1H-1,2,4-triazol-3-yl O,O-diethyl phosphorothioate  
 Other CGA-12223  
 Trade Brace  
 Miral  
 Triumph

### isocarbamid 30979-48-7

Use: herbicide  
 Category: parent  
 Mol. Form.: C8H15N3O2  
 LMS Code: A36  
 Tolerances: foreign use  
Alternate Names:  
 9CI N-(2-methylpropyl)-2-oxo-1-imidazolidine=carboxamide  
 ISO isocarbamid  
 IUPAC N-isobutyl-2-oxoimidazolidine-1-carboxamide

### isofenphos 25311-71-1

Use: insecticide  
 Category: parent  
 Mol. Form.: C15H24NO4PS  
 LMS Code: 258  
 Tolerances: revoked, foreign use  
Alternate Names:  
 9CI 1-methylethyl 2-((ethoxy((1-methylethyl)=amino)phosphinothioyl)oxy)benzoate  
 ISO isofenphos  
 IUPAC O-ethyl O-2-isopropoxycarbonylphenyl isopropylphosphoramidothioate  
 Trade Amaze  
 Oftanol

### isoprocarb 2631-40-5

Use: insecticide  
 Category: parent  
 Mol. Form.: C11H15NO2  
 LMS Code: 637  
 Tolerances: foreign use  
Alternate Names:  
 9CI 2-(1-methylethyl)phenyl methylcarbamate  
 ISO isoprocarb  
 IUPAC 2-isopropylphenyl methylcarbamate cumenyl methylcarbamate, o-  
 Other MIPC  
 Trade Etrolan  
 Hytox  
 Mipcin

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<p><b>isopropalin</b> <span style="float: right;"><b>33820-53-0</b></span>            Use: herbicide            Category: parent            Mol. Form.: C15H23N3O4            LMS Code: 946            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI 4-(1-methylethyl)-2,6-dinitro-N,N-dipropylbenzenamine            ANSI isopropalin            ISO isopropalin            Trade EL-179            Paarlan</p>	<p><b>isouron</b> <span style="float: right;"><b>55861-78-4</b></span>            Use: herbicide            Category: parent            Mol. Form.: C10H17N3O2            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI N'-(5-(1,1-dimethylethyl)-3-isoxazolyl)-N,N-dimethylurea            ANSI isouron            IUPAC 3-(5-tert-butylisoxazol-3-yl)-1,1-dimethylurea            Trade Conserve            Isoxyl</p>
<p><b>isopropyl (3-chloro-4-methoxyphenyl)carbamate</b> <span style="float: right;"><b>94483-57-5</b></span>            Use:            Category: metabolite            Mol. Form.: C11H14ClNO3            LMS Code: 257            Tolerances: 180.181  <u>Alternate Names:</u>            9CI 1-methylethyl (3-chloro-4-methoxyphenyl)carbamate            IUPAC 4'-methoxy-2-propyl-3'-chlorocarbanilate            Other chlorpropham metabolite            CIPC metabolite            isopropyl (3-chloro-4-methoxyphenyl)carbamate</p>	<p><b>isoxaben</b> <span style="float: right;"><b>82558-50-7</b></span>            Use: herbicide            Category: parent            Mol. Form.: C18H24N2O4            LMS Code: B14            Tolerances: foreign use  <u>Alternate Names:</u>            9CI N-(3-(1-ethyl-1-methylpropyl)-5-isoxazolyl)-2,6-dimethoxybenzamide            ANSI isoxaben            ISO isoxaben            IUPAC N-[3-(1-ethyl-1-methylpropyl)-1,2-oxazol-5-yl]-2,6-dimethoxybenzamide            Other benamizole            benzamizole            EL-107            Trade Flexidor            Gallery</p>
<p><b>isoprothiolane</b> <span style="float: right;"><b>50512-35-1</b></span>            Use: fungicide            Category: parent            Mol. Form.: C12H18O4S2            LMS Code: 855            Tolerances: foreign use  <u>Alternate Names:</u>            9CI bis(1-methylethyl) 1,3-dithiolan-2-ylidenepropanedioate            ISO isoprothiolane            IUPAC di-isopropyl 1,3-dithiolan-2-ylidenemalonate            Trade Fuji-one            Isoran</p>	<p><b>isoxachlortole</b> <span style="float: right;"><b>141112-06-3</b></span>            Use: herbicide            Category: parent            Mol. Form.: C14H12ClNO4S            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI (4-chloro-2-(methylsulfonyl)phenyl)(5-cyclopropyl-4-isoxazolyl)-methanone            ISO isoxachlortole            IUPAC 4-chloro-2-mesylphenyl 5-cyclopropyl-1,2-oxazol-4-yl ketone            Other RPA 201735</p>
<p><b>isoproturon</b> <span style="float: right;"><b>34123-59-6</b></span>            Use: herbicide            Category: parent            Mol. Form.: C12H18N2O            LMS Code: 843            Tolerances: foreign use  <u>Alternate Names:</u>            9CI N,N-dimethyl-N'-(4-(1-methylethyl)phenyl)urea            ISO isoproturon            IUPAC 3-(4-isopropylphenyl)-1,1-dimethylurea            3-p-cumenyl-1,1-dimethylurea            Trade Arelon            Graminon            Isosil            Tolkan</p>	<p><b>isoxadifen</b> <span style="float: right;"><b>209866-92-2</b></span>            Use: herbicide safeners            Category: parent            Mol. Form.: C16H13NO3            LMS Code:            Tolerances: 180.570  <u>Alternate Names:</u>            9CI 4,5-dihydro-5,5-diphenyl-3-isoxazole-carboxylic acid            ISO isoxadifen            IUPAC 4,5-dihydro-5,5-diphenyl-1,2-oxazole-3-carboxylic acid</p>



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### isoxadifen-ethyl 163520-33-0

Use: safener  
 Category: parent  
 Mol. Form.:  
 LMS Code:  
 Tolerances: 180.570  
Alternate Names:  
 ISO isoxadifen-ethyl  
 Other AE F122006  
 ethyl 5,5-diphenyl-2-isoxazoline-3-carboxylate

### isoxaflutole 141112-29-0

Use: herbicide  
 Category: parent  
 Mol. Form.: C15H12SNO4F3  
 LMS Code: B15  
 Tolerances: 180.537  
Alternate Names:  
 9CI (5-cyclopropyl-4-isoxazolyl)(2-(methylsulfonyl)-4-(trifluoromethyl)phenyl)=methanone  
 ISO isoxaflutole  
 IUPAC 5-cyclopropyl-1,2-oxazol-4-yl  $\alpha,\alpha,\alpha$ -trifluoro-2-mesyl-p-tolyl ketone  
 Other 4-(2-methanesulphonyl-4-trifluoromethylbenzoyl)-5-cyclopropyl isoxazole  
 5-cyclopropyl-4-(2-methylsulfonyl-4-trifluoromethyl benzoyl)isoxazole  
 EXP-30953  
 RPA 201772  
 Trade Balance

### isoxapyrifop 87757-18-4

Use: herbicide  
 Category: parent  
 Mol. Form.: C17H16Cl2N2O4  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 2-(2-(4-((3,5-dichloro-2-pyridinyl)oxy)phenoxy)-1-oxopropyl)=isoxazolidine, ( $\pm$ )  
 ISO isoxapyrifop  
 IUPAC 2-[2-[4-(3,5-dichloro-2-pyridyloxy)phenoxy]propionyl]isoxazolidine, (RS)-  
 Other HOK-1566  
 HOK-868  
 RH-0898

### isoxathion 18854-01-8

Use: insecticide  
 Category: parent  
 Mol. Form.: C13H16NO4PS  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI O,O-diethyl O-(5-phenyl-3-isoxazolyl)phosphorothioate  
 ISO isoxathion  
 IUPAC O,O-diethyl O-5-phenyl-1,2-oxazol-3-yl phosphorothioate  
 Trade Karpfos

## J

### jasmolin I 4466-14-2

Use: insecticide  
 Category: parent  
 Mol. Form.: C21H30O3  
 C21H30O3  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI [1R-[1 $\alpha$ [S\*(Z)],3 $\beta$ ]]-2-methyl-4-oxo-3-(2-pentenyl)-2-cyclopenten-1-yl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate  
 IUPAC (Z)-(S)-2-methyl-4-oxo-3-(pent-2-enyl)=cyclopent-2-enyl (+)-trans-chrysanthemate  
 (Z)-(S)-2-methyl-4-oxo-3-(pent-2-enyl)=cyclopent-2-enyl (1R)-trans-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate  
 (Z)-(S)-2-methyl-4-oxo-3-(pent-2-enyl)=cyclopent-2-enyl (1R,3R)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate  
 Other jasmolin I

### jasmolin II 1172-63-0

Use: insecticide  
 Category: parent  
 Mol. Form.: C22H30O5  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI [1R-[1 $\alpha$ [S\*(Z)],3 $\beta$ (E)]]-2-methyl-4-oxo-3-(2-pentenyl)-2-cyclopenten-1-yl 3-(3-methoxy-2-methyl-3-oxo-1-propenyl)-2,2-dimethylcyclopropanecarboxylate  
 IUPAC (Z)-(S)-2-methyl-4-oxo-3-(pent-2-enyl)cyclopent-2-enyl (E)-(1R)-trans-3-(2-methoxycarbonylprop-1-enyl)-2,2-dimethylcyclopropane=carboxylate  
 (Z)-(S)-2-methyl-4-oxo-3-(pent-2-enyl)cyclopent-2-enyl (E)-(1R,3R)-3-(2-methoxycarbonylprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate  
 (Z)-(S)-2-methyl-4-oxo-3-(pent-2-enyl)cyclopent-2-enyl pyrethrate  
 Other jasmolin II

### jodfenphos 18181-70-9

Use: insecticide  
 Category: parent  
 Mol. Form.: C8H8Cl2IO3PS  
 LMS Code: 650  
 Tolerances:  
Alternate Names:  
 9CI O-(2,5-dichloro-4-iodophenyl) O,O-dimethyl phosphorothioate  
 ISO jodfenphos  
 IUPAC O-2,5-dichloro-4-iodophenyl O,O-dimethyl phosphorothioate  
 Other iodofenphos  
 Trade Alfacron  
 Nuvanol N



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### K

**kasugamycin** **6980-18-3**

Use: fungicide, bactericide  
 Category: parent  
 Mol. Form.: C<sub>14</sub>H<sub>25</sub>N<sub>3</sub>O<sub>9</sub>  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:

9CI 3-O-(2-amino-4-((carboxyiminomethyl)=amino)-2,3,4,6-tetra-deoxy- $\alpha$ -D-arabino-hexopyranosyl)-D-chiro-inositol  
 IUPAC 1,3,4/2,5,6-1-deoxy-2,3,4,5,6-penta=hydroxycyclohexyl 2-amino-2,3,4,6-tetra-deoxy-4-( $\alpha$ -iminoglycino)- $\alpha$ -D-arabino-hexopyranoside, 1L-[5-amino-2-methyl-6-(2,3,4,5,6-penta=hydroxycyclohexyloxy)tetrahydro=pyran-3-yl]amino- $\alpha$ -iminoacetic acid  
 Other kasugamycin  
 Trade Kasumin

**kinetin** **525-79-1**

Use: plant growth regulator  
 Category: parent  
 Mol. Form.: C<sub>10</sub>H<sub>9</sub>N<sub>5</sub>O  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:

9CI N-(2-furanylmethyl)-1H-purin-6-amine  
 IUPAC N6-furfuryladenine  
 Other 6-furfurylaminopurine  
 kinetin  
 N-(2-furanylmethyl)-1H-purine-6-amine

**Korax** **2425-66-3**

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>3</sub>H<sub>6</sub>ClNO<sub>2</sub>  
 LMS Code:  
 Tolerances: revoked  
Alternate Names:  
 9CI 1-chloro-2-nitropropane  
 Trade Korax  
 Lanstan

**kresoxim-methyl** **143390-89-0**

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>18</sub>H<sub>19</sub>NO<sub>4</sub>  
 LMS Code: B42  
 Tolerances: 180.554, pending, foreign use  
Alternate Names:  
 9CI methyl  $\alpha$ -(methoxyimino)-2-((2-methyl=phenoxy)methyl)benzeneacetate, (E)-  
 ISO kresoxim-methyl  
 IUPAC methyl (E)-methoxyimino[ $\alpha$ -(o-tolyloxy)-o-tolyl]acetate  
 Other BAS 490F  
 BF 490-1, methylated  
 methyl (E)-2methoxyimino-2-(2-(o-tolyloxymethyl)phenyl)acetate  
 Trade Stroby

### L

**lactofen** **77501-63-4**

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>19</sub>H<sub>15</sub>ClF<sub>3</sub>NO<sub>7</sub>  
 LMS Code: A38  
 Tolerances: 180.432, 180.453, foreign use  
Alternate Names:

9CI 2-ethoxy-1-methyl-2-oxoethyl 5-(2-chloro-4-(trifluoromethyl)phenoxy)-2-nitrobenzoate  
 ANSI lactofen  
 IUPAC ethyl O-[5-(2-chloro- $\alpha$ , $\alpha$ , $\alpha$ -trifluoro-p-tolyloxy)-2-nitrobenzoyl]-DL-lactate  
 Other PPG 844  
 Trade Cobra

**lambda-cyhalothrin** **91465-08-6**

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>23</sub>H<sub>19</sub>ClF<sub>3</sub>NO<sub>3</sub>  
 LMS Code: A39  
 Tolerances: 180.438, 185.1310  
Alternate Names:

9CI cyano(3-phenoxyphenyl)methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropane=carboxylate, (1A(S\*),3A(Z))- ( $\pm$ )-  
 ISO lambda-cyhalothrin  
 IUPAC cyano-3-phenoxybenzyl (Z)-(1R,3R)- and (Z)-(1S,3S)-3-(2-chloro-3,3,3-trifluoropropenyl)-2-2-dimethyl=cyclopropanecarboxylate, (S)- $\alpha$ - and (R)- $\alpha$ , 1:1  
 Other cyhalothrin, lambda-lambda-cyhalothrin  
 PP 321  
 Trade Icon  
 Karate

**lead arsenate** **7784-40-9**

Use: insecticide  
 Category: parent  
 Mol. Form.: AsHO<sub>4</sub>Pb  
 LMS Code: 048  
 Tolerances: revoked  
Alternate Names:  
 9CI arsenic acid (H<sub>3</sub>AsO<sub>4</sub>) lead(2+) salt (2:3)  
 lead arsenate (1:1)  
 Other acid lead arsenate  
 dilead orthoarsenate  
 lead arsenate

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**lenacil** **2164-08-1**

Use: herbicide  
 Category: parent  
 Mol. Form.: C13H18N2O2  
 LMS Code: 859  
 Tolerances: foreign use  
Alternate Names:  
 9CI 3-cyclohexyl-6,7-dihydro-1H-cyclo=  
           pentapyrimidine-2,4(3H,5H)-dione  
 ANSI lenacil  
 ISO lenacil  
 IUPAC 3-cyclohexyl-1,5,6,7-tetrahydrocyclo=  
           pentapyrimidine-2,4(3H)-dione  
 Trade Venzar

**leptophos** **21609-90-5**

Use: insecticide  
 Category: parent  
 Mol. Form.: C13H10BrCl2O2PS  
 LMS Code: 199  
 Tolerances: revoked  
Alternate Names:  
 9CI O-(4-bromo-2,5-dichlorophenyl) O-methyl  
           phenylphosphonothioate  
 ANSI leptophos  
 ISO leptophos  
 IUPAC O-4-bromo-2,5-dichlorophenyl O-methyl  
           phenylphosphonothioate  
 Other lepton  
 Trade Phosvel

**lindane** **58-89-9**

Use: insecticide  
 Category: parent  
 Mol. Form.: C6H6Cl6  
 LMS Code: 050  
 Tolerances: 180,133, foreign use  
Alternate Names:  
 9CI 1,2,3,4,5,6-hexachlorocyclohexane, (1A, 2  
           A, 3 B, 4 A, 5 A,6 B)-  
           hexachlorocyclohexane,  
           1 $\alpha$ ,2 $\alpha$ ,3 $\beta$ ,4 $\alpha$ ,5 $\alpha$ ,6 $\beta$ -  
 ISO lindane  
 IUPAC  $\gamma$ -1,2,3,4,5,6-hexachlorocyclohexane  
           hexachlorocyclohexane,  
           1 $\alpha$ ,2 $\alpha$ ,3 $\beta$ ,4 $\alpha$ ,5 $\alpha$ ,6 $\beta$ -  
 Other benzene hexachloride, gamma  
           BHC, gamma  
           HCH, gamma  
           hexachlorocyclohexane, gamma  
 Trade Gammexane

**linuron** **330-55-2**

Use: herbicide  
 Category: parent  
 Mol. Form.: C9H10Cl2N2O2  
 LMS Code: 129  
 Tolerances: 180,184, foreign use  
Alternate Names:  
 9CI N'-(3,4-dichlorophenyl)-N-methoxy-N-  
           methylurea  
 ANSI linuron  
 ISO linuron  
 IUPAC 3-(3,4-dichlorophenyl)-1-methoxy-1-  
           methylurea  
 Trade Afalon  
           Lorox

**lufenuron** **103055-07-8**

Use: insecticide  
 Category: parent  
 Mol. Form.: C17H8Cl2F8N2O3  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI N-(((2,5-dichloro-4-(1,1,2,3,3,3-  
           hexafluoropropoxy)phenyl)amino)=  
           carbonyl)-(2,6-difluorobenzamide  
 ISO lufenuron  
 IUPAC 1-[2,5-dichloro-4-(1,1,2,3,3,3-  
           hexafluoropropoxy)phenyl]-3-(2,6-  
           difluorobenzoyl)urea, (RS)-  
 Other CGA-184699

**lythidathion** **2669-32-1**

Use:  
 Category: parent  
 Mol. Form.: C7H13N2O4PS3  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI S-[[5-ethoxy-2-oxo-1,3,4-thiadiazol-3(2H)-  
           yl)methyl] O,O-dimethyl  
           phosphorodithioate  
 ISO lythidathion  
 IUPAC 3-dimethoxyphosphinothioylthiomethyl-5-  
           ethoxy-1,3,4-thiadiazol-2(3H)-one  
           S-5-ethoxy-2,3-dihydro-2-oxo-1,3,4-  
           thiadiazol-3-ylmethyl O,O-dimethyl  
           phosphorodithioate

## M

**magnesium arsenate** **10103-50-1**

Use: insecticide  
 Category: parent  
 Mol. Form.: As2Mg3O8  
 LMS Code: 051  
 Tolerances: revoked  
Alternate Names:  
 9CI magnesium arsenate

**magnesium phosphide** **12057-74-8**

Use: fumigant  
 Category: parent  
 Mol. Form.: Mg3P2  
 LMS Code:  
 Tolerances: removed  
Alternate Names:  
 9CI magnesium phosphide  
 Trade Magtoxin

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### malathion 121-75-5

Use: insecticide, acaricide  
 Category: parent  
 Mol. Form.: C10H19O6PS2  
 LMS Code: 052  
 Tolerances: 180.111, 185.3850, 185.7000,  
 186.3850, foreign use

Alternate Names:

9CI diethyl ((dimethoxyphosphinothioyl)thio)=  
 butanedioate  
 ISO malathion  
 IUPAC diethyl (dimethoxythiophosphorylthio)=  
 succinate  
 S-1,2-bis(ethoxycarbonyl)ethyl O,O-  
 dimethyl phosphorodithioate  
 Other maldison  
 mercaptothion  
 Trade Chemathion  
 Cythion  
 Malaspray

### maleic hydrazide 123-33-1

Use: herbicide/plant growth regulator  
 Category: parent  
 Mol. Form.: C4H4N2O2  
 LMS Code: 109  
 Tolerances: 180.175, 185.3900, foreign use

Alternate Names:

9CI 1,2-dihydro-3,6-pyridazinedione  
 ISO maleic hydrazide  
 IUPAC 1,2-dihydropyridazine-3,6-dione  
 6-hydroxy-2H-pyridazin-3-one  
 Trade MH-30  
 Retard

### mancozeb 8018-01-7

Use: fungicide  
 Category: parent  
 Mol. Form.: C8H12MnN4S8Zn  
 LMS Code: 128  
 Tolerances: 180.176, 185.6300, 186.6300, foreign  
 use

Alternate Names:

9CI ((1,2-ethanediylobis(carbamodithioato))(2-  
 ))manganese mixture with ((1,2-  
 ethandiylobis(carbamodithioato))(2-  
 ))zinc  
 ISO mancozeb  
 IUPAC manganese ethylenebis(dithiocarbamate)  
 (polymeric) complex with zinc salt  
 Other coordination product of zinc ion and  
 maneb  
 maneb, zinc coordination product  
 manganese zinc  
 ethylenebisdithiocarbamate  
 zinc ion and manganous ethylene  
 bisdithiocarbamate coordination product  
 zinc ion-maneb  
 Trade Dithane M-45  
 Manzate 200

### maneb 12427-38-2

Use: fungicide  
 Category: parent  
 Mol. Form.: (C4H6MnN2S4)x  
 LMS Code: 053  
 Tolerances: 180.110, foreign use

Alternate Names:

9CI ((1,2-ethanediylobis(carbamodithioato))(2-  
 ))manganese  
 ISO maneb  
 IUPAC manganese ethylenebis(dithiocarbamate)  
 (polymeric)  
 Other manganous ethylenebisdithiocarbamate  
 Trade Dithane M-22  
 Manzate

### manganese dimethyldithio- carbamate 15339-36-3

Use: fungicide  
 Category: parent  
 Mol. Form.: C6H12MnN2S4  
 LMS Code: 094  
 Tolerances: revoked

Alternate Names:

9CI bis(dimethylcarbamodithioato-  
 S,S')manganese  
 Other manam  
 manganese dimethyldithiocarbamate  
 manganous dimethyldithiocarbamate

### mazidox 7219-78-5

Use: insecticide  
 Category: parent  
 Mol. Form.: C4H12N5OP  
 LMS Code:  
 Tolerances:

Alternate Names:

9CI tetramethylphosphorodiamidic azide  
 ISO mazidox  
 IUPAC azido-bis(dimethylamino)phosphine oxide  
 tetramethylazidophosphonic diamide  
 tetramethylphosphorodiamidic azide

### MCPA 94-74-6

Use: herbicide/fungicide  
 Category: parent  
 Mol. Form.: C9H9ClO3  
 LMS Code: 318  
 Tolerances: 180.339, foreign use

Alternate Names:

9CI (4-chloro-2-methylphenoxy)acetic acid  
 ISO MCPA  
 IUPAC (4-chloro-2-methylphenoxy)acetic acid  
 4-chloro-o-tolyloxyacetic acid  
 Other (4-chloro-o-tolyloxy)acetic acid  
 (4-chloro-o-tolyloxy)acetic acid  
 2,4-MCPA  
 2-methyl-4-chlorophenoxyacetic acid  
 2-methyl-4-chlorophenoxyacetic acid  
 4-chloro-o-cresoxyacetic acid  
 MCP  
 methyl chlorophenoxy acetic acid  
 Trade Agroxone  
 Bordermaster  
 MCP  
 Mephanac  
 Metaxon  
 Metaxon  
 Methoxone

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<p><b>MCPB</b> <span style="float: right;"><b>94-81-5</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C<sub>11</sub>H<sub>13</sub>ClO<sub>3</sub>            LMS Code: 620            Tolerances: 180.318, foreign use  <u>Alternate Names:</u>            9CI 4-(4-chloro-2-methylphenoxy)butanoate            ISO MCPB            IUPAC 4-(4-chloro-o-tolyloxy)butyric acid            Other 2,4-MCPB                  4-(2-methyl-4-chlorophenoxy) butyric acid            Trade Can-trol                  Thistrol                  Tropotox</p>	<p><b>mefenpyr-diethyl</b> <span style="float: right;"><b>135590-91-9</b></span></p> <p>Use: herbicide safener            Category: parent            Mol. Form.: C<sub>16</sub>H<sub>18</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>4</sub>            LMS Code:            Tolerances: 180.509  <u>Alternate Names:</u>            9CI diethyl 1-(2,4-dichlorophenyl)-4,5-dihydro-5-methyl-1H-pyrazole-3,5-dicarboxylate            ISO mefenpyr-diethyl            Trade HOE 107892</p>
<p><b>mecarbam</b> <span style="float: right;"><b>2595-54-2</b></span></p> <p>Use: insecticide, acaricide            Category: parent            Mol. Form.: C<sub>10</sub>H<sub>20</sub>NO<sub>5</sub>PS<sub>2</sub>            LMS Code: 662            Tolerances: foreign use  <u>Alternate Names:</u>            9CI ethyl (((diethoxyphosphinothioyl)thio)=acetyl)methylcarbamate            ISO mecarbam            IUPAC ethyl (diethoxyphosphinothioylthio)=acetyl(methyl)carbamate                  ethyl N-(diethoxythiophosphorylthio)=acetyl-N-methylcarbamate                  S-(N-ethoxycarbonyl-N-methyl=carbamoylemethyl) O,O-diethyl phosphorodithioate            Trade Afos                  Murfotox                  Pestan</p>	<p><b>mefluidide</b> <span style="float: right;"><b>53780-34-0</b></span></p> <p>Use: herbicide/plant growth regulator            Category: parent            Mol. Form.: C<sub>11</sub>H<sub>13</sub>F<sub>3</sub>N<sub>2</sub>O<sub>3</sub>S            LMS Code: 747            Tolerances: revoked  <u>Alternate Names:</u>            9CI N-(2,4-dimethyl-5-(((trifluoromethyl)=sulfonyl)amino)phenyl)acetamide            ANSI mefluidide            ISO mefluidide            IUPAC 5'-(1,1,1-trifluoromethanesulfonamido)acet-2',4'-xylidide            Other 5'-acetamido-2',4'-dimethyltrifluoro=methanesulfonanilide                  2',4'-dimethyl-5'-(((trifluoromethyl)=sulfonamido)acetanilide                  methafluoridamid            Trade Embark                  MBR 12325                  Vistar</p>
<p><b>mecoprop</b> <span style="float: right;"><b>7085-19-0</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C<sub>10</sub>H<sub>11</sub>ClO<sub>3</sub>            LMS Code: A42            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2-(4-chloro-2-methylphenoxy)propanoic acid, (±)            ISO mecoprop            IUPAC 2-(4-chloro-o-tolyloxy)propionic acid, (RS)-            Other MCPP            Trade Iso-Cornox                  Kilprop                  Mepro</p>	<p><b>MEMC</b> <span style="float: right;"><b>123-88-6</b></span></p> <p>Use: fungicide            Category: parent            Mol. Form.: C<sub>3</sub>H<sub>7</sub>ClHgO            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI chloro(2-methoxyethyl)mercury            IUPAC 2-methoxyethylmercury chloride            Other MEMC</p>
<p><b>mefenacet</b> <span style="float: right;"><b>73250-68-7</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C<sub>16</sub>H<sub>14</sub>N<sub>2</sub>O<sub>2</sub>S            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2-(2-benzothiazolyloxy)-N-methyl-N-phenylacetamide            ISO mefenacet            IUPAC 2-(1,3-benzothiazol-2-yloxy)-N-methylacetanilide                  2-benzothiazol-2-yloxy-N-methylacetanilide            Trade Hinochloa                  Rancho</p>	<p><b>mepanipyrim</b> <span style="float: right;"><b>110235-47-7</b></span></p> <p>Use: fungicide            Category: parent            Mol. Form.: C<sub>14</sub>H<sub>13</sub>N<sub>3</sub>            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 4-methyl-N-phenyl-6-(1-propynyl)-2-pyrimidinamine            ISO mepanipyrim            IUPAC N-(4-methyl-6-prop-1-ynylpyrimidin-2-yl)aniline            Other KIF-3535            Trade Frupica</p>

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<p><b>mephosfolan</b> <span style="float: right;"><b>950-10-7</b></span>            Use: insecticide            Category: parent            Mol. Form.: C8H16NO3PS2            LMS Code: 242            Tolerances: foreign use  <u>Alternate Names:</u>            9CI diethyl (4-methyl-1,3-dithiolan-2-ylidene)phosphoramidate            ISO mephosfolan            IUPAC 2-(diethoxyphosphinylimino)-4-methyl-1,3-dithiolane            diethyl 4-methyl-1,3-dithiolan-2-ylidene phosphoramidate            Trade Cytrolane</p>	<p><b>mesosulfuron-methyl (prop)</b> <span style="float: right;"><b>208465-21-8</b></span>            Use: herbicide            Category: parent            Mol. Form.: C17H21N5O9S            LMS Code:            Tolerances: pending  <u>Alternate Names:</u>            9CI methyl 2[[[(4,6-dimethoxy-2-pyrimidinyl)amino]carbonyl]amino]sulfonyl]-4-[[methylsulfonyl]amino]methyl]=benzoate            ISO mesosulfuron-methyl (prop)            IUPAC 2-[[[(4,6-dimethoxy-pyrimidin-2-ylcarbonyl)sulfamoyl]-<math>\alpha</math>-(methanesulfonamido)]-p-toluate</p>
<p><b>mepiquat chloride</b> <span style="float: right;"><b>24307-26-4</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: C7H16N•Cl            LMS Code:            Tolerances: 180.384, foreign use  <u>Alternate Names:</u>            9CI 1,1-dimethylpiperidinium chloride            ISO mepiquat chloride            IUPAC 1,1-dimethylpiperidinium chloride            Other N,N-dimethylpiperidinium chloride            Trade Pix</p>	<p><b>mesotrione</b> <span style="float: right;"><b>104206-82-8</b></span>            Use: herbicide            Category: parent            Mol. Form.: C14H13NO7S            LMS Code:            Tolerances: 180.571  <u>Alternate Names:</u>            9CI 2-(4-(methylsulfonyl)-2-nitrobenzoyl)-1,3-cyclohexanedione            ISO mesotrione            IUPAC 2-(4-mesy-2-nitrobenzoyl)cyclohexane-1,3-dione            Other ZA-1296            ZA1296</p>
<p><b>mepronil</b> <span style="float: right;"><b>55814-41-0</b></span>            Use: fungicide            Category: parent            Mol. Form.: C12H19NO2            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2-methyl-N-(3-(1-methylethoxy)phenyl)=benzamide            ISO mepronil            IUPAC 3'-isopropoxy-o-toluanilide            Trade Basitac</p>	<p><b>metalaxyl</b> <span style="float: right;"><b>57837-19-1</b></span>            Use: fungicide            Category: parent            Mol. Form.: C15H21NO4            LMS Code: 607            Tolerances: 180.408, 185.4000, foreign use  <u>Alternate Names:</u>            9CI methyl N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-DL-alanine            ANSI metalaxyl            ISO metalaxyl            IUPAC methyl N-methoxyacetyl-N-2,6-xylyl-DL-alaninate            Other 2-((2,6-dimethylphenyl)-methoxyacetyl=amino)-propionic acid methyl ester, (R,S)-            Trade CGA-48988            Ridomil            Subdue</p>
<p><b>mercaptobenzothiazole</b> <span style="float: right;"><b>149-30-4</b></span>            Use: fungicide            Category: parent            Mol. Form.: C7H5NS2            LMS Code: 095            Tolerances: revoked  <u>Alternate Names:</u>            9CI 2(3H)-benzothiazolethione            Other MBT            mercaptobenzothiazole</p>	<p><b>metalaxyl-M</b> <span style="float: right;"><b>70630-17-0</b></span>            Use: fungicide            Category: parent            Mol. Form.: C15H21NO4            LMS Code:            Tolerances: 180.546, pending  <u>Alternate Names:</u>            9CI methyl N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-D-alaninate            ISO metalaxyl-M            IUPAC methyl N-methoxyacetyl-N-2,6-xylyl-D-alaninate            Other 2-((2,6-dimethylphenyl)-methoxyacetyl=amino)-propionic acid methyl ester, (R)-            mefenoxam            metalaxyl, (R)-            Trade CGA 329351            CGA-329351</p>
<p><b>merphos</b> <span style="float: right;"><b>150-50-5</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: C12H27PS3            LMS Code: 121            Tolerances: revoked, revoked, foreign use  <u>Alternate Names:</u>            9CI tributyl phosphorotrithioite            IUPAC S,S,S-tributyl phosphorotrithioite            Other butifos            merphos            tributyl phosphorotrithioite            Trade DEF 6            Folex</p>	



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**metaldehyde** **108-62-3**

Use: molluscicide  
 Category: parent  
 Mol. Form.: C<sub>8</sub>H<sub>16</sub>O<sub>4</sub>  
 LMS Code: B07  
 Tolerances: 180.523, foreign use  
Alternate Names:  
 9CI 2,4,6,8-tetramethyl-1,3,5,7-tetroxocane  
 ISO metaldehyde  
 IUPAC 2,4,6,8-tetramethyl-1,3,5,7-tetraoxacyclo-  
           octane  
           r-2,c-4,c-6,c-8-tetramethyl-1,3,5,7-  
           tetroxocane  
 Other metacetaldehyde  
 Trade Antimilace  
       Metason  
       Namekil

**metam-sodium** **137-42-8**

Use: fumigant  
 Category: parent  
 Mol. Form.: C<sub>2</sub>H<sub>4</sub>NNaS<sub>2</sub>  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI sodium methylcarbamodithioate  
 ISO metam-sodium  
 Other carbathion  
       metham-sodium  
       SMDC  
 Trade Vapam

**metamitron** **41394-05-2**

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>10</sub>H<sub>10</sub>N<sub>4</sub>O  
 LMS Code: 845  
 Tolerances: foreign use  
Alternate Names:  
 9CI 4-amino-3-methyl-6-phenyl-1,2,4-triazin-  
           5(4H)-one  
 ISO metamitron  
 IUPAC 4-amino-3-methyl-6-phenyl-1,2,4-triazin-  
           5(4H)-one  
           4-amino-4,5-dihydro-3-methyl-6-phenyl-  
           1,2,4-triazin-5-one  
 Other DRW 1139  
 Trade Goltix

**metasystox thiol** **919-86-8**

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>6</sub>H<sub>15</sub>O<sub>3</sub>PS<sub>2</sub>  
 LMS Code: 654  
 Tolerances: foreign use  
Alternate Names:  
 9CI S-(2-(ethylthio)ethyl) O,O-dimethyl  
           phosphorothioate  
 ISO demeton-S-methyl  
 IUPAC S-2-ethylthioethyl O,O-dimethyl  
           phosphorothioate  
 Other Metasystox (I)  
       metasystox thiol

**metasystox thiono** **867-27-6**

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>6</sub>H<sub>15</sub>O<sub>3</sub>PS<sub>2</sub>  
 LMS Code: 715  
 Tolerances:  
Alternate Names:  
 9CI O-(2-(ethylthio)ethyl) O,O-dimethyl  
           phosphorothioate  
 ISO demeton-O-methyl  
 IUPAC O-2-ethylthioethyl O,O-dimethyl  
           phosphorothioate  
 Other metasystox thiono

**metazachlor** **67129-08-2**

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>14</sub>H<sub>16</sub>CIN<sub>3</sub>O  
 LMS Code: 863  
 Tolerances: foreign use  
Alternate Names:  
 9CI 2-chloro-N-(2,6-dimethylphenyl)-N-(1H-  
           pyrazol-1-ylmethyl)acetamide  
 ISO metazachlor  
 IUPAC 2-chloro-N-(pyrazol-1-ylmethyl)acet-2',6'-  
           xylylide  
 Trade Butisan S

**metconazole** **125116-23-6**

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>17</sub>H<sub>22</sub>CIN<sub>3</sub>O  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 5-((4-chlorophenyl)methyl)-2,2-dimethyl-1-  
           (1H-1,2,4-triazol-1-ylmethyl)=  
           cyclopentanol  
 ISO metconazole  
 IUPAC 5-(4-chlorobenzyl)-2,2-dimethyl-1-(1H-  
           1,2,4-triazol-1-ylmethyl)cyclo=  
           pentanol, (1RS,5RS;1RS,5SR)-  
 Other KNF-S-474

**methabenzthiazuron** **18691-97-9**

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>10</sub>H<sub>11</sub>N<sub>3</sub>O<sub>2</sub>S  
 LMS Code: 888  
 Tolerances: foreign use  
Alternate Names:  
 9CI N-2-benzothiazolyl-N,N'-dimethylurea  
 ISO methabenzthiazuron  
 IUPAC 1-(1,3-benzothiazol-2-yl)-1,3-dimethylurea  
           1-benzothiazol-2-yl-1,3-dimethylurea  
 Other methibenzuron  
 Trade Tribunil

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<p><b>methacrifos</b> <span style="float: right;"><b>30864-28-9</b></span>            Use: insecticide, acaricide            Category: parent            Mol. Form.: C7H13O5PS            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI methyl 3-((dimethoxyphosphinothioyl)oxy)-2-methyl-2-propenoate            ISO methacrifos            IUPAC methyl (E)-3-(dimethoxyphosphinothioyl)oxy-2-methylacrylate            O-2-methoxycarbonylprop-1-enyl O,O-dimethyl phosphorothioate, (E)-            Other damfine</p>	<p><b>methazole</b> <span style="float: right;"><b>20354-26-1</b></span>            Use: herbicide            Category: parent            Mol. Form.: C9H6Cl2N2O3            LMS Code: 724            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI 2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione            ANSI methazole            IUPAC 2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione            Other oxydiazol            Trade Bioxone            Probe            Tunic</p>
<p><b>methamidophos</b> <span style="float: right;"><b>10265-92-6</b></span>            Use: insecticide            Category: parent            Mol. Form.: C2H8NO2PS            LMS Code: 170            Tolerances: 180.315, 180.108, foreign use  <u>Alternate Names:</u>            9CI O,S-dimethyl phosphoramidothioate            ANSI methamidophos            ISO methamidophos            IUPAC O,S-dimethyl phosphoramidothioate            Other acephate metabolite            Trade Monitor            Tamaron</p>	<p><b>methfuroxam</b> <span style="float: right;"><b>28730-17-8</b></span>            Use: fungicide            Category: parent            Mol. Form.: C14H15NO2            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2,4,5-trimethyl-N-phenyl-3-furancarboxamide            ANSI methfuroxam            ISO methfuroxam            IUPAC 2,4,5-trimethyl-3-furanilide            Trade Trivax</p>
<p><b>methanearsonic acid</b> <span style="float: right;"><b>124-58-3</b></span>            Use: herbicide            Category: parent            Mol. Form.: CH5AsO3            LMS Code:            Tolerances: 180.289, foreign use  <u>Alternate Names:</u>            9CI methylarsonic acid            Other methanearsonic acid</p>	<p><b>methidathion</b> <span style="float: right;"><b>950-37-8</b></span>            Use: insecticide            Category: parent            Mol. Form.: C6H11N2O4PS3            LMS Code: 197            Tolerances: 180.298, foreign use  <u>Alternate Names:</u>            9CI S-((5-methoxy-2-oxo-1,3,4-thiadiazol-3(2H-yl)methyl) O,O-dimethyl phosphorodithioate            ANSI methidathion            ISO methidathion            IUPAC 3-dimethoxyphosphinothioylthiomethyl-5-methoxy-1,3,4-thiadiazol-2(3H)-one            S-2,3-dihydro-5-methoxy-2-oxo-1,3,4-thiadiazol-3-ylmethyl O,O-dimethyl phosphorodithioate            Trade Supracide            Ultracide</p>
<p><b>methasulfocarb</b> <span style="float: right;"><b>66952-49-6</b></span>            Use: fungicide, growth regulator            Category: parent            Mol. Form.: C9H11NO4S2            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI S-[4-[(methylsulfonyl)oxy]phenyl] methylcarbamoithioate            ISO methasulfocarb            IUPAC S-4-methylsulfonyloxyphenyl methylthiocarbamate            Trade Kayabest</p>	<p><b>methiocarb</b> <span style="float: right;"><b>2032-65-7</b></span>            Use: insecticide, acaricide            Category: parent            Mol. Form.: C11H15NO2S            LMS Code: 195            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI 3,5-dimethyl-4-(methylthio)phenyl methylcarbamate            ISO mercaptodimethur            methiocarb            IUPAC 4-methylthio-3,5-xylyl methylcarbamate            Other BAY 9026            methiocarb            metmercaptopuron            Trade Bay 37344            Mesurol</p>

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### methocrotophos 25601-84-7

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>8</sub>H<sub>16</sub>NO<sub>6</sub>P  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 3-(methoxymethylamino)-1-methyl-3-oxo-1-propenyl dimethyl phosphate, (E)-  
 ISO methocrotophos  
 IUPAC 2-(N-methoxy-N-methylcarbamoyl)-1-methylvinyl dimethyl phosphate, (E)-3-dimethoxyphosphinoyloxy-N-methoxy-N-methylisocrotonamide

### methomyl 16752-77-5

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>5</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>S  
 LMS Code: 159  
 Tolerances: 180.253, 185.4100, foreign use  
Alternate Names:  
 9CI methyl N-((methylamino)carbonyloxy)=ethanimidothioate  
 ANSI methomyl  
 ISO methomyl  
 IUPAC S-methyl N-(methylcarbamoyloxy)=thioacetimidate  
 Other thiodicarb metabolite  
 Trade Lannate  
 Nudrin

### methoprene 40596-69-8

Use: insect growth regulator  
 Category: parent  
 Mol. Form.: C<sub>19</sub>H<sub>34</sub>O<sub>3</sub>  
 LMS Code:  
 Tolerances: removed, exempt, 185.4150, 186.4150  
Alternate Names:  
 9CI 1-methylethyl 11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate, (E,E)-  
 ANSI methoprene  
 ISO methoprene  
 IUPAC isopropyl (E,E)-(RS)-11-methoxy-3,7,11-trimethyldodeca-2,4-dienoate  
 Trade Altosid

### methoprotryne 841-06-5

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>11</sub>H<sub>21</sub>N<sub>5</sub>O<sub>5</sub>  
 LMS Code: 889  
 Tolerances: foreign use  
Alternate Names:  
 9CI N-(3-methoxypropyl)-N'-(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine  
 ISO methoprotryne  
 IUPAC N2-isopropyl-N4-(3-methoxypropyl)-6-methylthio-1,3,5-triazine-2,4-diamine  
 Other methoprotryn  
 Trade Gesaran

### methoxychlor

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>16</sub>H<sub>15</sub>Cl<sub>3</sub>O<sub>2</sub>  
 LMS Code: 055  
 Tolerances: 180.120  
Alternate Names:  
 9CI 1,1'-(2,2,2-trichloroethylidene)bis(4-methoxybenzene)  
 ISO methoxychlor  
 IUPAC 1,1,1-trichloro-2,2-bis(4-methoxyphenyl)ethane  
 Other 2,2-bis(p-methoxyphenyl)-1,1,1-trichloroethane  
 Trade Chemform  
 Marlate

### methoxychlor olefin 2132-70-9

Use:  
 Category: metabolite  
 Mol. Form.: C<sub>16</sub>H<sub>14</sub>Cl<sub>2</sub>O<sub>2</sub>  
 LMS Code: 276  
 Tolerances: 180.120  
Alternate Names:  
 9CI 1,1'-(dichloroethenylidene)bis(4-methoxybenzene)  
 Other methoxychlor olefin

### methoxyfenozide 161050-58-4

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>22</sub>H<sub>28</sub>N<sub>2</sub>O<sub>3</sub>  
 LMS Code:  
 Tolerances: 180.544, temporary  
Alternate Names:  
 9CI 3-methoxy-2-methylbenzoic acid 2-(3,5-dimethylbenzoyl)-2-(1,1-dimethylethyl)hydrazide  
 ANSI methoxyfenozide  
 ISO methoxyfenozide  
 IUPAC N-tert-butyl-N'-(3-methoxy-o-toluoyl)-3,5-xylohydrazide  
 Other 3-methoxy-2-methyl-2-(3,5-dimethylbenzoyl)-2-(1,1-dimethylethyl)=hydrazide benzoic acid  
 RH-2485  
 Trade Intrepid

### methyl bromide 74-83-9

Use: fumigant  
 Category: parent  
 Mol. Form.: CH<sub>3</sub>Br  
 LMS Code: 056  
 Tolerances: 180.521, 180.522, foreign use  
Alternate Names:  
 9CI bromomethane  
 ISO methyl bromide  
 IUPAC bromomethane  
 methyl bromide  
 Trade Dowfume

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<p><b>methyl formate</b> <span style="float: right;"><b>107-31-3</b></span>            Use: fumigant            Category: parent            Mol. Form.: C<sub>2</sub>H<sub>4</sub>O<sub>2</sub>            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI methyl formate            Other formic acid, methyl ester                      methyl methanoate</p>	<p><b>metobenzuron</b> <span style="float: right;"><b>111578-32-6</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>22</sub>H<sub>28</sub>N<sub>2</sub>O<sub>5</sub>            LMS Code:            Tolerances: temporary  <u>Alternate Names:</u>            9CI N'-(4-((3,4-dihydro-2-methoxy-2,4,4-trimethyl-2H-1-benzopyran-7-yl)oxy)phenyl)-N-methoxy-N-methylurea, (±)-            ISO metobenzuron            IUPAC 1-methoxy-3-[4-(2-methoxy-2,4,4-trimethylchroman-7-yloxy)phenyl]-1-methylurea, (RS)-            Other PAL 6000                      UMP-488</p>
<p><b>methyl isothiocyanate</b> <span style="float: right;"><b>556-61-6</b></span>            Use: nematocide            Category: parent            Mol. Form.: C<sub>2</sub>H<sub>3</sub>NS            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI isothiocyanatomethane            ISO methyl isothiocyanate            IUPAC methyl isothiocyanate            Other MITC            Trade Trapex</p>	<p><b>metobromuron</b> <span style="float: right;"><b>3060-89-7</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>9</sub>H<sub>11</sub>BrN<sub>2</sub>O<sub>2</sub>            LMS Code: 702            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI N'-(4-bromophenyl)-N-methoxy-N-methylurea            ANSI metobromuron            ISO metobromuron            IUPAC 3-(4-bromophenyl)-1-methoxy-1-methylurea            Trade Patoran</p>
<p><b>methylidymron</b> <span style="float: right;"><b>42609-73-4</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>17</sub>H<sub>20</sub>N<sub>2</sub>O            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI N-methyl-N'-(1-methyl-1-phenylethyl)-N-phenylurea            IUPAC 1-methyl-3-(1-methyl-1-phenylethyl)-1-phenylurea                      3-(α,α-dimethylbenzyl)-1-methyl-1-phenylurea            Other methylidymron            Trade Stacker</p>	<p><b>metolachlor</b> <span style="float: right;"><b>51218-45-2</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>15</sub>H<sub>22</sub>ClNO<sub>2</sub>            LMS Code: 283            Tolerances: 180.368, foreign use  <u>Alternate Names:</u>            9CI 2-chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methylethyl)acetamide            ANSI metolachlor            ISO metolachlor            IUPAC 2-chloro-6'-ethyl-N-(2-methoxy-1-methylethyl)acet-o-toluidide, (aRS,1RS)-            Trade Bicep                      Dual                      Primagram</p>
<p><b>metiram</b> <span style="float: right;"><b>9006-42-2</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>16</sub>H<sub>33</sub>N<sub>11</sub>S<sub>16</sub>Zn<sub>3</sub>            LMS Code: 543            Tolerances: 180.217, foreign use  <u>Alternate Names:</u>            9CI metiram            IUPAC zinc ammoniate                      ethylenebis(dithiocarbamate)-                      poly(ethylenethiuram disulfide)            Other ammoniated EBDCs                      ammoniates of (ethylenebis(dithio=carbamato)) zinc and                      ethylenebis(dithiocarbamic acid)            Trade Polyram</p>	<p><b>metolcarb</b> <span style="float: right;"><b>1129-41-5</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>9</sub>H<sub>11</sub>NO<sub>2</sub>            LMS Code: 860            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 3-methylphenyl methylcarbamate            ISO metolcarb            IUPAC tolyl methylcarbamate, m-            Other MTMC            Trade Tsumacide</p>

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**metominostrobin** **133408-50-1**

Use: fungicide  
 Category: parent  
 Mol. Form.: C16H16N2O3  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI (methoxyimino)-N-methyl-2-  
           phenoxybenzeneacetamide, (E)- $\alpha$ -  
 ISO metominostrobin  
 IUPAC 2-methoxyimino-N-methyl-2-(2-  
           phenoxyphenyl)acetamide, (E)-  
 Other SSF-126

**metosulam** **139528-85-1**

Use: herbicide  
 Category: parent  
 Mol. Form.: C14H13Cl2N5O4S  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI N-(2,6-dichloro-3-methylphenyl)-5,7-  
           dimethoxy(1,2,4)triazolo(1,5-  
           a)pyrimidine-2-sulfonamide  
 ANSI metosulam  
 ISO metosulam  
 IUPAC 2',6'-dichloro-5,7-dimethoxy-3'-  
           methyl[1,2,4]triazolo[1,5-  
           a]pyrimidine-2-sulfonanilide

**metoxadiazone** **60589-06-2**

Use: insecticide  
 Category: parent  
 Mol. Form.: C10H10N2O4  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 5-methoxy-3-(2-methoxyphenyl)-1,3,4-  
           oxadiazol-2(3H)-one  
 ISO metoxadiazone  
 IUPAC 5-methoxy-3-(2-methoxyphenyl)-1,3,4-  
           oxadiazol-2(3H)-one  
 Other 32 861 RP

**metoxuron** **19937-59-8**

Use: herbicide  
 Category: parent  
 Mol. Form.: C10H13ClN2O2  
 LMS Code: 844  
 Tolerances: foreign use  
Alternate Names:  
 9CI N'-(3-chloro-4-methoxyphenyl)-N,  
           dimethylurea  
 ISO metoxuron  
 IUPAC 3-(3-chloro-4-methoxyphenyl)-1,1-  
           dimethylurea  
 Trade Deflor  
       Dosanex  
       Purivel

**metribuzin** **21087-64-9**

Use: herbicide  
 Category: parent  
 Mol. Form.: C8H14N4OS  
 LMS Code: 181  
 Tolerances: 180.332, 185.250, 186.250, foreign use  
Alternate Names:  
 9CI 4-amino-6-(1,1-dimethylethyl)-3-  
           (methylthio)-1,2,4-triazin-5-(4H)-one  
 ISO metribuzin  
 IUPAC 4-amino-6-tert-butyl-3-methylthio-1,2,4-  
           triazin-5(4H)-one  
       4-amino-6-tert-butyl-4,5-dihydro-3-  
           methylthio-1,2,4-triazin-5-one  
 Other BAY 94337  
 Trade Lexone  
       Sencor

**metribuzin, deaminated diketo =  
 metabolite** **52236-30-3**

Use:  
 Category: metabolite  
 Mol. Form.: C7H11N3O2  
 LMS Code: 187  
 Tolerances: 180.332, 185.250, 186.250  
Alternate Names:  
 9CI 6-(1,1-dimethylethyl)-1,2,4-triazine-  
           3,5(2H,4H)-dione  
 Other DADK  
       metribuzin, deaminated diketo metabolite  
       Sencor, deaminated diketo metabolite

**metribuzin, deaminated metabolite** **35045-02-4**

Use:  
 Category: metabolite  
 Mol. Form.: C8H13N3OS  
 LMS Code: 185  
 Tolerances: 180.332, 185.250, 186.250  
Alternate Names:  
 9CI 6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-  
           triazin-5(4H)-one  
 Other metribuzin, deaminated metabolite  
       Sencor, deaminated metabolite

**metribuzin, diketo metabolite** **56507-37-0**

Use:  
 Category: metabolite  
 Mol. Form.: C7H12N4O2  
 LMS Code: 186  
 Tolerances: 180.332, 185.250, 186.250  
Alternate Names:  
 9CI 4-amino-6-(1,1-dimethylethyl)-1,2,4-  
           triazine-3,5-(2H,4H)-dione  
 Other metribuzin, diketo metabolite  
       Sencor, diketo metabolite

**metsulfovax** **21452-18-6**

Use: fungicide  
 Category: parent  
 Mol. Form.: C12H12N2OS  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 2,4-dimethyl-N-phenyl-5-thiazole=  
           carboxamide  
 ANSI metsulfovax  
 ISO metsulfovax  
 IUPAC 2,4-dimethyl-1,3-thiazole-5-carboxanilide



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### **metsulfuron methyl ester** **74223-64-6**

Use: herbicide  
 Category: parent  
 Mol. Form.: C14H15N5O6S  
 LMS Code:  
 Tolerances: 180.428, foreign use  
Alternate Names:  
 9CI methyl 2-((((4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino)carbonyl)amino)=sulfonyl)benzoate  
 ANSI metsulfuron methyl ester  
 ISO metsulfuron-methyl  
 IUPAC methyl 2-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)carbamoysulfamoyl)=benzoate  
 Other DPX-T6376  
   metsulfuron methyl  
 Trade Ally  
   Escort  
   Gropper

### **mevinphos** **7786-34-7**

Use: insecticide  
 Category: parent  
 Mol. Form.: C7H13O6P  
 LMS Code: 069  
 Tolerances: 180.157, foreign use  
Alternate Names:  
 9CI methyl 3-((dimethoxyphosphinyl)oxy)-2-butenolate  
 ISO mevinphos  
 IUPAC 2-methoxycarbonyl-1-methylvinyl dimethyl phosphate  
   methyl 3-(dimethoxyphosphinoyloxy)but-2-enoate  
 Other methyl 3-hydroxycrotonoate dimethyl phosphate  
 Trade Duraphos  
   Phosdrin

### **mevinphos, (E)-** **298-01-1**

Use: insecticide  
 Category: component  
 Mol. Form.: C7H13O6P  
 LMS Code: 579  
 Tolerances: 180.157  
Alternate Names:  
 9CI methyl 3-((dimethoxyphosphinyl)oxy)-2-butenolate, (E)-  
 ISO mevinphos, (E)-  
 IUPAC 2-methoxycarbonyl-1-methylvinyl dimethyl phosphate, (E)-  
   methyl 3-(dimethoxyphosphinoyloxy)but-2-enoate, (E)-  
 Other methyl 3-[(dimethoxyphosphinyl)=oxy]butenoate, alpha isomer  
 Trade mevinphos, cis-  
   Phosdrin, cis-

### **mevinphos, (Z)-** **338-45-4**

Use: insecticide  
 Category: component  
 Mol. Form.: C7H13O6P  
 LMS Code: 578  
 Tolerances: 180.157  
Alternate Names:  
 9CI methyl 3-((dimethoxyphosphinyl)oxy)-2-butenolate, (Z)-  
 ISO mevinphos, (Z)-  
 IUPAC 2-methoxycarbonyl-1-methylvinyl dimethyl phosphate, (Z)-  
   methyl 3-(dimethoxyphosphinoyloxy)but-2-enoate, (Z)-  
 Other methyl 3-[(dimethoxyphosphinyl)=oxy]butenoate, beta isomer  
 Trade mevinphos, trans-  
   Phosdrin, trans-

### **MGK 264** **113-48-4**

Use: insecticide  
 Category: parent  
 Mol. Form.: C17H25NO2  
 LMS Code: 058  
 Tolerances: 180.367, 185.4500  
Alternate Names:  
 9CI 2-(2-ethylhexyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isoindole-1,3(2H)dione  
 IUPAC N-(2-ethylhexyl)-5-norbornene-2,3-dicarboximide  
 Other N-octyl bicycloheptene dicarboximide  
 Trade MGK 264  
   Octacide 264  
   Van Dyk 264

### **milbemectin A3** **51596-10-2**

Use: acaricide  
 Category: parent  
 Mol. Form.: C31H44O7  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 5-O-demethyl-28-deoxy-6,28-epoxy-25-methylmilbemycin B, (6R,25R)-  
 ISO milbemectin A3

### **milbemectin A4** **51596-11-3**

Use: acaricide  
 Category: parent  
 Mol. Form.: C32H46O7  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 5-O-demethyl-28-deoxy-6,28-epoxy-25-ethylmilbemycin B, (6R,25R)-  
 ISO milbemectin A4

## FDA Glossary of Pesticide Chemicals

**milneb** **3773-49-7**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>12</sub>H<sub>22</sub>N<sub>4</sub>S<sub>4</sub>  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 3,3'-(1,2-ethanediy)bis(tetrahydro-4,6-dimethyl-2H-1,3,5-thiadiazine-2-thione)  
 ANSI milneb  
 IUPAC 4,4',6,6'-tetramethyl-3,3'-ethylene-bis(tetrahydro-1H-1,3,5-thiadiazine-2-thione)  
 4,4',6,6'-tetramethyl-3,3'-ethylenedi-1,3,5-thiadiazinane-2-thione  
 Other thiadiazin  
 thiadiazine  
 Trade Banlate

**mineral oil** **8012-95-1**  
 Use: insecticide  
 Category: parent  
 Mol. Form.:  
 LMS Code: 059  
 Tolerances: 180.149  
Alternate Names:  
 9CI paraffin oil (class)  
 Other jute batching oil  
 mineral oil  
 petrolatum, liquid  
 white oil

**mirex** **2385-85-5**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>10</sub>Cl<sub>12</sub>  
 LMS Code: 352  
 Tolerances: revoked, foreign use  
Alternate Names:  
 9CI 1,1a,2,2,3,3a,4,5,5a,5b,6-dodecachlorooctahydro-1,3,4-metheno-1H-cyclobuta(cd)pentalene  
 IUPAC dodecachloropentacyclo-[5.3.0.02,6.03,9.04,8]decane perchloropentacyclo-[5.3.0.02,6.03,9.04,8]decane  
 Other dodecachlorooctahydro-1,3,4-metheno-2H-cyclobuta(cd)pentalene  
 mirex  
 Trade Dechlorane  
 GC-1283

**molinate** **2212-67-1**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>9</sub>H<sub>17</sub>NOS  
 LMS Code: 778  
 Tolerances: 180.228, foreign use  
Alternate Names:  
 9CI S-ethyl hexahydro-1H-azepine-1-carbothioate  
 ISO molinate  
 IUPAC S-ethyl azepane-1-carbothioate  
 S-ethyl perhydroazepin-1-carbothioate  
 S-ethyl perhydroazepine-1-thiocarboxylate  
 Other Molinex  
 Trade Ordram

**monocrotophos** **6923-22-4**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>7</sub>H<sub>14</sub>NO<sub>5</sub>P  
 LMS Code: 343  
 Tolerances: 180.296, 185.2250, foreign use  
Alternate Names:  
 9CI dimethyl 1-methyl-3-(methylamino)-3-oxo-1-propenyl phosphate, (E)-  
 ISO monocrotophos  
 IUPAC 3-dimethoxyphosphinoyloxy-N-methylisocrotonamide  
 dimethyl (E)-1-methyl-2-(methyl=carbamoyle)vinyl phosphate  
 Other dimethyl phosphate of 3-hydroxy-N-methyl-cis-crotonamide  
 Trade Azodrin  
 Nuvacron

**monolinuron** **1746-81-2**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>9</sub>H<sub>11</sub>ClN<sub>2</sub>O<sub>2</sub>  
 LMS Code: 682  
 Tolerances: foreign use  
Alternate Names:  
 9CI N'-(4-chlorophenyl)-N-methoxy-N-methylurea  
 ISO monolinuron  
 IUPAC 3-(4-chlorophenyl)-1-methoxy-1-methylurea  
 Trade Aresin

**monosodium arsenate** **7631-89-2**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: AsH<sub>2</sub>NaO<sub>4</sub>  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 Other arsenic acid, sodium salt  
 fatsco ant poison  
 monosodium arsenate  
 Sodium arsenate (AsH<sub>3</sub>O<sub>4</sub>.xNa)  
 sodium metaarsenate  
 sweeney's ant-go  
 Trade Terro Ant Killer

**monuron** **150-68-5**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>9</sub>H<sub>11</sub>ClN<sub>2</sub>O  
 LMS Code: 046  
 Tolerances: revoked, foreign use  
Alternate Names:  
 9CI N'-(4-chlorophenyl)-N,N-dimethylurea  
 ANSI monuron  
 ISO monuron  
 IUPAC 3-(4-chlorophenyl)-1,1-dimethylurea  
 Other chlorfenidim  
 CMU  
 Trade Monurex  
 Telvar

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**morfamquat** **7411-47-4**

Use: herbicide  
 Category: parent  
 Mol. Form.: C26H36N4O4  
 LMS Code:  
 Tolerances:

Alternate Names:

9CI 1,1'-bis[2-(3,5-dimethyl-4-morpholinyl)-2-oxoethyl]-4,4'-bipyridinium  
 ISO morfamquat  
 IUPAC 1,1'-bis(3,5-dimethylmorpholino=carbonylmethyl)-4,4'-bipyridinium  
 1,1'-bis(3,5-dimethylmorpholino=carbonylmethyl)-4,4'-bipyridyldiylium

**MSMA** **2163-80-6**

Use: herbicide  
 Category: formulation  
 Mol. Form.: CH5AsO3•Na  
 LMS Code: 326  
 Tolerances: 180.289, foreign use

Alternate Names:

9CI monosodium methylarsonate  
 IUPAC sodium hydrogen methylarsonate  
 Other monosodium acid methanearsonate  
 monosodium salt of methanearsonic acid  
 MSMA  
 Trade Ansar 170  
 Ansar 529

**myclobutanil** **88671-89-0**

Use: fungicide  
 Category: parent  
 Mol. Form.: C15H17ClN4  
 LMS Code: 679  
 Tolerances: 180.443, 185.4350, 186.4350, foreign use

Alternate Names:

9CI butyl- $\alpha$ -(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile,  $\alpha$ -  
 ANSI myclobutanil  
 ISO myclobutanil  
 IUPAC 2-(4-chlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)hexanenitrile  
 2-p-chlorophenyl-2-(1H-1,2,4-triazol-1-ylmethyl)hexanenitrile  
 Other RH-3866  
 Trade Nova  
 Rally  
 Systhane

**myclozolin** **54864-61-8**

Use: fungicide  
 Category: parent  
 Mol. Form.: C12H11Cl2NO4  
 LMS Code:  
 Tolerances:

Alternate Names:

9CI 3-(3,5-dichlorophenyl)-5-(methoxymethyl)-5-methyl-2,4-oxazolidinedione  
 ISO myclozolin  
 IUPAC 3-(3,5-dichlorophenyl)-5-methoxymethyl-5-methyl-1,3-oxazolidine-2,4-dione, (RS)-

## N

**N-(3,5-dichlorophenyl)-3-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide** **63637-89-8**

Use:  
 Category: metabolite  
 Mol. Form.: C13H13Cl2N3O3  
 LMS Code: 231  
 Tolerances: 180.399, revoked, 186.3750, foreign use  
Alternate Names:  
 9CI N-(3,5-dichlorophenyl)-3-(1-methylethyl)-2,4-dioxo-1-imidazolidine=carboxamide  
 Other iprodione metabolite isomer

**naled** **300-76-5**

Use: insecticide  
 Category: parent  
 Mol. Form.: C4H7Br2Cl2O4P  
 LMS Code: 303  
 Tolerances: 180.215, foreign use  
Alternate Names:  
 9CI 1,2-dibromo-2,2-dichloroethyl dimethyl phosphate  
 ANSI naled  
 ISO naled  
 IUPAC 1,2-dibromo-2,2-dichloroethyl dimethyl phosphate  
 Other bromchlophos  
 BRP  
 Trade Dibrom

**naphthaleneacetamide** **86-86-2**

Use: plant growth regulator  
 Category: parent  
 Mol. Form.: C12H11NO  
 LMS Code: A44  
 Tolerances: 180.309, foreign use  
Alternate Names:  
 9CI 1-naphthaleneacetamide  
 IUPAC 2-(1-naphthyl)acetamide  
 Other naphthaleneacetamide  
 naphthaleneacetamide, alpha-  
 Trade Frufix  
 Rootone

**naproanilide** **52570-16-8**

Use: herbicide  
 Category: parent  
 Mol. Form.: C19H17NO2  
 LMS Code: B08  
 Tolerances: foreign use  
Alternate Names:  
 9CI 2-(2-naphthalenyloxy)-N-phenylpropanamide  
 IUPAC N-phenyl-2-(2-naphthyloxy)propionamide  
 Other naproanilide  
 Trade Uribest

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### napropamide 15299-99-7

Use: herbicide  
 Category: parent  
 Mol. Form.: C17H20NO2  
 LMS Code: 594  
 Tolerances: 180.328, foreign use  
Alternate Names:  
 9CI N,N-diethyl-2-(1-naphthalenyloxy)=  
           propanamide  
 ISO napropamide  
 IUPAC N,N-diethyl-2-(1-naphthyloxy)=  
           propionamide, (RS)-  
 Other N,N-diethyl-2-(1-naphthalenyloxy)=  
           propionamide  
 Trade Devrinol  
       Waylay

### naptalam 132-66-1

Use: herbicide  
 Category: parent  
 Mol. Form.: C18H13NO3  
 LMS Code: B18  
 Tolerances: 180.297, foreign use  
Alternate Names:  
 9CI 2-(((1-naphthalenylamino)carbonyl)benzoic  
           acid  
 ISO naptalam  
 IUPAC N-1-naphthylphthalamic acid  
 Other N-1-naphthylphthalamic acid  
       NPA  
 Trade Alanap

### neburon 555-37-3

Use: herbicide  
 Category: parent  
 Mol. Form.: C12H16Cl2N2O  
 LMS Code: 061  
 Tolerances: foreign use  
Alternate Names:  
 9CI N-butyl-N'-(3,4-dichlorophenyl)-N-  
           methylurea  
 ANSI neburon  
 ISO neburon  
 IUPAC 1-butyl-3-(3,4-dichlorophenyl)-1-  
           methylurea  
 Other neburea  
 Trade Kloben  
       Neburex

### neodecanoic acid 26896-20-8

Use: plant growth regulator  
 Category: parent  
 Mol. Form.: C10H20O2  
 LMS Code:  
 Tolerances: revoked  
Alternate Names:  
 9CI neodecanoic acid (class)  
 Other 2,5-dimethyl-2-ethylhexanoic acid  
       neo-decanoic acid  
       neodecanoic acid  
       trialkyl (C10) acetic acid (class)

### nicosamide 50-65-7

Use: molluscicide  
 Category: parent  
 Mol. Form.: C13H8Cl2N2O4  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 5-chloro-N-(2-chloro-4-nitrophenyl)-2-  
           hydroxybenzamide  
 ISO nicosamide  
 IUPAC 2',5-dichloro-4'-nitrosalicylanilide  
 Other clonitralid  
 Trade Bayluscid

### nicosulfuron 111991-09-4

Use: herbicide  
 Category: parent  
 Mol. Form.: C15H18N6O6S  
 LMS Code:  
 Tolerances: 180.454, foreign use  
Alternate Names:  
 9CI 2-((((4,6-dimethoxy-2-pyrimidinyl)amino)=  
           carbonyl)amino)sulfonyl)-N,N-  
           dimethyl-3-pyridinecarboxamide  
 ANSI nicosulfuron  
 ISO nicosulfuron  
 IUPAC 1-(4,6-dimethoxypyrimidin-2-yl)-3-(3-  
           dimethylcarbamoyl-2-pyridyl)=  
           sulfonyl)urea  
       2-(4,6-dimethoxypyrimidin-2-ylcarbamoyl=  
           sulfamoyl)-N,N-dimethylnicotin=  
           amide  
 Other DPX-V9360  
       HU-195  
       SL-950  
 Trade Accent

### nicotine 54-11-5

Use: insecticide  
 Category: parent  
 Mol. Form.: C10H14N2  
 LMS Code: 062  
 Tolerances: 180.167, foreign use  
Alternate Names:  
 9CI 3-(1-methyl-2-pyrrolidinyl)pyridine, (S)-  
 ISO nicotine  
 IUPAC 3-(1-methylpyrrolidin-2-yl)pyridine, (S)-  
 Trade Black Leaf 40

### nicotine sulfate 65-30-5

Use:  
 Category:  
 Mol. Form.: C20H26N4.O4S  
 LMS Code:  
 Tolerances: 180.167  
Alternate Names:  
 Other 1,3-(1-methyl-2-pyrrolidyl)pyridine sulfate  
       1-1-methyl-2-(3-pyridyl)-pyrrolidine  
           sulfate  
       1-methyl-2-(3-pyridyl)pyrrolidine sulfate  
       3-(1-methyl-2-pyrrolidinyl)-pyridine  
           sulfate, (S)-  
       3-(1-methyl-2-pyrrolidinyl)pyridine sulfate,  
           (S)- (2:1)  
       Black leaf 40 garden spray  
       nicotine sulfate

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<p><b>nipyraclofen</b> <span style="float: right;"><b>99662-11-0</b></span>            Use: herbicide            Category: parent            Mol. Form.: C10H5Cl2F3N4O2            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 1-(2,6-dichloro-4-(trifluoromethyl)phenyl)-4-nitro-1H-pyrazol-5-amine            ISO nipyraclofen            IUPAC 1-(2,6-dichloro-<math>\alpha,\alpha,\alpha</math>-trifluoro-p-tolyl)-4-nitropyrazol-5-ylamine            Other SLA 3992</p>	<p><b>nitrapyrin</b> <span style="float: right;"><b>1929-82-4</b></span>            Use: nitrification inhibitor            Category: parent            Mol. Form.: C6H3Cl4N            LMS Code: 725            Tolerances: 180.350  <u>Alternate Names:</u>            9CI 2-chloro-6-(trichloromethyl)pyridine            ANSI nitrapyrin            ISO nitrapyrin            Other N-serve</p>
<p><b>nitenpyram</b> <span style="float: right;"><b>120738-89-8</b></span>            Use: insecticide            Category: parent            Mol. Form.: C11H15ClN4O2            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI N-((6-chloro-3-pyridinyl)methyl)-N-ethyl-N'-methyl-2-nitro-1,1-ethenediamine            ISO nitenpyram            IUPAC N-(6-chloro-3-pyridylmethyl)-N-ethyl-N'-methyl-2-nitrovinylidenediamine, (E)-            Other TI-304</p>	<p><b>nitrofen</b> <span style="float: right;"><b>1836-75-5</b></span>            Use: herbicide            Category: parent            Mol. Form.: C12H7Cl2NO3            LMS Code: 158            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI 2,4-dichloro-1-(4-nitrophenoxy)benzene            ISO nitrofen            IUPAC 2,4-dichlorophenyl 4-nitrophenyl ether            Other 2,4-dichloro p-nitrophenyl ether                    niclofen                    nitrophen            Trade NIP                    TOK</p>
<p><b>nithiazine</b> <span style="float: right;"><b>58842-20-9</b></span>            Use: insecticide            Category: parent            Mol. Form.: C5H8N2O2S            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI tetrahydro-2-(nitromethylene)-2H-1,3-thiazine            ANSI nithiazine            ISO nithiazine            IUPAC 2-nitromethylene-1,3-thiazinane            Other IN-A0159                    SD35651</p>	<p><b>nitrofluorfen</b> <span style="float: right;"><b>42874-01-1</b></span>            Use: herbicide            Category: parent            Mol. Form.: C13H7ClF3NO3            LMS Code: 803            Tolerances: temporary  <u>Alternate Names:</u>            9CI 2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene            ANSI nitrofluorfen            ISO nitrofluorfen            IUPAC 2-chloro-<math>\alpha,\alpha,\alpha</math>-trifluoro-p-tolyl 4-nitrophenyl ether            Other RH-2512</p>
<p><b>nitralin</b> <span style="float: right;"><b>4726-14-1</b></span>            Use: herbicide            Category: parent            Mol. Form.: C13H19N3O6S            LMS Code: 331            Tolerances: revoked  <u>Alternate Names:</u>            9CI 4-(methylsulfonyl)-2,6-dinitro-N,N-dipropylbenzenamine            ISO nitralin            IUPAC 4-methylsulfonyl-2,6-dinitro-N,N-dipropylaniline            Other 4-(methylsulfonyl)-2,6-dinitro-N,N-dipropylaniline            Trade Planavin                    SD 11831</p>	<p><b>nitrothal-isopropyl</b> <span style="float: right;"><b>10552-74-6</b></span>            Use: fungicide            Category: parent            Mol. Form.: C14H17O6N            LMS Code: 955            Tolerances: foreign use  <u>Alternate Names:</u>            9CI bis(1-methylethyl) 5-nitro-benzene-1,3-dicarboxylate            ISO nitrothal-isopropyl            IUPAC di-isopropyl 5-nitroisophthalate            Trade Pallitop</p>
	<p><b>nonachlor, cis-</b> <span style="float: right;"><b>5103-73-1</b></span>            Use: insecticide            Category: component            Mol. Form.: C10H5Cl9            LMS Code: 207            Tolerances: revoked  <u>Alternate Names:</u>            9CI 1,2,3,4,5,6,7,8,8-nonachloro-2,3,3a,4,7,7a-hexahydro-4,7-methano-1H-indene, (1 A, 2 A, 3 A, 3a A, 4 B, 7 B, 7a A)-            Other nonachlor, cis-</p>



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**nonachlor, trans- 39765-80-5**

Use: insecticide  
 Category: component  
 Mol. Form.: C<sub>10</sub>H<sub>5</sub>Cl<sub>9</sub>  
 LMS Code: 206  
 Tolerances: revoked  
Alternate Names:  
 9CI 1,2,3,4,5,6,7,8,8-nonachloro-  
           2,3,3a,4,7,7a-hexahydro-4,7-  
           methano-1H-indene, (1 A, 2 B, 3 A,  
           3a A, 4 B, 7 B, 7a A)-  
 Other enneachlor  
       nonachlor, trans-

**norea 18530-56-8**

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>13</sub>H<sub>15</sub>N<sub>2</sub>O  
 LMS Code: 287  
 Tolerances: revoked  
Alternate Names:  
 9CI N,N-dimethyl-N'-(octahydro-4,7-methano-  
           1H-inden-5-yl)urea, (3a A, 4 A, 5 A,  
           7 A, 7a A)-  
 ANSI norea  
 ISO noruron  
 IUPAC 1,1-dimethyl-3-(perhydro-4,7-  
           methanoinden-5-yl)urea  
           3-(hexahydro-4,7-methanoindan-5-yl)-1,1-  
           dimethylurea  
 Trade Herban

**norflurazon 27314-13-2**

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>12</sub>H<sub>9</sub>ClF<sub>3</sub>N<sub>3</sub>O  
 LMS Code: 596  
 Tolerances: 180.356, foreign use  
Alternate Names:  
 9CI 4-chloro-5-(methylamino)-2-(3-  
           (trifluoromethyl)phenyl)-3(2H)-  
           pyridazinone  
 ANSI norflurazon  
 ISO norflurazon  
 IUPAC 4-chloro-5-(methylamino)-2-( $\alpha,\alpha,\alpha$ -  
           trifluoro-m-tolyl)pyridazin-3-(2H)-  
           one  
 Other 4-chloro-5-(methylamino)-2-( $\alpha,\alpha,\alpha$ -  
           trifluoro-m-tolyl)-3-(2H)-  
           pyridazinone  
       monometflurazon  
 Trade Evital  
       Solicam  
       Zorial

**novaluron 116714-46-6**

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>17</sub>H<sub>9</sub>ClF<sub>8</sub>N<sub>2</sub>O<sub>4</sub>  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI N-(((3-chloro-4-(1,1,2-trifluoro-2-(trifluoro=  
           methoxy)ethoxy)phenyl)amino)=  
           carbonyl)-2,6-difluorobenzamide  
 ISO novaluron  
 IUPAC 1-[3-chloro-4-(1,1,2-trifluoro-2-  
           trifluoromethoxyethoxy)phenyl]-3-  
           (2,6-difluorobenzoyl)urea, (RS)-  
 Other GR 572

**nuarimol 63284-71-9**

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>17</sub>H<sub>12</sub>ClFN<sub>2</sub>O  
 LMS Code: 800  
 Tolerances: foreign use  
Alternate Names:  
 9CI (2-chlorophenyl)- $\alpha$ -(4-fluorophenyl)-5-  
           pyrimidinemethanol, ( $\pm$ )- $\alpha$ -  
 ANSI nuarimol  
 ISO nuarimol  
 IUPAC 2-chloro-4'-fluoro- $\alpha$ -(pyrimidin-5-  
           yl)benzhydryl alcohol, (RS)-  
 Other 2-chloro-4'-fluoro- $\alpha$ -(5-pyrimidinyl)=  
           benzhydryl alcohol  
           2-chloro-4'-fluoro- $\alpha$ -(pyrimidin-5-  
           yl)diphenylmethanol  
 Trade Gauntlet  
       Trimidal  
       Triminol

### O

**octachlor epoxide 27304-13-8**

Use:  
 Category: metabolite  
 Mol. Form.: C<sub>10</sub>H<sub>4</sub>Cl<sub>8</sub>O  
 LMS Code: 349  
 Tolerances: revoked  
Alternate Names:  
 9CI 2,3,4,5,6,6a,7,7-octachloro-  
           1a,1b,5,5a,6,6a-hexahydro-2,5-  
           methano-2H-indeno(1,2-b)oxirene,  
           (1a A,1b,B 2 A,5 A,5a B,6 B,6a A)-  
 Other chlordan metabolite  
       octachlor epoxide  
       oxychlordan

**octhiline 26530-20-1**

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>11</sub>H<sub>19</sub>NOS  
 LMS Code: 789  
 Tolerances: revoked  
Alternate Names:  
 9CI 2-octyl-3(2H)-isothiazolone  
 ANSI octhiline  
 ISO octhiline  
 IUPAC 2-octylisothiazol-3(2H)-one  
 Trade Kathon  
       Microbicide M-8

**ofurace 58810-48-3**

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>14</sub>H<sub>16</sub>NO<sub>3</sub>Cl  
 LMS Code: A45  
 Tolerances: foreign use  
Alternate Names:  
 9CI 2-chloro-N-(2,6-dimethylphenyl)-N-  
           (tetrahydro-2-oxo-3-furanyl)=  
           acetamide, ( $\pm$ )-  
 ANSI ofurace  
 ISO ofurace  
 IUPAC (2-chloro-N-2,6-xylylacetamido)- $\gamma$ -  
           butyrolactone, (RS)- $\alpha$ -  
 Other milfuram

## FDA Glossary of Pesticide Chemicals

<p><b>omethoate</b> <span style="float: right;"><b>1113-02-6</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C5H12NO4PS            LMS Code: 178            Tolerances: foreign use  <u>Alternate Names:</u>            9CI O,O-dimethyl S-(2-methylamino)-2-oxoethyl phosphorothioate            ISO omethoate            IUPAC O,O-dimethyl S-methylcarbamoylmethyl phosphorothioate            Other BAY 45432              dimethoate oxygen analog              dimethoxon              O,O-dimethyl S-(N-methylcarbamoyl=methyl) phosphorothioate            Trade Folimat</p>	<p><b>oxabetrinil</b> <span style="float: right;"><b>74782-23-3</b></span></p> <p>Use: herbicide safener            Category: parent            Mol. Form.: C12H12N2O3            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI [(1,3-dioxolan-2-yl)methoxyimino]benzene=acetonitrile, <math>\alpha</math>-            IUPAC 1,3-dioxolan-2-ylmethoxyimino(phenyl)=acetonitrile, (Z)-            Other oxabetrinil              oxabetrinil            Trade Concep II</p>
<p><b>orbencarb</b> <span style="float: right;"><b>34622-58-7</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C12H16ClNOS            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI S-((2-chlorophenyl)methyl) diethyl=carbamothioate            ISO orbencarb            IUPAC S-2-chlorobenzyl diethyl(thiocarbamate)            Other orthobencarb            Trade Lanray</p>	<p><b>oxadiargyl</b> <span style="float: right;"><b>39807-15-3</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C15H14Cl2N4O3            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 3-(2,4-dichloro-5-(2-propynyloxy)phenyl)-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one            ISO oxadiargyl            IUPAC 5-tert-butyl-3-[2,4-dichloro-5-(prop-2-ynyloxy)phenyl]-1,3,4-oxadiazol-2(3H)-one            Other RP-020630</p>
<p><b>oryzalin</b> <span style="float: right;"><b>19044-88-3</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C12H8N4O6S            LMS Code: 737            Tolerances: 180.304, 185.4550, foreign use  <u>Alternate Names:</u>            9CI 4-(dipropylamino)-3,5-dinitrobenzene=sulfonamide            ANSI oryzalin            ISO oryzalin            Trade Dirimal              Ryzelan              Surflan</p>	<p><b>oxadiazon</b> <span style="float: right;"><b>19666-30-9</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C15H18Cl2N2O3            LMS Code: 625            Tolerances: 180.346, foreign use  <u>Alternate Names:</u>            9CI 3-(2,4-dichloro-5-(1-methylethoxy)phenyl)-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2-(3H)-one            ANSI oxadiazon            ISO oxadiazon            IUPAC 5-tert-butyl-3-(2,4-dichloro-5-isopropoxy=phenyl)-1,3,4-oxadiazol-2(3H)-one            Other 2-tert-butyl-4-(2,4-dichloro-5-isopropoxy=phenyl)-delta2-1,3,4-oxadiazolin-5-one              RP-17623            Trade Ronstar</p>
<p><b>ovex</b> <span style="float: right;"><b>80-33-1</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C12H8Cl2O3S            LMS Code: 063            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI 4-chlorophenyl 4-chlorobenzenesulfonate            ANSI ovex            ISO chlorfenson            IUPAC 4-chlorophenyl 4-chlorobenzenesulfonate            Other chlorfénizon              difenson              ephirsulfonate              ovatran              ovatron            Trade Ovochlor              Ovotran</p>	<p><b>oxadixyl</b> <span style="float: right;"><b>77732-09-3</b></span></p> <p>Use: fungicide            Category: parent            Mol. Form.: C14H18N2O4            LMS Code: A46            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI N-(2,6-dimethylphenyl)-2-methoxy-N-(2-oxo-3-oxazolidinyl)acetamide            ISO oxadixyl            IUPAC 2-methoxy-N-(2-oxo-1,3-oxazolidin-3-yl)acet-2',6'-xylidide            Other SAN 371F            Trade Pulsan              Recoil              Ripost              Sandofan              Wakil</p>

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### oxamyl 23135-22-0

Use: insecticide  
 Category: parent  
 Mol. Form.: C7H13N3O3S  
 LMS Code: 537  
 Tolerances: 180.303, 186.4575, foreign use  
Alternate Names:  
 9CI methyl 2-(dimethylamino)-N-(((methyl=amino)carbonyl)oxy)-2-oxoethan=imidothioate  
 ANSI oxamyl  
 ISO oxamyl  
 IUPAC N,N-dimethyl-2-methylcarbamoyl=oxyimino-2-(methylthio)acetamide  
 Other dioxamyl  
 thioxamyl  
 Trade Vydate

### oxasulfuron 144651-06-9

Use: herbicide  
 Category: parent  
 Mol. Form.: C17H18N4O6S  
 LMS Code:  
 Tolerances: temporary  
Alternate Names:  
 9CI 3-oxetanyl 2-(((4,6-dimethyl-2-pyrimidinyl)amino)carbonyl)amino)sulfonyl)=benzoate  
 ISO oxasulfuron  
 IUPAC oxetan-3-yl 2-[(4,6-dimethylpyrimidin-2-yl)carbamoylsulfamoyl]benzoate  
 Other CGA-277476  
 Trade Expert

### oxaziclorfene 153197-14-9

Use: herbicide  
 Category: parent  
 Mol. Form.: C20H19Cl2NO2  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 3-(1-(3,5-dichlorophenyl)-1-methylethyl)-2,3-dihydro-6-methyl-5-phenyl-4H-1,3-oxazin-4-one  
 ISO oxaziclorfene  
 IUPAC 3-[1-(3,5-dichlorophenyl)-1-methylethyl]-3,4-dihydro-6-methyl-5-phenyl-2H-1,3-oxazin-4-one  
 Other MY-100

### oxolinic acid 14698-29-4

Use: bactericide  
 Category: parent  
 Mol. Form.: C13H11NO5  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 5-ethyl-5,8-dihydro-8-oxo-1,3-dioxolo[4,5-g]quinoline-7-carboxylic acid  
 ISO oxolinic acid  
 IUPAC 5-ethyl-5,8-dihydro-8-oxo[1,3]dioxolo[4,5-g]quinoline-7-carboxylic acid  
 Other dioxacin  
 S-0208  
 Trade Gramurin  
 Starner

### oxycarboxin 5259-88-1

Use: fungicide  
 Category: parent  
 Mol. Form.: C12H13NO4S  
 LMS Code: 890  
 Tolerances: foreign use  
Alternate Names:  
 9CI 5,6-dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide 4,4-dioxide  
 ANSI oxycarboxin  
 ISO oxycarboxin  
 IUPAC 2,3-dihydro-6-methyl-5-phenylcarbamoyl-1,4-oxathi-ine 4,4-dioxide  
 5,6-dihydro-2-methyl-1,4-oxathi-ine-3-carboxanilide 4,4-dioxide  
 5,6-dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide 4,4-dioxide  
 Trade Plantvax

### oxydemeton-methyl 301-12-2

Use: insecticide  
 Category: parent  
 Mol. Form.: C6H15O4PS2  
 LMS Code: 219  
 Tolerances: 180.330, 186.3050, foreign use  
Alternate Names:  
 9CI S-(2-(ethylsulfinyl)ethyl) O,O-dimethyl phosphorothioate  
 ISO oxydemeton-methyl  
 IUPAC S-2-ethylsulfinylethyl O,O-dimethyl phosphorothioate  
 Other demeton-S-methyl sulfoxide  
 methylmercaptophos oxide  
 Trade Metasystox-R

### oxydemeton-methyl sulfone 17040-19-6

Use:  
 Category: metabolite  
 Mol. Form.: C6H15O5PS2  
 LMS Code: 245  
 Tolerances: 180.330, 186.3050  
Alternate Names:  
 9CI S-(2-(ethylsulfonyl)ethyl) O,O-dimethyl phosphorothioate  
 ISO demeton-S-methylsulphon  
 IUPAC S-2-ethylsulfonylethyl O,O-dimethyl phosphorothioate  
 Other demeton-S-methyl-sulphone  
 demeton-S-methylsulfone  
 demeton-S-methylsulphone  
 dimethyl S-(2-ethylsulfonylethyl)=thiophosphate  
 dioxydemeton-S-methyl  
 isometasystox sulfone  
 isomethylsystox sulfone  
 O,O-dimethyl S-(2-ethylsulfonylethyl)=phosphorothioate  
 O,O-dimethyl S-ethyl-2-sulfonylethyl phosphorothiolate  
 O,O-dimethyl S-ethylsulphonylethyl phosphorothiolate  
 oxydemeton-methyl sulfone  
 phosphorothioic acid, O,O-dimethyl S-(2-(ethylsulfonyl)ethyl) ester  
 S-2-ethylsulphonylethyl O,O-dimethyl phosphorothioate

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### oxydeprofos 2674-91-1

Use: insecticide  
 Category: parent  
 Mol. Form.: C7H17O4SP  
 LMS Code: 831  
 Tolerances: foreign use  
Alternate Names:  
 9CI S-(2-(ethylsulfinyl)1-methylethyl) O,O-dimethyl phosphorothioate  
 IUPAC S-2-ethylsulfinyl-1-methylethyl O,O-dimethyl phosphorothioate  
 Other estox  
 Metasystox-S  
 oxydeprofos

### oxyfluorfen 42874-03-3

Use: herbicide  
 Category: parent  
 Mol. Form.: C15H11ClF3NO4  
 LMS Code: 713  
 Tolerances: 180.381, foreign use  
Alternate Names:  
 9CI 2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene  
 ANSI oxyfluorfen  
 ISO oxyfluorfen  
 IUPAC 2-chloro- $\alpha,\alpha,\alpha$ -trifluoro-p-tolyl 3-ethoxy-4-nitrophenyl ether  
 Trade Goal  
 Koltar

### oxytetracycline 79-57-2

Use: preservative  
 Category: parent  
 Mol. Form.: C22H24N2O9  
 LMS Code: 064  
 Tolerances: 180.337, foreign use  
Alternate Names:  
 9CI 4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide  
 IUPAC 4-dimethylamino-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxonaphthacene-2-carboxamide, (4S,4aR,5S,5aR,6S,12aS)-  
 Other oxytetracycline  
 Trade Biostat

### oxytetracycline hydrochloride 2058-46-0

Use: fumigant  
 Category: parent  
 Mol. Form.: C22H24N2O9•HCl  
 LMS Code:  
 Tolerances: 180.337, foreign use  
Alternate Names:  
 9CI 4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamide monohydrochloride, (4S,4aR,5S,5aR,6S,  
 IUPAC 4-dimethylamino-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxonaphthacene-2-carboxamide monohydrochloride, (4S,4aR,5S,5aR,6S,  
 Other oxytetracycline hydrochloride  
 Trade Aquacycline  
 Mepatar

### oxythioquinox 2439-01-2

Use: insecticide/fungicide  
 Category: parent  
 Mol. Form.: C10H6N2OS2  
 LMS Code: 246  
 Tolerances: revoked, foreign use  
Alternate Names:  
 9CI 6-methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one  
 ISO chinomethionat  
 IUPAC 6-methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one  
 S,S-(6-methylquinoxaline-2,3-diyl)dithiocarbonate  
 Other oxythioquinox  
 quinomethionate  
 Trade Bay 36205  
 Morestan

## P

### paclobutrazol 76738-62-0

Use: plant growth regulator  
 Category: parent  
 Mol. Form.: C15H20ClN3O  
 LMS Code: A48  
 Tolerances: foreign use  
Alternate Names:  
 9CI ((4-chlorophenyl)methyl)- $\alpha$ -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol, (R\*,R\*)-( $\pm$ )- $\beta$ -  
 ANSI paclobutrazol  
 IUPAC 1-(4-chlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pentan-3-ol, (2RS,3RS)-  
 Trade Bonsai  
 Cultar

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**paraformaldehyde** **30525-89-4**

Use: fungicide  
 Category: parent  
 Mol. Form.: (CH<sub>2</sub>O)<sub>x</sub>  
 LMS Code:  
 Tolerances: revoked  
Alternate Names:  
 9CI paraformaldehyde  
 Trade Paraform

**paraquat** **4685-14-7**

Use: herbicide/plant growth regulator  
 Category: parent  
 Mol. Form.: C<sub>12</sub>H<sub>14</sub>N<sub>2</sub>  
 LMS Code: 150  
 Tolerances: 180.205, foreign use  
Alternate Names:  
 9CI 1,1'-dimethyl-4,4'-bipyridinium  
 ANSI paraquat  
 ISO paraquat  
 IUPAC 1,1'-dimethyl-4,4'-bipyridinium  
 Other orthoparaquat  
 Trade Dextrone X  
 Gramoxone  
 Weedol

**parathion** **56-38-2**

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>10</sub>H<sub>14</sub>NO<sub>5</sub>PS  
 LMS Code: 065  
 Tolerances: 180.121, 180.122, foreign use  
Alternate Names:  
 9CI O,O-diethyl O-(4-nitrophenyl)  
 phosphorothioate  
 ISO parathion  
 IUPAC O,O-diethyl O-4-nitrophenyl  
 phosphorothioate  
 Other ethyl parathion  
 Trade Bladan  
 Thiophos  
 Viran

**parathion-methyl** **298-00-0**

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>8</sub>H<sub>10</sub>NO<sub>5</sub>PS  
 LMS Code: 057  
 Tolerances: 180.121, foreign use  
Alternate Names:  
 9CI O,O-dimethyl O-(4-nitrophenyl)  
 phosphorothioate  
 ISO parathion-methyl  
 IUPAC O,O-dimethyl O-4-nitrophenyl  
 phosphorothioate  
 Other dimethyl parathion  
 metaphos  
 methyl parathion  
 parathion methyl homolog  
 Trade Metacide  
 Metron

**pebulate** **1114-71-2**

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>10</sub>H<sub>21</sub>NOS  
 LMS Code: 161  
 Tolerances: 180.238, foreign use  
Alternate Names:  
 9CI S-propyl butylethylcarbamoithioate  
 ISO pebulate  
 IUPAC S-propyl butyl(ethyl)thiocarbamate  
 Other R-2061  
 S-propyl butylethylthiocarbamate  
 Trade Tillam

**pefurazoate** **101903-30-4**

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>18</sub>H<sub>23</sub>N<sub>3</sub>O<sub>4</sub>  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 4-pentenyl 2-((2-furanylmethyl)(1H-  
 imidazol-1-ylcarbonyl)amino)=  
 butanoate  
 ISO pefurazoate  
 IUPAC pent-4-enyl N-furfuryl-N-imidazol-1-  
 ylcarbonyl-DL-homoalaninate  
 Other UHF-8615  
 UR-0003

**penconazole** **66246-88-6**

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>13</sub>H<sub>15</sub>Cl<sub>2</sub>N<sub>3</sub>  
 LMS Code: 956  
 Tolerances: foreign use  
Alternate Names:  
 9CI 1-(2-(2,4-dichlorophenyl)pentyl)-1H-1,2,4-  
 triazole  
 ISO penconazole  
 IUPAC 1-(2,4-dichloro-β-propylphenethyl)-1H-  
 1,2,4-triazole  
 Other CGA-71818  
 Trade Award  
 Onmex  
 Topas  
 Topaz  
 Topaze

**pencycuron** **66063-05-6**

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>19</sub>H<sub>21</sub>ClN<sub>2</sub>O  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI N-((4-chlorophenyl)methyl)-N-cyclopentyl-  
 N'-phenylurea  
 ISO pencycuron  
 IUPAC 1-(4-chlorobenzyl)-1-cyclopentyl-3-  
 phenylurea  
 Other Bay NTN 19701  
 Trade Monceren



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<p><b>pendimethalin</b> <span style="float: right;"><b>40487-42-1</b></span>            Use: herbicide            Category: parent            Mol. Form.: C13H19N3O4            LMS Code: 230            Tolerances: 180.361, foreign use  <u>Alternate Names:</u>            9CI N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine            ANSI pendimethalin            ISO pendimethalin            IUPAC N-(1-ethylpropyl)-2,6-dinitro-3,4-xylidine            Other penoxalin            Trade Herbadox                Prowl                Stomp</p>	<p><b>pentachlorophenol</b> <span style="float: right;"><b>87-86-5</b></span>            Use: wood preservative            Category: parent            Mol. Form.: C5HCl5O            LMS Code: 316            Tolerances: foreign use  <u>Alternate Names:</u>            9CI pentachlorophenol            ISO pentachlorophenol            IUPAC pentachlorophenol            Other PCP            Trade Dowicide                Penta</p>
<p><b>penoxsulam (prop)</b> <span style="float: right;"><b>219714-96-2</b></span>            Use: herbicide            Category: parent            Mol. Form.: C16H14F5N5O5S            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 2-(2,2-difluoroethoxy)-N-(5,8-dimethoxy-[1,2,4]triazolo[1,5-c]pyrimidin-2-yl)-6-(trifluoromethyl)benzene=sulfonamide            ISO penoxsulam (prop)            IUPAC 3-(2,2-difluoroethoxy)-N-(5,8-dimethoxy-[1,2,4]triazolo[1,5-c]pyrimidin-2-yl)-<math>\alpha,\alpha,\alpha</math>-trifluorotoluene-2-sulfonamide</p>	<p><b>pentachlorophenyl methyl ether</b> <span style="float: right;"><b>1825-21-4</b></span>            Use:            Category: metabolite            Mol. Form.: C7H3Cl5O            LMS Code: 376            Tolerances: 180.291  <u>Alternate Names:</u>            9CI pentachloromethoxybenzene            Other methyl pentachlorophenate                PCP methyl ether                pentachloroanisole                pentachlorophenyl methyl ether                quintozene metabolite</p>
<p><b>pentachloroaniline</b> <span style="float: right;"><b>527-20-8</b></span>            Use:            Category: metabolite            Mol. Form.: C6H2Cl5N            LMS Code: 351            Tolerances: 180.291  <u>Alternate Names:</u>            9CI 2,3,4,5,6-pentachlorobenzenamine            Other PCA                pentachloroaniline                quintozene metabolite</p>	<p><b>pentachlorophenyl methyl sulfide</b> <span style="float: right;"><b>1825-19-0</b></span>            Use:            Category: metabolite            Mol. Form.: C7H3Cl5S            LMS Code: 388            Tolerances: 180.291  <u>Alternate Names:</u>            9CI pentachloro(methylthio)benzene            Other methyl pentachlorophenyl sulfide                MPCPS                PCP methyl sulfide                pentachlorophenyl methyl sulfide                pentachlorothioanisole                quintozene metabolite</p>
<p><b>pentachlorobenzene</b> <span style="float: right;"><b>608-93-5</b></span>            Use:            Category: metabolite            Mol. Form.: C6HCl5            LMS Code: 387            Tolerances: 180.291  <u>Alternate Names:</u>            9CI pentachlorobenzene            Other quintozene metabolite</p>	<p><b>perfluidone</b> <span style="float: right;"><b>37924-13-3</b></span>            Use: herbicide            Category: parent            Mol. Form.: C14H12F3NO4S2            LMS Code: 748            Tolerances: revoked  <u>Alternate Names:</u>            9CI 1,1,1-trifluoro-N-(2-methyl-4-(phenyl=sulfonyl)phenyl)methanesulfonamide            ANSI perfluidone            ISO perfluidone            IUPAC 1,1,1-trifluoro-2'-methyl-4'-(phenyl=sulfonyl)methanesulfonanilide                1,1,1-trifluoro-N-(4-phenylsulfonyl-o-tolyl)methanesulfonamide            Trade Destun</p>
<p><b>pentachlorobenzonitrile</b> <span style="float: right;"><b>20925-85-3</b></span>            Use:            Category: impurity            Mol. Form.: C7Cl5N            LMS Code: 396            Tolerances: 180.275  <u>Alternate Names:</u>            9CI pentachlorobenzonitrile            Other chlorothalonil impurity                PCBN</p>	

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**permethrin** **52645-53-1**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>21</sub>H<sub>20</sub>Cl<sub>2</sub>O<sub>3</sub>  
 LMS Code: 539  
 Tolerances: 180.378, foreign use  
Alternate Names:  
 9CI (3-phenoxyphenyl)methyl 3-(2,2,-dichloro=  
           ethenyl)-2,2-dimethylcyclopropane=  
           carboxylate  
 ANSI permethrin  
 ISO permethrin  
 IUPAC 3-phenoxybenzyl (1RS)-cis-trans-3-(2,2-  
           dichlorovinyl)-2,2- dimethylcyclo=  
           propanecarboxylate  
           3-phenoxybenzyl (1RS,3RS;1RS,3SR)-3-  
           (2,2-dichlorovinyl)-2,2-dimethyl=  
           cyclopropanecarboxylate  
 Trade Ambush  
       Pounce

**phenisopham** **57375-63-0**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>19</sub>H<sub>22</sub>N<sub>2</sub>O<sub>4</sub>  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 3-(((1-methylethoxy)carbonyl)amino)phenyl  
           ethylphenylcarbamate  
 IUPAC 3-(isopropoxy-carbonylamino)phenyl N-  
           ethylcarbanilate  
           isopropyl 3-(N-ethyl-N-phenylcarbamoyl=  
           oxy)phenylcarbamate  
           isopropyl 3-[ethyl(phenyl)carbamoxyloxy]=  
           carbanilate  
 Other phenisopham  
 Trade Diconal  
       Verdinal

**phenmedipham** **13684-63-4**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>16</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>  
 LMS Code: 791  
 Tolerances: 180.278, foreign use  
Alternate Names:  
 9CI 3-((methoxycarbonyl)amino)phenyl (3-  
           methylphenyl)carbamate  
 ANSI phenmedipham  
 ISO phenmedipham  
 IUPAC 3-methoxycarbonylamino-phenyl 3'-  
           methylcarbanilate  
           methyl 3-(3-methylcarbaniloxyloxy)=  
           carbanilate  
 Other methyl m-hydroxycarbanilate m-methyl=  
           carbanilate  
 Trade Betanal

**phenmedipham-ethyl** **13684-44-1**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>17</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 3-[(ethoxycarbonyl)amino]phenyl (3-  
           methylphenyl)carbamate  
 ISO phenmedipham-ethyl  
 IUPAC 3-ethoxycarbonylamino-phenyl 3'-  
           methylcarbanilate  
           ethyl 3'-(3'-methylcarbaniloxyloxy)=  
           carbanilate

**phenothiazine** **92-84-2**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>12</sub>H<sub>9</sub>N<sub>3</sub>  
 LMS Code: 068  
 Tolerances: revoked  
Alternate Names:  
 9CI 10H-phenothiazine  
 Other dibenzothiazine  
           phenothiazine  
           thiodiphenylamine  
 Trade AFI-Tiazin  
       Antiverm  
       Biverm  
       Contaverm  
       Fenoverm  
       Fentiazin  
       Helmetina  
       Lethelmin  
       Nemazine  
       Orimon  
       Padophene  
       Phenegic  
       Phenoverm  
       Phenovis  
       Phenoxur  
       Reconox  
       Souframine  
       Vermitin

**phenothrin** **26002-80-2**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>23</sub>H<sub>26</sub>O<sub>3</sub>  
 LMS Code: 848  
 Tolerances: foreign use  
Alternate Names:  
 9CI (3-phenoxyphenyl)methyl 2,2-dimethyl-3-  
           (2-methyl-1-propenyl)cyclopropane=  
           carboxylate  
 ISO phenothrin  
 IUPAC 3-phenoxybenzyl (1RS)-cis-trans-2,2-  
           dimethyl-3-(2-methylprop-1-  
           enyl)cyclopropanecarboxylate  
           3-phenoxybenzyl (±)-cis-trans-  
           chrysanthemate  
 Other fenothrin  
       S-2539  
 Trade Sumithrin

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<p><b>phenthoate</b> <span style="float: right;"><b>2597-03-7</b></span>            Use: insecticide            Category: parent            Mol. Form.: C12H17O4PS2            LMS Code: 377            Tolerances: pending, foreign use  <u>Alternate Names:</u>            9CI ethyl <math>\alpha</math>-((dimethoxyphosphinothioyl)thio)=benzeneacetate            ISO phenthoate            IUPAC ethyl dimethoxyphosphinothioylthio=(phenyl)acetate            S-<math>\alpha</math>-ethoxycarbonylbenzyl O,O-dimethyl phosphorodithioate            Other dimephenthoate            Trade Cidial            Papthion</p>	<p><b>phosdiphen</b> <span style="float: right;"><b>36519-00-3</b></span>            Use: fungicide            Category: parent            Mol. Form.: C14H11Cl4O4P            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI bis(2,4-dichlorophenyl) ethyl phosphoroate            IUPAC bis(2,4-dichlorophenyl) ethyl phosphate            Other phosdiphen</p>
<p><b>phenylphenol, o-</b> <span style="float: right;"><b>90-43-7</b></span>            Use: fungicide            Category: parent            Mol. Form.: C12H10O            LMS Code: 083            Tolerances: 180.129  <u>Alternate Names:</u>            9CI (1,1'-biphenyl)-2-ol            ISO 2-phenylphenol            IUPAC biphenyl-2-ol            Other phenylphenol, o-            Trade Dowicide 1</p>	<p><b>phosfolan</b> <span style="float: right;"><b>947-02-4</b></span>            Use: fumigant            Category: parent            Mol. Form.: C7H14NO3PS2            LMS Code: 672            Tolerances:  <u>Alternate Names:</u>            9CI diethyl 1,3-dithiolan-2-ylidene=phosphoramidate            ISO phosfolan            IUPAC 2-(diethoxyphosphinylimino)-1,3-dithiolane            diethyl 1,3-dithiolan-2-ylidene=phosphoramidate            Trade Cylan            Cyolane</p>
<p><b>phorate</b> <span style="float: right;"><b>298-02-2</b></span>            Use: insecticide            Category: parent            Mol. Form.: C7H17O2PS3            LMS Code: 148            Tolerances: 180.206, 186.4750, foreign use  <u>Alternate Names:</u>            9CI O,O-diethyl S-((ethylthio)methyl)phosphorodithioate            ANSI phorate            ISO phorate            IUPAC O,O-diethyl S-ethylthiomethylphosphorodithioate            Other CL 35,024            Trade Thimet</p>	<p><b>phosmet</b> <span style="float: right;"><b>732-11-6</b></span>            Use: insecticide            Category: parent            Mol. Form.: C11H12O4NPS2            LMS Code: 165            Tolerances: 180.261, foreign use  <u>Alternate Names:</u>            9CI S-((1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)methyl) O,O-dimethyl phosphoro=dithioate            ISO phosmet            IUPAC N-(dimethoxyphosphinothioylthio=methyl)phthalimide            O,O-dimethyl S-phthalimidomethylphosphorodithioate            Other N-(mercaptomethyl)phthalimide S-(O,O-dimethyl phosphorodithioate)            phthalophos            PMP            Trade Appa            Imidan            Prolate</p>
<p><b>phosalone</b> <span style="float: right;"><b>2310-17-0</b></span>            Use: insecticide            Category: parent            Mol. Form.: C12H15ClNO4PS2            LMS Code: 166            Tolerances: 180.263, 185.4800, 186.4800, foreign use  <u>Alternate Names:</u>            9CI S-((6-chloro-2-oxo-3(2H)-benzoxazolyl)methyl) O,O-diethyl phosphoro=dithioate            ANSI phosalone            ISO phosalone            IUPAC S-6-chloro-2,3-dihydro-2-oxobenzoxazol-3-ylmethyl O,O-diethyl phosphoro=dithioate            Other S-(6-chloro-3-(mercaptomethyl)-2-benzoxazinone)O,O-diethylphosphorodithioate            Trade Zolone</p>	<p><b>phosphamidon</b> <span style="float: right;"><b>13171-21-6</b></span>            Use: insecticide            Category: parent            Mol. Form.: C10H19ClNO5P            LMS Code: 203            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI 2-chloro-3-(diethylamino)-1-methyl-3-oxo-1-propenyl dimethyl phosphate            ANSI phosphamidon            ISO phosphamidon            IUPAC 2-chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate            2-chloro-3-dimethoxyphosphinoxyloxy-N,N-diethylbut-2-enamide            Trade Dimecron</p>

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### phosphine 7803-51-2

Use: fumigant  
 Category: metabolite  
 Mol. Form.: H<sub>3</sub>P  
 LMS Code: 286  
 Tolerances: 180.225, 180.284, 180.375, 185.3800,  
 186.3800, foreign use

Alternate Names:

9CI phosphine  
 IUPAC phosphine  
 Other hydrogen phosphide  
 Trade ECO2 FUME

### phosphocarb 126069-54-3

Use: nematicide  
 Category: parent  
 Mol. Form.: C<sub>13</sub>H<sub>20</sub>NO<sub>5</sub>PS  
 LMS Code:  
 Tolerances:

Alternate Names:

9CI O-ethyl O-(2-(((methylamino)carbonyl)=  
 oxy)phenyl) S-propyl phosphoro=  
 thioate  
 ISO phosphocarb  
 IUPAC 2-[ethoxy(propylthio)phosphinoyl=  
 oxy]phenyl methylcarbamate

### photodieldrin 13366-73-9

Use:  
 Category: photoproduct  
 Mol. Form.: C<sub>12</sub>H<sub>8</sub>Cl<sub>6</sub>O  
 LMS Code: 347  
 Tolerances: revoked

Alternate Names:

9CI 2a,3,3,4,5,5a-hexachlorodecahydro-2,4,6-  
 metheno-2H-cyclopenta(4,5)=  
 pentaleno(1,2-b)oxirene,  
 (1aA,1bB,2A,2aB,4B,5B,=  
 5aB,5bB,6A,6aA)-

Other dieldrin photoproduct  
 photodieldrin

### photodieldrin B 18417-21-5

Use:  
 Category: photoproduct  
 Mol. Form.: C<sub>13</sub>H<sub>9</sub>Cl<sub>5</sub>O  
 LMS Code:  
 Tolerances: revoked

Alternate Names:

9CI 3,4,6,9,9-pentachloro-1a,2,2a,3,6,6a,7,7a-  
 octahydro-2,7:3,6-dimethano=  
 naphth(2,3-b)oxirene,  
 (1aA,2B,2aA,3B,6B,6aA,7B,7aA)-

Other 9-dechlorodieldrin  
 photodieldrin B

### phoxim 14816-18-3

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>12</sub>H<sub>15</sub>N<sub>2</sub>O<sub>3</sub>PS  
 LMS Code: 247  
 Tolerances: pending, foreign use

Alternate Names:

9CI 4-ethoxy-7-phenyl-3,5-dioxa-6-aza-4-  
 phosphaoct-6-ene-8-nitrile 4-sulfide  
 ISO phoxim  
 IUPAC 2-(diethoxyphosphinothioyl)oxyimino)-2-  
 phenylacetoneitrile  
 O,O-diethyl α-cyanobenzylideneamino-  
 oxyphosphonothioate  
 [[[diethoxyphosphinothioyl]oxy]imino]=  
 benzeneacetoneitrile, α-  
 Other (((diethoxyphosphinothioyl)oxy)imino)=  
 benzeneacetoneitrile, α-  
 Trade Baythion  
 Valexon  
 Volaton

### phoxim-methyl 14816-16-1

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>10</sub>H<sub>11</sub>N<sub>2</sub>O<sub>3</sub>PS  
 LMS Code:  
 Tolerances:

Alternate Names:

9CI 3-methoxy-6-phenyl-2,4-dioxa-5-aza-3-  
 phosphaohept-5-ene-7-nitrile 3-  
 sulfide  
 ISO phoxim-methyl  
 IUPAC 2-(dimethoxyphosphinothioyl)oxyimino)-2-  
 phenylacetoneitrile  
 O,O-dimethyl α-cyanobenzylideneamino-  
 oxyphosphonothioate

### phthalamic acid 88-97-1

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>8</sub>H<sub>7</sub>NO<sub>3</sub>  
 LMS Code:  
 Tolerances: foreign use

Alternate Names:

9CI 2-(aminocarbonyl)benzoic acid

Other phthalamic acid  
 phthalic acid monoamide

### phthalide 87-41-2

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>8</sub>H<sub>6</sub>O<sub>2</sub>  
 LMS Code:  
 Tolerances: foreign use

Alternate Names:

9CI 4,5,6,7-tetrachloro-1(3H)-isobenzofuranone

IUPAC 4,5,6,7-tetrachlorophthalide

Other 1(3H)-isobenzofuranone  
 fthalide  
 phthalide

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<p><b>picloram</b> <span style="float: right;"><b>1918-02-1</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C6H3Cl3N2O2            LMS Code: 329            Tolerances: 180.292, foreign use  <u>Alternate Names:</u>            9CI 4-amino-3,5,6-trichloro-2-pyridine=carboxylic acid</p> <p>ANSI picloram            ISO picloram            IUPAC 4-amino-3,5,6-trichloropicolinic acid            4-amino-3,5,6-trichloropyridine-2-carboxylic acid</p> <p>Trade Amdon            Tordon</p>	<p><b>piperonyl butoxide</b> <span style="float: right;"><b>51-03-6</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C19H30O5            LMS Code: 070            Tolerances: 180.127, 185.4900, 186.4900, foreign use  <u>Alternate Names:</u>            9CI 5-((2-(2-butoxyethoxy)ethoxy)methyl)-6-propyl-1,3-benzodioxole</p> <p>ISO piperonyl butoxide            IUPAC 2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether            5-[2-(2-butoxyethoxy)ethoxymethyl]-6-propyl-1,3-benzodioxole</p> <p>Trade Butacide</p>
<p><b>picloram-potassium</b> <span style="float: right;"><b>2545-60-0</b></span></p> <p>Use: insecticide            Category: metabolite            Mol. Form.: C6H2Cl3KN2O2            LMS Code:            Tolerances: 180.292, foreign use  <u>Alternate Names:</u>            9CI 4-amino-3,5,6-trichloro-2-pyridine=carboxylic acid, monopotassium salt</p> <p>Other 4-amino-3,5,6-trichloropicolinic acid, monopotassium salt            4-amino-3,5,6-trichloropicolinic acid, monopotassium salt            4-amino-3,5,6-trichloropicolinic acid, potassium salt            4-amino-3,5,6-trichloropyridinecarboxylic acid, monopotassium salt</p> <p>chloramp            pichloram K            pichloram potassium salt            picloram potassium            picloram potassium salt            picloram-potassium            potassium 4-amino-3,5,6-trichloro-2-pyridinecarboxylate            potassium 4-amino-3,5,6-trichloro=picolinate            potassium 4-amino-3,5,6-trichloro=pyridine-2-carboxylate            potassium picloram</p> <p>Trade Tordon 10K            Tordon 22K            Tordon K</p>	<p><b>piperophos</b> <span style="float: right;"><b>24151-93-7</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C14H28NO3PS2            LMS Code: 846            Tolerances: foreign use  <u>Alternate Names:</u>            9CI S-(2-(2-methyl-1-piperidinyl)-2-oxoethyl)O,O-dipropyl phosphorodithioate</p> <p>ISO piperophos            IUPAC S-2-methylpiperidinocarbonylmethyl O,O-dipropyl phosphorodithioate</p> <p>Trade Rilof</p>
<p><b>picoxystrobin</b> <span style="float: right;"><b>117428-22-5</b></span></p> <p>Use: fungicide            Category: parent            Mol. Form.: C18H16F3NO4            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI methyl (αE)-(methoxymethylene)-2-[[[6-(trifluoromethyl)-2-pyridinyl]oxy]methyl]benzeneacetate</p> <p>ISO picoxystrobin            IUPAC methyl (E)-3-methoxy-2-[2-(6-trifluoromethyl-2-pyridyloxymethyl)phenyl]acrylate</p>	<p><b>pirimicarb</b> <span style="float: right;"><b>23103-98-2</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C11H18N4O2            LMS Code: 580            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI 2-(dimethylamino)-5,6-dimethyl-4-pyrimidinyl dimethylcarbamate</p> <p>ANSI pirimicarb            ISO pirimicarb            IUPAC 2-dimethylamino-5,6-dimethylpyrimidin-4-yl dimethylcarbamate</p> <p>Trade Pirimor</p>
	<p><b>pirimiphos-ethyl</b> <span style="float: right;"><b>23505-41-1</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C13H24N3O3PS            LMS Code: 587            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI O-(2-diethylamino)-6-methyl-4-pyrimidinyl O,O-diethyl phosphorothioate</p> <p>ANSI pirimiphos-ethyl            ISO pirimiphos-ethyl            IUPAC O-2-diethylamino-6-methylpyrimidin-4-yl O,O-diethyl phosphorothioate</p> <p>Trade Primidic            Solgard</p>



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**pirimiphos-methyl** **29232-93-7**

Use: insecticide  
 Category: parent  
 Mol. Form.: C11H20N3O3PS  
 LMS Code: 562  
 Tolerances: 180.409, 185.4950, 186.4950, foreign use

Alternate Names:

9CI O-(2-(diethylamino)-6-methyl-4-pyrimidinyl) O,O-dimethyl phosphorothioate  
 ANSI pirimiphos-methyl  
 ISO pirimiphos-methyl  
 IUPAC O-2-diethylamino-6-methylpyrimidin-4-yl O,O-dimethyl phosphorothioate  
 Trade Actellic  
 Silosan  
 Tomahawk

**polycarbamate** **64440-88-6**

Use: fungicide  
 Category: parent  
 Mol. Form.: C10H18N4S8Zn2  
 LMS Code:  
 Tolerances: foreign use

Alternate Names:

9CI bis(dimethylcarbamodithioato-S,S')(μ-((1,2-ethanediy)bis(carbamodithioato))(2-))di[zinc]  
 Other bis-Dithane  
 polycarbamate

**polyoxins** **11113-80-7**

Use: fungicide  
 Category: parent  
 Mol. Form.:  
 LMS Code:  
 Tolerances: foreign use

Alternate Names:

9CI polyoxins (class)  
 Other polyoxins

**polyoxorim zinc salt** **146659-78-1**

Use: fungicide  
 Category: parent  
 Mol. Form.: C17H23N5O14•Zn  
 LMS Code:  
 Tolerances:

Alternate Names:

9CI zinc 5-((2-amino-5-O-(aminocarbonyl)-2-deoxy-L-xylonoyl)amino)-1-(5-carboxy-3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-1,5-dideoxy-β-D-allofuranuronate  
 ANSI polyoxorim zinc salt  
 ISO polyoxorim-zinc  
 IUPAC zinc 5-(2-amino-5-O-carbamoyl-2-deoxy-L-xylonamido)-1-(5-carboxy-1,2,3,4-tetrahydro-2,4-dioxypyrimidin-1-yl)-1,5-deoxy-β-D-allofuranuronate  
 Trade Polyoxin D zinc salt  
 Polyoxin Z  
 STOPIT

**potassium arsenite** **10124-50-2**

Use: insecticide  
 Category: parent  
 Mol. Form.: AsH3O3•K  
 LMS Code:  
 Tolerances: revoked  
Alternate Names:  
 9CI potassium arsenite

**potassium azide** **20762-60-1**

Use: herbicide/fungicide  
 Category: parent  
 Mol. Form.: KN3  
 LMS Code:  
 Tolerances: temporary  
Alternate Names:  
 9CI potassium azide

**prallethrin** **23031-36-9**

Use: insecticide  
 Category: parent  
 Mol. Form.: C19H24O3  
 LMS Code:  
 Tolerances: 180.545, 186.---  
Alternate Names:  
 9CI 2-methyl-4-oxo-3-(2-propynyl)-2-cyclopenten-1-yl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropane=carboxylate  
 IUPAC 2-methyl-4-oxo-3-prop-2-ynylcyclopent-2-enyl (1R)-cis-trans-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropane=carboxylate, (S)-  
 Other 2-methyl-4-oxo-3-(2-propynyl)cyclopent-2-enyl-(1RS)-cis, trans-chrysanthe=mate, (RS)-  
 Trade prallethrin  
 ETOC

**pretilachlor** **51218-49-6**

Use: herbicide  
 Category: parent  
 Mol. Form.: C17H26ClNO2  
 LMS Code: 892  
 Tolerances: foreign use  
Alternate Names:  
 9CI 2-chloro-N-(2,6-diethylphenyl)-N-(2-propoxyethyl)acetamide  
 ISO pretilachlor  
 IUPAC 2-chloro-2',6'-diethyl-N-(2-propoxyethyl)=acetanilide  
 Other CG 113

**primisulfuron-methyl** **86209-51-0**

Use: herbicide  
 Category: parent  
 Mol. Form.: C15H12F4N4O7S  
 LMS Code:  
 Tolerances: 180.452, foreign use  
Alternate Names:  
 9CI methyl 2-((((4,6-bis(difluoromethoxy)-2-pyrimidinyl)amino)carbonyl)amino)=sulfonyl)benzoate  
 ISO primisulfuron-methyl  
 IUPAC methyl 2-[4,6-bis(difluoromethoxy)=pyrimidin-2-ylcarbamoylsulfamoyl]=benzoate  
 Other CGA-136872  
 Trade Beacon  
 Rifle

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<p><b>probenazole</b> <span style="float: right;"><b>27605-76-1</b></span>            Use: fungicide            Category: parent            Mol. Form.: C10H9NO3S            LMS Code: A52            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 3-(2-propenyloxy)-1,2-benzisothiazole 1,1-dioxide            IUPAC 3-allyloxy-1,2-benz[d]isothiazole 1,1-dioxide            Other probenazole            Trade Oryzemat</p>	<p><b>prodiamine</b> <span style="float: right;"><b>29091-21-2</b></span>            Use: herbicide            Category: parent            Mol. Form.: C13H17F3N4O4            LMS Code: 814            Tolerances:  <u>Alternate Names:</u>            9CI 2,6-dinitro-N1,N1-dipropyl-4-(trifluoro-methyl)-1,3-benzenediamine            ANSI prodiamine            ISO prodiamine            IUPAC 2,6-dinitro-N1,N1-dipropyl-4-trifluoro-methyl-m-phenylenediamine            5-dipropylamino-<math>\alpha,\alpha,\alpha</math>-trifluoro-4,6-dinitro-o-toluidine            Trade Blockade            Endurance</p>
<p><b>prochloraz</b> <span style="float: right;"><b>67747-09-5</b></span>            Use: fungicide            Category: parent            Mol. Form.: C15H16Cl3N3O2            LMS Code: 833            Tolerances: foreign use  <u>Alternate Names:</u>            9CI N-propyl-N-(2-(2,4,6-trichlorophenoxy)ethyl)-1H-imidazole-1-carboxamide            ANSI prochloraz            ISO prochloraz            IUPAC 1-(N-propyl-N-[2-(2,4,6-trichlorophenoxy)ethyl]carbamoylimidazole            N-propyl-N-[2-(2,4,6-trichlorophenoxy)ethyl]imidazole-1-carboxamide            Trade Alpha            Sportak</p>	<p><b>profenofos</b> <span style="float: right;"><b>41198-08-7</b></span>            Use: insecticide            Category: parent            Mol. Form.: C11H15BrClO3PS            LMS Code: 224            Tolerances: 180.404, 186.4975, foreign use  <u>Alternate Names:</u>            9CI O-(4-bromo-2-chlorophenyl) O-ethyl S-propyl phosphorothioate            ANSI profenofos            ISO profenofos            IUPAC O-4-bromo-2-chlorophenyl O-ethyl S-propyl phosphorothioate            Trade Curacron            Polycron            Selecron</p>
<p><b>procyazine</b> <span style="float: right;"><b>32889-48-8</b></span>            Use: herbicide            Category: parent            Mol. Form.: C10H13ClN6            LMS Code: 669            Tolerances:  <u>Alternate Names:</u>            9CI 2-((4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl)amino)-2-methylpropanenitrile            ANSI procyazine            ISO procyazine            IUPAC 2-(4-chloro-6-cyclopropylamino-1,3,5-triazin-2-ylamino)-2-methylpropionitrile            Other CGA-18762            Trade Cycle</p>	<p><b>profluralin</b> <span style="float: right;"><b>26399-36-0</b></span>            Use: herbicide            Category: parent            Mol. Form.: C14H16F3N3O4            LMS Code: A53            Tolerances: revoked  <u>Alternate Names:</u>            9CI N-(cyclopropylmethyl)-2,6-dinitro-N-propyl-4-(trifluoromethyl)benzenamine            ANSI profluralin            ISO profluralin            IUPAC N-cyclopropylmethyl-2,6-dinitro-N-propyl-4-trifluoromethylaniline            N-cyclopropylmethyl-<math>\alpha,\alpha,\alpha</math>-trifluoro-2,6-dinitro-N-propyl-p-toluidine            Trade Pregard            Tolban</p>
<p><b>procymidone</b> <span style="float: right;"><b>32809-16-8</b></span>            Use: fungicide            Category: parent            Mol. Form.: C13H11Cl2NO2            LMS Code: 593            Tolerances: 180.455, foreign use  <u>Alternate Names:</u>            9CI 3-(3,5-dichlorophenyl)-1,5-dimethyl-3-azabicyclo(3.1.0)hexane-2,4-dione            ISO procymidone            IUPAC N-(3,5-dichlorophenyl)-1,2-dimethylcyclopropane-1,2-dicarboximide            Other S-7131            Trade Sumilex            Sumislex</p>	<p><b>prohexadione</b> <span style="float: right;"><b>88805-35-0</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: C10H12O5            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 3,5-dioxo-4-(1-oxopropyl)cyclohexane-carboxylic acid            ISO prohexadione            IUPAC 3,5-dioxo-4-propionylcyclohexane-carboxylic acid</p>

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**Prolan** **117-27-1**

Use: insecticide  
 Category: parent  
 Mol. Form.: C15H13Cl2NO2  
 LMS Code: 674  
 Tolerances: none  
Alternate Names:  
 9CI 1,1'-(2-nitropropylidene)bis(4-chloro=  
           benzene)  
 Other 1,1-bis(4-chlorophenyl)-2-nitropropane  
 Trade Prolan

**promecarb** **2631-37-0**

Use: insecticide  
 Category: parent  
 Mol. Form.: C12H17NO2  
 LMS Code: 385  
 Tolerances: temporary, foreign  
Alternate Names:  
 9CI 3-methyl-5-(1-methylethyl)phenyl  
           methylcarbamate  
 ISO promecarb  
 IUPAC 3-isopropyl-5-methylphenyl methyl=  
           carbamate  
           5-methyl-m-cumenyl methylcarbamate  
 Other cym-5-yl-methylcarbamate, m-  
 Trade Carbamult

**prometon** **1610-18-0**

Use: herbicide  
 Category: parent  
 Mol. Form.: C10H19N5O  
 LMS Code: 942  
 Tolerances:  
Alternate Names:  
 9CI 6-methoxy-N,N'-bis(1-methylethyl)-1,3,5-  
           triazine-2,4-diamine  
 ANSI prometon  
 ISO prometon  
 IUPAC N2,N4-di-isopropyl-6-methoxy-1,3,5-  
           triazine-2,4-diamine  
 Trade Pramitol

**prometryn** **7287-19-6**

Use: herbicide  
 Category: parent  
 Mol. Form.: C10H19N5S  
 LMS Code: 249  
 Tolerances: 180.222, foreign use  
Alternate Names:  
 9CI N,N'-bis(1-methylethyl)-6-methylthio-  
           1,3,5-triazine-2,4-diamine  
 ANSI prometryn  
 ISO prometryn  
 IUPAC N2,N4-di-isopropyl-6-methylthio-1,3,5-  
           triazine-2,4-diamine  
 Other G-34161  
           prometryne  
 Trade Caparol  
           Gesagard  
           Primatol Q

**pronamide** **23950-58-5**

Use: herbicide  
 Category: parent  
 Mol. Form.: C12H11Cl2NO  
 LMS Code: 540  
 Tolerances: 180.317, foreign use  
Alternate Names:  
 9CI 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)=  
           benzamide  
 ISO propyzamide  
 IUPAC 3,5-dichloro-N-(1,1-dimethylpropynyl)=  
           benzamide  
 Other pronamide  
 Trade Kerb  
           RH-315

**propachlor** **1918-16-7**

Use: herbicide  
 Category: parent  
 Mol. Form.: C11H14ClNO  
 LMS Code: 675  
 Tolerances: 180.211, foreign use  
Alternate Names:  
 9CI 2-chloro-N-(1-methylethyl)-N-phenyl=  
           acetamide  
 ISO propachlor  
 IUPAC 2-chloro-N-isopropylacetanilide  
 Other 2-chloro-N-isopropylacetanilide  
           CP 31393  
 Trade Ramrod

**propamocarb hydrochloride** **25606-41-1**

Use: fungicide  
 Category: parent  
 Mol. Form.: C9H21ClN2O2  
 LMS Code:  
 Tolerances: 180.499, foreign use  
Alternate Names:  
 9CI propyl (3-(dimethylamino)propyl)=  
           carbamate monohydrochloride  
 ANSI propamocarb hydrochloride  
 IUPAC propyl 3-(dimethylamino)propylcarbamate  
           monohydrochloride  
 Trade Banol Turf Fungicide  
           Prevex  
           Previcur N

**propanil** **709-98-8**

Use: herbicide  
 Category: parent  
 Mol. Form.: C9H9Cl2NO  
 LMS Code: 341  
 Tolerances: 180.274, foreign use  
Alternate Names:  
 9CI N-(3,4-dichlorophenyl) propanamide  
 ISO propanil  
 IUPAC 3',4'-dichloropropionanilide  
 Trade Rogue  
           Stam F-34

## FDA Glossary of Pesticide Chemicals

**propaphos** **7292-16-2**

Use: insecticide  
 Category: parent  
 Mol. Form.: C13H21O4PS  
 LMS Code:  
 Tolerances: foreign use

Alternate Names:

9CI 4-(methylthio)phenyl dipropyl phosphate  
 ISO propaphos  
 IUPAC 4-(methylthio)phenyl dipropyl phosphate  
 Other propafos

**propaquizafop** **111479-05-1**

Use: herbicide  
 Category: parent  
 Mol. Form.: C22H22CIN3O5  
 LMS Code:  
 Tolerances: foreign use

Alternate Names:

9CI 2-(((1-methylethylidene)amino)oxy)ethyl 2-(4-((6-chloro-2-quinoxalinyloxy)=phenoxy)propanoate, (R)-  
 ISO propaquizafop  
 IUPAC 2-isopropylideneamino-oxyethyl (R)-2-[4-(6-chloroquinoxalin-2-yloxy)=phenoxy]propionate  
 Other RO 17-3664  
 Trade Agil  
 Shogun

**propargite** **2312-35-8**

Use: insecticide  
 Category: parent  
 Mol. Form.: C19H26O4S  
 LMS Code: 623  
 Tolerances: 180.259, 185.5000, 186.5000, foreign use

Alternate Names:

9CI 2-(4-(1,1-dimethylethyl)phenoxy)cyclohexyl 2-propynyl sulfite  
 ANSI propargite  
 ISO propargite  
 IUPAC 2-(4-tert-butylphenoxy)cyclohexyl prop-2-ynyl sulfite  
 Other BPPS  
 Trade Omite  
 Uniroyal D-014

**propargyl bromide** **106-96-7**

Use: fumigant  
 Category: parent  
 Mol. Form.: C3H3Br  
 LMS Code:  
 Tolerances: 180.199

Alternate Names:

9CI 3-bromo-1-propyne  
 Other 1-bromo-2-propyne  
 2-propynyl bromide  
 3-bromopropyne  
 bromoallylene, gamma-propargyl bromide  
 propynyl bromide

**propazine** **139-40-2**

Use: herbicide  
 Category: parent  
 Mol. Form.: C9H16CIN5  
 LMS Code: 333  
 Tolerances: 180.243, foreign use

Alternate Names:

9CI 6-chloro-N,N'-bis(1-methylethyl)-1,3,5-triazine-2,4-diamine  
 ANSI propazine  
 ISO propazine  
 Trade Gesamil  
 Milogard  
 Primatol P

**propetamphos** **31218-83-4**

Use: insecticide  
 Category: parent  
 Mol. Form.: C10H20NO4PS  
 LMS Code: 636  
 Tolerances: 180.541, 185.5100, 186.5100

Alternate Names:

9CI 1-methylethyl 3-(((ethylamino)methoxy=phosphinothioyl)oxy)-2-butenolate, (E)-  
 ANSI propetamphos  
 ISO propetamphos  
 IUPAC O-2-isopropoxycarbonyl-1-methylvinyl O-methyl ethylphosphoramidothioate, (E)-  
 Trade Safrotin

**propham** **122-42-9**

Use: herbicide  
 Category: parent  
 Mol. Form.: C10H13NO2  
 LMS Code: 310  
 Tolerances: revoked, foreign use

Alternate Names:

9CI 1,1-methylethyl phenylcarbamate  
 ISO propham  
 IUPAC isopropyl carbanilate  
 isopropyl phenylcarbamate  
 Other IPC

**propiconazole** **60207-90-1**

Use: fungicide  
 Category: parent  
 Mol. Form.: C15H17Cl2N3O2  
 LMS Code: 264  
 Tolerances: 180.434, foreign use

Alternate Names:

9CI 1-((2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl)methyl)-1H-1,2,4-triazole  
 ISO propiconazole  
 IUPAC 1-[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-ylmethyl]-1H-1,2,4-triazole, cis-trans-  
 Other CGA-64250  
 Trade Banner  
 Tilt

## FDA Glossary of Pesticide Chemicals

### propineb 12071-83-9

Use: fungicide  
 Category: parent  
 Mol. Form.: (C<sub>5</sub>H<sub>8</sub>N<sub>2</sub>S<sub>4</sub>Zn)<sub>x</sub>  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI (((1-methyl-1,2-ethanediy)bis(carbamo=  
           dithioato))(2-))zinc  
 ISO propineb  
 IUPAC polymeric zinc propylene=  
           bis(dithiocarbamate)  
 Other mezineb  
       zinc propylenebis(dithiocarbamate)  
 Trade Airone  
       Antracol  
       Taifen

### propoxur 114-26-1

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>11</sub>H<sub>15</sub>N<sub>3</sub>O  
 LMS Code: 162  
 Tolerances: pending, foreign use  
Alternate Names:  
 9CI 2-(1-methylethoxy)phenyl methyl=  
           carbamate  
 ISO propoxur  
 IUPAC 2-isopropoxyphenyl methylcarbamate  
 Other aprocarb  
       BAY 39007  
       BAY 9010  
       PHC  
 Trade Baygon  
       Blattanex  
       Suncide  
       Uندن

### propoxycarbazone-sodium (prop) 181274-15-7

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>15</sub>H<sub>17</sub>N<sub>4</sub>O<sub>7</sub>SNa  
 LMS Code:  
 Tolerances: pending  
Alternate Names:  
 9CI methyl 2-[[[(4,5-dihydro-4-methyl-5-oxo-3-  
           propoxy-1H-1,2,4-triazol-1-  
           yl)carbonyl]amino]sulfonyl]benzoate,  
           sodium salt  
 ISO propoxycarbazone-sodium  
 Other propoxycarbazone-sodium (prop)  
 Trade MKH-6561

### propylene oxide 75-56-9

Use: fumigant  
 Category: parent  
 Mol. Form.: C<sub>3</sub>H<sub>6</sub>O  
 LMS Code: 198  
 Tolerances: 180.491, 185.5150  
Alternate Names:  
 9CI methyloxirane  
 Other 1,2-epoxypropane  
       propylene oxide

### pro sulfocarb 52888-80-9

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>14</sub>H<sub>21</sub>NOS  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI S-(phenylmethyl)dipropylcarbamo-thioate  
 ISO pro sulfocarb  
 IUPAC S-benzyl dipropylthiocarbamate  
 Trade Boxer  
       Defi  
       SC-0574

### pro sulfuron 94125-34-5

Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>15</sub>H<sub>16</sub>F<sub>3</sub>N<sub>5</sub>O<sub>4</sub>S  
 LMS Code:  
 Tolerances: 180.481  
Alternate Names:  
 9CI N-(((4-methoxy-6-methyl-1,3,5-triazin-2-  
           yl)amino)carbonyl)-2-(3,3,3-  
           trifluoropropyl)benzenesulfonamide  
 ISO pro sulfuron  
 IUPAC 1-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)-  
       3-[2-(3,3,3-trifluoropropyl)phenyl]=  
       sulfonyl]urea  
 Other CGA-152005

### prothidathion 20276-83-9

Use: acaricide, insecticide  
 Category: parent  
 Mol. Form.: C<sub>10</sub>H<sub>19</sub>N<sub>2</sub>O<sub>4</sub>PS<sub>3</sub>  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI O,O-diethyl S-[[5-(1-methylethoxy)-2-oxo-  
           1,3,4-thiadiazol-3(2H)-yl]methyl]  
           phosphorodithioate  
 ISO prothidathion  
 IUPAC 3-diethoxyphosphinothioylthiomethyl-5-  
       isopropoxy-1,3,4-thiadiazol-2(3H)-  
       one  
       S-(2,3-dihydro-5-isopropoxy-2-oxo-1,3,4-  
       thiadiazol-3-ylmethyl) O,O-diethyl  
       phosphorodithioate  
       S-2,3-dihydro-5-isopropoxy-2-oxo-1,3,4-  
       thiadiazol-3-ylmethyl O,O-diethyl  
       phosphorodithioate

### prothiocarb 19622-19-6

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>8</sub>H<sub>18</sub>N<sub>2</sub>OS•HCl  
 LMS Code: 027  
 Tolerances: foreign use  
Alternate Names:  
 9CI S-ethyl (3-(dimethylamino)propyl)=  
           carbamo-thioate monohydrochloride  
 ISO prothiocarb  
 IUPAC S-ethyl (3-dimethylaminopropyl)=  
       thiocarbamate  
 Trade Dynone  
       Previcur



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<p><b>prothiofos</b> <span style="float: right;"><b>34643-46-4</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C11H15Cl2PO2S2            LMS Code: 613            Tolerances: foreign use  <u>Alternate Names:</u>            9CI O-(2,4-dichlorophenyl) O-ethyl S-propyl phosphorodithioate            ISO prothiofos            IUPAC O-2,4-dichlorophenyl O-ethyl S-propyl phosphorodithioate            Trade Tokuthion</p>	<p><b>pyracarbolid</b> <span style="float: right;"><b>24691-76-7</b></span></p> <p>Use: fungicide            Category: parent            Mol. Form.: C13H15NO2            LMS Code: 893            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 3,4-dihydro-6-methyl-N-phenyl-2H-pyran-5-carboxamide            ISO pyracarbolid            IUPAC 3,4-dihydro-6-methyl-2H-pyran-5-carboxanilide            Trade Sicarol</p>
<p><b>prothoate</b> <span style="float: right;"><b>2275-18-5</b></span></p> <p>Use: insecticide, acaricide            Category: parent            Mol. Form.: C9H20NO3PS2            LMS Code: 847            Tolerances: foreign use  <u>Alternate Names:</u>            9CI O,O-diethyl S-(2-((1-methylethyl)amino)-2-oxoethyl) phosphorodithioate            ISO prothoate            IUPAC O,O-diethyl S-isopropylcarbamoylmethyl phosphorodithioate            Trade FAC</p>	<p><b>pyraclofos</b> <span style="float: right;"><b>89784-60-1</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C14H18ClN2O3PS            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI O-(1-(4-chlorophenyl)-1H-pyrazol-4-yl) O-ethyl S-propyl phosphorothioate            ISO pyraclofos            IUPAC [O-1-(4-chlorophenyl)pyrazol-4-yl O-ethyl S-propyl phosphorothioate], (RS)-            Trade Boltage            Starlet            Voltage</p>
<p><b>proximpham</b> <span style="float: right;"><b>2828-42-4</b></span></p> <p>Use:            Category: parent            Mol. Form.: C10H12N2O2            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI O-((phenylamino)carbonyl)oxime 2-propanone            Other proximpham</p>	<p><b>pyraclostrobin (prop)</b> <span style="float: right;"><b>175013-18-0</b></span></p> <p>Use: fungicide            Category: parent            Mol. Form.: C19H18ClN3O4            LMS Code: B61            Tolerances: 180.582  <u>Alternate Names:</u>            9CI methyl [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]=methoxycarbamate            IUPAC methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxy]methyl}phenyl}(N-methoxy)carbamate            Other methyl-N-(((1-(4-chlorophenyl)pyrazol-3-yl)oxy)-o-tolyl)N-methoxycarbamate pyraclostrobin (prop)            Trade BAS 500 F</p>
<p><b>PT 807 HCl</b></p> <p>Use: plant growth regulator            Category: parent            Mol. Form.:            LMS Code:            Tolerances: 180.558  <u>Alternate Names:</u>            Other N,N-diethyl-2-(4-methylbenzyloxy)=ethylamine hydrochloride            PT 807 HCl</p>	<p><b>pyraflufen-ethyl</b> <span style="float: right;"><b>129630-19-9</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C15H13Cl2F3N2O4            LMS Code:            Tolerances: 180.585  <u>Alternate Names:</u>            9CI ethyl (2-chloro-5-(4-chloro-5-(difluoro= methoxy)-1-methyl-1H-pyrazol-3-yl)-4-fluorophenoxy)acetate            ISO pyraflufen-ethyl            IUPAC ethyl 2-chloro-5-(4-chloro-5-difluoromethoxy-1-methylpyrazol-3-yl)-4-fluorophenoxyacetate            Other ET-751</p>
<p><b>pymetrozine</b> <span style="float: right;"><b>123312-89-0</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C10H11N5O            LMS Code:            Tolerances: 180.556  <u>Alternate Names:</u>            9CI 4,5-dihydro-6-methyl-4-((3-pyridinyl=methylene)amino)-1,2,4-triazin-3(2H)-one, (E)-            ISO pymetrozine            IUPAC 4,5-dihydro-6-methyl-4-(3-pyridyl=methyleneamino)-1,2,4-triazin-3(2H)-one, (E)-            Other CGA-215944            Trade Fulfill            Rally</p>	

## FDA Glossary of Pesticide Chemicals

### pyrazolynate 58011-68-0

Use: herbicide  
 Category: parent  
 Mol. Form.: C19H16Cl2N2O4S  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI (2,4-dichlorophenyl)(1,3-dimethyl-5-(((4-methylphenyl)sulfonyl)oxy)-1H-pyrazol-4-yl)methanone  
 ISO pyrazolynate  
 IUPAC 4-(2,4-dichlorobenzoyl)-1,3-dimethylpyrazol-5-yl toluene-4-sulfonate  
 Trade Sanbird

### pyrazon 1698-60-8

Use: herbicide  
 Category: parent  
 Mol. Form.: C10H8ClN3O  
 LMS Code: 595  
 Tolerances: 180.316, foreign use  
Alternate Names:  
 9CI 5-amino-4-chloro-2-phenyl-3-(2H)-pyridazinone  
 ANSI pyrazon  
 ISO chloridazon  
 IUPAC 5-amino-4-chloro-2-phenylpyridazin-3(2H)-one  
 Other PAC  
 PCA  
 Trade Pyramin

### pyrazophos 13457-18-6

Use: fungicide  
 Category: parent  
 Mol. Form.: C14H20N3O5PS  
 LMS Code: 553  
 Tolerances: foreign use  
Alternate Names:  
 9CI ethyl 2-((diethoxyphosphinothioyl)oxy)-5-methylpyrazolo(1,5-a)pyrimidine-6-carboxylate  
 ISO pyrazophos  
 IUPAC ethyl 2-diethoxyphosphinothioyl-5-methylpyrazolo[1,5-a]pyrimidine-6-carboxylate  
 O-6-ethoxycarbonyl-5-methylpyrazolo[1,5-a]pyrimidin-2-yl O,O-diethyl phosphorothioate  
 Trade Afugan  
 Curamil

### pyrazosulfuron-ethyl 93697-74-6

Use: herbicide  
 Category: parent  
 Mol. Form.: C14H18N6O7S  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI ethyl-5-(((4,6-dimethoxy-2-pyrimidinyl)=amino)carbonylamino)sulfonyl)-1-methyl-1H-pyrazole-4-carboxylate  
 ISO pyrazosulfuron-ethyl  
 IUPAC ethyl 5-(4,6-dimethoxypyrimidin-2-ylcarbonylsulfamoyl)-1-methylpyrazole-4-carboxylate  
 Other NC-311  
 Trade Sirius

### pyrazoxyfen 71561-11-0

Use: herbicide  
 Category: parent  
 Mol. Form.: C20H16Cl2N2O3  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 2-((4-(2,4-dichlorobenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl)oxy)-1-phenylethanone  
 ISO pyrazoxyfen  
 IUPAC 2-[4-(2,4-dichlorobenzoyl)-1,3-dimethylpyrazol-5-yloxy]acetophenone  
 Trade Mondaris  
 Paicer

### pyresmethrin 24624-58-6

Use: insecticide  
 Category: parent  
 Mol. Form.: C23H26O5  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI [5-(phenylmethyl)-3-furanyl]methyl 3-(3-methoxy-2-methyl-3-oxo-1-propenyl)-2,2-dimethylcyclopropanecarboxylate, [1R-[1 $\alpha$ ,3 $\beta$ (E)]]-  
 ISO pyresmethrin  
 IUPAC 5-benzyl-3-furymethyl (E)-(1R)-trans-3-(2-methoxycarbonylprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate  
 5-benzyl-3-furymethyl (E)-(1R,3R)-3-(2-methoxycarbonylprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate  
 5-benzyl-3-furymethyl pyrethrate

### pyrethrins 8003-34-7

Use: insecticide  
 Category: parent  
 Mol. Form.: C21H27O4  
 LMS Code: 075  
 Tolerances: 180.128, 185.5200, 186.5200, foreign use  
Alternate Names:  
 9CI pyrethrins (class)  
 ISO pyrethrins

### pyribenzoxim 168088-61-7

Use: herbicide  
 Category: parent  
 Mol. Form.: C32H27N5O8  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI diphenylmethanone O-(2,6-bis((4,6-dimethoxy-2-pyrimidin-2-yl)oxy)=benzoyl)oxime  
 ISO pyribenzoxim  
 IUPAC benzophenone O-[2,6-bis(4,6-dimethoxy-pyrimidin-2-yloxy)benzoyl]oxime  
 Other LGC-40863  
 Trade Pyanchor

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<p><b>pyributicarb</b> <span style="float: right;"><b>88678-67-5</b></span>            Use: herbicide            Category: parent            Mol. Form.: C18H22N2O2S            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI O-(3-(1,1-dimethylethyl)phenyl) (6-methoxy-2-pyridinyl)methyl=carbamothioate            ISO pyributicarb            IUPAC O-3-tert-butylphenyl 6-methoxy-2-pyridyl(methyl)thiocarbamate</p>	<p><b>pyridaphenthion</b> <span style="float: right;"><b>119-12-0</b></span>            Use: insecticide            Category: parent            Mol. Form.: C14H17O4N2SP            LMS Code: 961            Tolerances: foreign use  <u>Alternate Names:</u>            9CI O-(1,6-dihydro-6-oxo-1-phenyl-3-pyridazinyl) O,O-diethyl phosphorothioate            IUPAC O-(1,6-dihydro-6-oxo-1-phenylpyridazin-3-yl) O,O-diethyl phosphorothioate            Other pyridaphenthion</p>
<p><b>pyridaben</b> <span style="float: right;"><b>96489-71-3</b></span>            Use: acaricide/insecticide            Category: parent            Mol. Form.: C19H25CIN2OS            LMS Code: B56            Tolerances: 180.494, foreign use  <u>Alternate Names:</u>            9CI 4-chloro-2-(1,1-dimethylethyl)-5-(((4-(1,1-dimethylethyl)phenyl)methyl)thio)-3(2H)-pyridazinone            ISO pyridaben            IUPAC 2-tert-butyl-5-(4-tert-butylbenzylthio)-4-chloropyridazin-3(2H)-one            Other NC-129            NCI-129</p>	<p><b>pyridate</b> <span style="float: right;"><b>55512-33-9</b></span>            Use: herbicide            Category: parent            Mol. Form.: C19H23CIN2O2S            LMS Code:            Tolerances: 180.462, foreign use  <u>Alternate Names:</u>            9CI O-(6-chloro-3-phenyl-4-pyridazinyl) S-octyl carbonothioate            ISO pyridate            IUPAC 6-chloro-3-phenylpyridazin-4-yl S-octyl thiocarbonate            Other CL 11344            ST9551            Trade Fenpyrate            Lentagran            Screen</p>
<p><b>pyridafol</b> <span style="float: right;"><b>40020-01-7</b></span>            Use: herbicide            Category: parent            Mol. Form.: C10H7CIN2O            LMS Code:            Tolerances: 180.462  <u>Alternate Names:</u>            9CI 6-chloro-3-phenyl-4-pyridazinol            ISO pyridafol            IUPAC 6-chloro-3-phenylpyridazin-4-ol            Other 6-chloro-3-phenyl-4-pyridazinol            6-chloro-3-phenyl-pyridazine-4-ol            CL-9673            pyridate metabolite            pyridatol</p>	<p><b>pyridinitril</b> <span style="float: right;"><b>1086-02-8</b></span>            Use: fungicide            Category: parent            Mol. Form.: C13H5Cl2N3            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2,6-dichloro-4-phenyl-3,5-pyridine=dicarbonitrile            IUPAC 2,6-dichloro-4-phenylpyridine-3,5-dicarbonitrile            Other DDPP            IT 3296            pyridinitril</p>
<p><b>pyridalyl</b> <span style="float: right;"><b>179101-81-6</b></span>            Use: insecticide            Category: parent            Mol. Form.: C18H14Cl4F3NO3            LMS Code:            Tolerances: pending  <u>Alternate Names:</u>            9CI 2-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propenyl)oxy]phenoxy]propoxy]-5-(trifluoromethyl)pyridine            ISO pyridalyl            IUPAC 2,6-dichloro-4-(3,3-dichloroallyloxy)phenyl 3-[5-(trifluoromethyl)-2-pyridyloxy]propyl ether            Other pyridine, 2-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propenyl)oxy]phenoxy]=propoxy]-5-(trifluoromethyl)</p>	<p><b>pyrifenox</b> <span style="float: right;"><b>88283-41-4</b></span>            Use: fungicide            Category: parent            Mol. Form.: C14H12Cl2N2O            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 1-(2,4-dichlorophenyl)-2-(3-pyridinyl)=ethanone O-methyloxime            ANSI pyrifenox            ISO pyrifenox            IUPAC 2',4'-dichloro-2-(3-pyridyl)acetophenone (EZ)-O-methyloxime            Other RO 15-1297            Trade Dorado            Furado            Podigrol</p>

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**pyrimethanil** **53112-28-0**

Use: fungicide  
 Category: parent  
 Mol. Form.: C12H13N3  
 LMS Code: B16  
 Tolerances: 180.518  
Alternate Names:  
 9CI 4,6-dimethyl-N-phenyl-2-pyrimidinamine  
 ISO pyrimethanil  
 IUPAC N-(4,6-dimethylpyrimidin-2-yl)aniline  
 Other (N-4,6-dimethylpyrimidin-2-yl)aniline  
 SN 100309

**pyrimidifen** **105779-78-0**

Use: acaricide/insecticide  
 Category: parent  
 Mol. Form.: C20H28ClN3O2  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 5-chloro-N-(2-(4-(2-ethoxyethyl)-2,3-dimethylphenoxy)ethyl)-6-ethyl-4-pyrimidinamine  
 ISO pyrimidifen  
 IUPAC 5-chloro-N-{2-[4-(2-ethoxyethyl)-2,3-dimethylphenoxy]ethyl}-6-ethylpyrimidin-4-amine  
 Other E-787  
 SU-8801

**pyriminobac-methyl** **136191-64-5**

Use: herbicide  
 Category: parent  
 Mol. Form.: C17H19N3O6  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI methyl 2-((4,6-dimethoxy-2-pyrimidinyl)oxy)-6-(1-(methoxyimino)ethyl)benzoate  
 ISO pyriminobac-methyl  
 IUPAC methyl 2-(4,6-dimethoxypyrimidin-2-yl)oxy)-6-(1-methoxyiminoethyl)benzoate  
 Other KIH-6127

**pyriproxyfen** **95737-68-1**

Use: insecticide/growth regulator  
 Category: parent  
 Mol. Form.: C20H19NO3  
 LMS Code: B24  
 Tolerances: 180.510, 185.---, foreign use  
Alternate Names:  
 9CI 2-(1-methyl-2-(4-phenoxyphenoxy)ethoxy)pyridine  
 ISO pyriproxyfen  
 IUPAC 4-phenoxyphenyl (RS)-2-(2-pyridyloxy)propyl ether  
 Other 4-phenoxyphenyl(RS)-2-(2-pyridyloxy)propyl ether  
 S-31183  
 S-9318  
 Trade Esteem  
 Knack  
 Nylar  
 Sumilarv

**pyrithiobac sodium salt** **123343-16-8**

Use: herbicide  
 Category: parent  
 Mol. Form.: C13H10ClN2O4S•Na  
 LMS Code:  
 Tolerances: 180.487  
Alternate Names:  
 9CI sodium 2-chloro-6-((4,6-dimethoxy-2-pyrimidinyl)thio)benzoate  
 ANSI pyrithiobac sodium salt  
 ISO pyrithiobac-sodium  
 IUPAC sodium 2-chloro-6-(4,6-dimethoxy-pyrimidin-2-ylthio)benzoate  
 Other DPX-PE 350  
 KIH-2031  
 Trade Staple

**pyroquilon** **57369-32-1**

Use: fungicide  
 Category: parent  
 Mol. Form.: C11H11NO  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 1,2,5,6-tetrahydro-4H-pyrrolo(3.2.1-ij)=quinolin-4-one  
 ISO pyroquilon  
 IUPAC 1,2,5,6-tetrahydropyrrolo[3,2,1-ij]quinolin-4-one  
 Other CGA-49104  
 Trade Coratop  
 Fongoren

**pyroxyfur** **70166-48-2**

Use: fungicide  
 Category: parent  
 Mol. Form.: C11H7Cl4NO2  
 LMS Code: 809  
 Tolerances: temporary  
Alternate Names:  
 9CI 2-chloro-6-(2-furanylmethoxy)-4-(trichloromethyl)pyridine  
 ANSI pyroxyfur  
 IUPAC 6-chloro-4-trichloromethyl-2-pyridylfurfuryl ether  
 Other Dowco 444

### Q

**quinacetol sulfate** **57130-91-3**

Use: fungicide  
 Category: parent  
 Mol. Form.: C11H9NO2•1/2H2O4S  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 1-(8-hydroxy-5-quinolinyl)-ethanone sulfate (2:1)  
 IUPAC 5-acetyl-8-quinolinol sulfate  
 Other quinacetol sulfate  
 Trade Risoter

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<p><b>quinalphos</b> <span style="float: right;"><b>13593-03-8</b></span>            Use: insecticide            Category: parent            Mol. Form.: C12H15N2O3PS            LMS Code: 661            Tolerances: foreign use  <u>Alternate Names:</u>            9CI O,O-diethyl O-2-quinoxaliny                      phosphorothioate            ISO quinalphos            IUPAC O,O-diethyl O-quinoxalin-2-yl                      phosphorothioate            Trade Bayrusil                      Ekalux</p>	<p><b>quinmerac</b> <span style="float: right;"><b>90717-03-6</b></span>            Use: herbicide            Category: parent            Mol. Form.: C11H8ClNO2            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 7-chloro-3-methyl-8-quinolinecarboxylic                      acid            ISO quinmerac            IUPAC 7-chloro-3-methylquinoline-8-carboxylic                      acid            Other BAS 518 H</p>
<p><b>quinalphos-methyl</b> <span style="float: right;"><b>13593-08-3</b></span>            Use: insecticide            Category: parent            Mol. Form.: C10H11N2O3PS            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI O,O-dimethyl O-2-quinoxaliny                      phosphorothioate            ISO quinalphos-methyl            IUPAC O,O-dimethyl O-quinoxalin-2-yl                      phosphorothioate            Other dimethyl O-2-quinoxaliny                      phosphorothioate                  dimethyl O-quinoxalin-2-yl                      thionophosphate                  phosphorothioic acid, O,O-dimethyl O-2-                  quinoxaliny ester</p>	<p><b>quinoclamine</b> <span style="float: right;"><b>2797-51-5</b></span>            Use: herbicide            Category: parent            Mol. Form.: C10H6ClNO2            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2-amino-3-chloro-1,4-naphthalenedione            ISO quinoclamine            IUPAC 2-amino-3-chloro-1,4-naphthoquinone            Other ACN            Trade Mogeton</p>
<p><b>quinclorac</b> <span style="float: right;"><b>84087-01-4</b></span>            Use: herbicide            Category: parent            Mol. Form.: C10H5Cl2NO2            LMS Code: B29            Tolerances: 180.463, foreign use  <u>Alternate Names:</u>            9CI 3,7-dichloro-8-quinolinecarboxylic acid            ISO quinclorac            IUPAC 3,7-dichloroquinoline-8-carboxylic acid            Other BAS-514-H            Trade Drive                  Facet</p>	<p><b>quinoxifen</b> <span style="float: right;"><b>124495-18-7</b></span>            Use: fungicide            Category: parent            Mol. Form.: C15H8Cl2FNO            LMS Code: B57            Tolerances: pending  <u>Alternate Names:</u>            9CI 5, 7-dichloro-4-(4-fluorophenoxy)quinoline            ANSI quinoxifen            ISO quinoxifen            IUPAC 5,7-dichloro-4-quinoly 4-fluorophenyl                      ether            Other DE-795                  X202496</p>
<p><b>quinconazole</b> <span style="float: right;"><b>103970-75-8</b></span>            Use: fungicide            Category: parent            Mol. Form.: C16H9Cl2N5O            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 3-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-                      1-yl)-4(3H)-quinazolinone            ISO quinconazole            IUPAC 3-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-                      1-yl)-quinazolin-4(3H)-one</p>	<p><b>quintozene</b> <span style="float: right;"><b>82-68-8</b></span>            Use: fungicide            Category: parent            Mol. Form.: C6Cl5NO2            LMS Code: 304            Tolerances: 180.291, foreign use  <u>Alternate Names:</u>            9CI pentachloronitrobenzene            ISO quintozene            IUPAC pentachloronitrobenzene            Other PCNB            Trade Terraclor                  Tritisan</p>



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### quizalofop ethyl ester 76578-14-8

Use: herbicide  
 Category: parent  
 Mol. Form.: C19H17ClN2O4  
 LMS Code: 750  
 Tolerances: 180.441, foreign use

Alternate Names:

9CI ethyl 2-(4-(6-chloro-quinoxalin-2-yl-  
oxy)phenoxy)propanoate  
 ANSI quizalofop ethyl ester  
 ISO quizalofop-ethyl  
 IUPAC ethyl (RS)-2-[4-(6-chloroquinoxalin-2-  
yloxy)phenoxy]propionate  
 Other DPX-Y6202  
 NC-302  
 quizalofop ethyl  
 Trade Assure

### quizalofop-P-ethyl 100646-51-3

Use: herbicide  
 Category: component  
 Mol. Form.: C19H17ClN2O4  
 LMS Code:  
 Tolerances: 180.441, 185.5250, 186.5250, foreign use

Alternate Names:

9CI ethyl 2-(4-((6-chloro-2-quinoxalinyloxy)=  
phenoxy)propanoate, (R)-  
 ISO quizalofop-P-ethyl  
 IUPAC ethyl 2-(4-((6-chloro-2-quinoxalinyloxy)=  
phenoxy)propionate, (R)-

### quizalofop-P-tefuryl 119738-06-6

Use: herbicide  
 Category: parent  
 Mol. Form.: C22H21ClN2O5  
 LMS Code:  
 Tolerances: foreign use

Alternate Names:

9CI (tetrahydro-2-furanyl)methyl 2-(4-((6-  
chloro-2-quinoxalinyloxy)phenoxy)=  
propanoate  
 ANSI quizalofop-P-tefuryl  
 ISO quizalofop-P-tefuryl  
 IUPAC (tetrahydro-2-furanyl)methyl 2-(4-((6-  
chloro-2-quinoxalinyloxy)phenoxy)=  
propionate  
 Other UBI-C4874

## R

### resmethrin 10453-86-8

Use: insecticide  
 Category: parent  
 Mol. Form.: C22H26O3  
 LMS Code: 556  
 Tolerances: 180.525

Alternate Names:

9CI (5-(phenylmethyl)-3-furanyl)methyl 2,2-  
dimethyl-3-(2-methyl-1-propenyl)=  
cyclopropanecarboxylate  
 ANSI resmethrin  
 ISO resmethrin  
 IUPAC 5-benzyl-3-furylmethyl (1RS,3RS)=  
1RS,3SR)-2,2-dimethyl-3-(2-  
methylprop-1-enyl)cyclopropane=  
carboxylate  
 5-benzyl-3-furylmethyl (±)-cis-trans-  
chrysanthemate  
 5-benzyl-3-furylmethyl 1RS)-cis-trans-2,2-  
dimethyl-3-(2-methylprop-1-enyl)=  
cyclopropanecarboxylate  
 Trade Synthrin

### rimsulfuron 122931-48-0

Use: herbicide  
 Category: parent  
 Mol. Form.: C14H17N5O7S2  
 LMS Code:  
 Tolerances: 180.478, foreign use

Alternate Names:

9CI N-(((4,6-dimethoxy-2-pyrimidinyl)=  
amino)carbonyl)-3-(ethylsulfonyl)-2-  
pyridinesulfonamide  
 ANSI rimsulfuron  
 ISO rimsulfuron  
 IUPAC 1-(4,6-dimethoxypyrimidin-2-yl)-3-(3-  
ethylsulfonyl-2-pyridylsulfonyl)urea  
 Other DPX-E9636  
 Trade Titus

### ronnel 299-84-3

Use: insecticide  
 Category: parent  
 Mol. Form.: C8H8Cl3O3PS  
 LMS Code: 105  
 Tolerances: revoked

Alternate Names:

9CI O,O-dimethyl O-(2,4,5-trichlorophenyl)  
phosphorothioate  
 ANSI ronnel  
 ISO fenclorphos  
 IUPAC O,O-dimethyl O-2,4,5-trichlorophenyl  
phosphorothioate  
 Trade Ectoral  
 Etrolene  
 Korlan

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**rotenone** **83-79-4**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>23</sub>H<sub>22</sub>O<sub>6</sub>  
 LMS Code: 020  
 Tolerances: none  
Alternate Names:  
 9CI 1,2,12,12a-tetrahydro-8,9-dimethoxy-2-(1-methylethenyl)-(1)benzopyrano(3,4-b)furo(2,3-h)(1)benzopyran-6(6aH)-one, (2R-(2 A, 6 A-12a A))-  
 ISO rotenone  
 IUPAC 1,2,6,6a,12,12a-hexahydro-2-isopropenyl-8,9-dimethoxychromeno[3,4-b]furo[2,3-h]chromen-6-one, (2R,6aS,12aS)-  
 Trade Derris  
 Prentox  
 Tubatoxin

**schradan** **152-16-9**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>8</sub>H<sub>24</sub>N<sub>4</sub>O<sub>3</sub>P<sub>2</sub>  
 LMS Code: 099  
 Tolerances: revoked  
Alternate Names:  
 9CI octamethyldiphosphoramidate  
 ISO schradan  
 IUPAC octamethylpyrophosphoric tetra-amide  
 Other bis(dimethylamino)phosphonous anhydride  
 octamethyl pyrophosphortetramide  
 octamethyl tetramido pyrophosphate  
 ompacide  
 ompatox  
 ompax  
 pyrophosphoryltetrakisdimethylamide system  
 tetrakisdimethylaminophosphonous anhydride  
 Trade OMPA  
 Pestox III

### S

**S-bioallethrin** **28434-00-6**  
 Use:  
 Category: component  
 Mol. Form.: C<sub>19</sub>H<sub>26</sub>O<sub>3</sub>  
 LMS Code: A57  
 Tolerances: 180.113  
Alternate Names:  
 9CI 2-methyl-4-oxo-3-(2-propenyl)-2-cyclopenten-1-yl-2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropane-carboxylate, (1R-(1A(S\*),3B))-  
 Other allethrin, (+)-trans-esbiol  
 S-bioallethrin

**sec-butylamine** **13952-84-6**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>4</sub>H<sub>11</sub>N  
 LMS Code:  
 Tolerances: revoked, 186.450  
Alternate Names:  
 9CI 2-butanamine  
 Other 2-AB  
 2-aminobutane  
 2-butylamine  
 deccotane  
 frucote  
 sec-butylamine  
 Trade Butafume  
 Tutane

**S-metolachlor** **87392-12-9**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>15</sub>H<sub>22</sub>ClNO<sub>2</sub>  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI mixture of 2-chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methyl-ethyl)acetamide, (S)- (80-100%) and (R)- (20-0%)  
 ISO S-metolachlor  
 IUPAC 2-chloro-6'-ethyl-N-(2-methoxy-1-methylethyl)acet-o-toluidide, mixture of 80-100% (aRS,1S)- and 20-0% (aRS,1R)-  
 mixture of 2-chloro-N-(6-ethyl-o-tolyl)-N-(2-methoxy-1-methylethyl)=acetamide, (aRS,1S)- (80-100%) and (aRS,1R)- (20-0%)

**sebumeton** **26259-45-0**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>10</sub>H<sub>19</sub>N<sub>5</sub>O  
 LMS Code: 965  
 Tolerances: revoked, foreign use  
Alternate Names:  
 9CI N-ethyl-6-methoxy-N'-(1-methylpropyl)-1,3,5-triazine-2,4-diamine  
 ANSI sebumeton  
 ISO sebumeton  
 Trade Etazine  
 Sumitol

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<p><b>sesamex</b> <span style="float: right;"><b>51-14-9</b></span></p> <p>Use: synergist            Category: parent            Mol. Form.: C<sub>15</sub>H<sub>22</sub>O<sub>6</sub>            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 5-[1-[2-(2-ethoxyethoxy)ethoxy]ethoxy]-1,3-benzodioxole            IUPAC 5-[1-[2-(2-ethoxyethoxy)ethoxy]ethoxy]-1,3-benzodioxole            Other sesoxane            1-(2-ethoxyethoxy)-2-(1-(3,4-(methylene-dioxy)phenoxy)ethoxy)ethane            2-(2-ethoxyethoxy)ethyl 3,4-(methylene-dioxy)phenyl acetal acetaldehyde            2-(3,4-methylenedioxyphenoxy)-3,6,9-trioxaundecane            sesamex</p>	<p><b>silafiuofen</b> <span style="float: right;"><b>105024-66-6</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C<sub>25</sub>H<sub>29</sub>FO<sub>2</sub>Si            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI (4-ethoxyphenyl)(3-(4-fluoro-3-phenoxy=phenyl)propyl)dimethylsilane            ISO silafiuofen            IUPAC (4-ethoxyphenyl)[3-(4-fluoro-3-phenoxy=phenyl)propyl]dimethylsilane            Other HOE 084498            Trade Mr. Joker</p>
<p><b>sethoxydim</b> <span style="float: right;"><b>74051-80-2</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C<sub>17</sub>H<sub>29</sub>NO<sub>3</sub>S            LMS Code:            Tolerances: 180.412, foreign use  <u>Alternate Names:</u>            9CI 2-(1-(ethoxyimino)butyl)-5-(2-(ethylthio)=propyl)-3-hydroxy-2-cyclohexen-1-one            ISO sethoxydim            IUPAC 2-(1-ethoxyiminobutyl)-5-[2-(ethylthio)=propyl]-3-hydroxycyclohex-2-enone, (RS)-(EZ)-            Other 2-(N-ethoxybutyrimidoyl)-5-(2-ethylthio=propyl)-3-hydroxy-2-cyclohexen-1-one            2-[1-(ethoximino)butyl]-5-[2-(ethylthio)=propyl]-3-hydroxy-2-cyclohexen-1-one            cyethoxydim            sethodydim            sethoxdim            Trade Aljaden            Alloxol S            Checkmate            Expand            Fervinal            Nabu            Poast            Poast            Tritex-extra</p>	<p><b>Silaid</b> <span style="float: right;"><b>41289-08-1</b></span></p> <p>Use: plant growth regulator            Category: parent            Mol. Form.: C<sub>17</sub>H<sub>21</sub>ClO<sub>2</sub>Si            LMS Code:            Tolerances: temporary  <u>Alternate Names:</u>            9CI (2-chloroethyl)methylbis(phenyl=methoxy)silane            Other bis(benzyloxy)(2-chloroethyl)methylsilane            CGA-15281            Trade Silaid</p>
<p><b>siduron</b> <span style="float: right;"><b>1982-49-6</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C<sub>14</sub>H<sub>20</sub>N<sub>2</sub>O            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI N-(2-methylcyclohexyl)-N'-phenylurea            ANSI siduron            ISO siduron            IUPAC 1-(2-methylcyclohexyl)-3-phenylurea            Trade Tupersan</p>	<p><b>silvex</b> <span style="float: right;"><b>93-72-1</b></span></p> <p>Use: plant growth regulator            Category: parent            Mol. Form.: C<sub>9</sub>H<sub>7</sub>Cl<sub>3</sub>O<sub>3</sub>            LMS Code: 313            Tolerances: revoked  <u>Alternate Names:</u>            9CI 2-(2,4,5-trichlorophenoxy)propanoic acid, (±)            ANSI silvex            ISO fenoprop            IUPAC 2-(2,4,5-trichlorophenoxy)propionic acid, (RS)-            Other 2,4,5-TP</p>
<p><b>simazine</b> <span style="float: right;"><b>122-34-9</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C<sub>7</sub>H<sub>12</sub>CIN<sub>5</sub>            LMS Code: 149            Tolerances: 180.213, 186.5350, foreign use  <u>Alternate Names:</u>            9CI 6-chloro-N,N'-diethyl-1,3,5-triazine-2,4-diamine            ANSI simazine            ISO simazine            IUPAC 6-chloro-N<sub>2</sub>,N<sub>4</sub>-diethyl-1,3,5-triazine-2,4-diamine            Trade Aquazine            Primatol S            Princep</p>	

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<p><b>simetryn</b> <span style="float: right;"><b>1014-70-6</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>8</sub>H<sub>15</sub>N<sub>5</sub>S            LMS Code: 837            Tolerances: foreign use  <u>Alternate Names:</u>            9CI N,N'-diethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine            ISO simetryn            IUPAC N<sub>2</sub>,N<sub>4</sub>-diethyl-6-methylthio-1,3,5-triazine-2,4-diamine            Other G-32911            Trade Gy-bon</p>	<p><b>sodium dehydroacetate</b> <span style="float: right;"><b>4418-26-2</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>8</sub>H<sub>7</sub>NaO<sub>4</sub>            LMS Code: 097            Tolerances: revoked  <u>Alternate Names:</u>            9CI sodium 3-acetyl-6-methyl-2H-pyran-2,4(3H)-dione            Other 3-(1-hydroxyethylidene)-6-methyl-2H-pyran-2,4(3H)-dione sodium salt            4-hexenoic acid,4-hexenoic acid, 2-acetyl-5-hydroxy-3-oxo, delta-lactone, sodium derivative            acetyl-5-hydroxy-3-oxo-4-henenoic acid, delta-lactone, sodium derivative            acetyl-6-methyl-2H-pyran-2,4(3H)-dione, sodium            DHA            DHA-S            DHA-S            DHA-sodium            DHN            harven            pyran-2,4(3H)-dione, 3-acetyl-6-methyl-, ion(1-), sodium            sodium 3-acetyl-6-methyl-2H-pyran-2,4(3H)-dione            sodium 3-acetyl-6-methyl-2H-pyran-2,4(3H)-dione ion (1-)            sodium dehydroacetate</p>
<p><b>sintofen</b> <span style="float: right;"><b>130561-48-7</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: C<sub>18</sub>H<sub>15</sub>ClN<sub>2</sub>O<sub>5</sub>            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 1-(4-chlorophenyl)-1,4-dihydro-5-(2-methoxyethoxy)-4-oxo-3-cinnolinecarboxylic acid            ISO sintofen            IUPAC 1-(4-chlorophenyl)-1,4-dihydro-5-(2-methoxyethoxy)-4-oxocinnoline-3-carboxylic acid            Other SC 2053            Trade Achor            Croisor</p>	<p><b>sodium dimethyldithiocarbamate</b> <span style="float: right;"><b>128-04-1</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>3</sub>H<sub>6</sub>NNaS<sub>2</sub>            LMS Code: 082            Tolerances: 180.152  <u>Alternate Names:</u>            9CI sodium dimethylcarbamidithioate            Other dimethyl-carbamodithioic acid, sodium salt            dimethyldithiocarbamic acid sodium salt            DMDK            methyl namate            SDMDTC            sodium dimethyldithiocarbamate            sodium N,N-dimethyldithiocarbamate            vinstop            Trade Dibam</p>
<p><b>sodium arsenite</b> <span style="float: right;"><b>7784-46-5</b></span>            Use: insecticide            Category: parent            Mol. Form.: AsNaO<sub>2</sub>            LMS Code: 327            Tolerances: revoked  <u>Alternate Names:</u>            9CI sodium arsenite            Other sodium metaarsenite            arsenenous acid, sodium salt            arsenious acid, monosodium salt            arsenious acid, sodium salt            sodium arsenic oxide            sodium dioxoarsenate            sodium ortho arsenite            Trade Kill-all            Penite            Prodaluminol Double</p>	
<p><b>sodium azide</b> <span style="float: right;"><b>26628-22-8</b></span>            Use: herbicide/fungicide            Category: parent            Mol. Form.: NaN<sub>3</sub>            LMS Code:            Tolerances: temporary  <u>Alternate Names:</u>            9CI sodium azide            IUPAC sodium azide            Trade Kazoe            Smite</p>	

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<p><b>sodium o-phenylphenate</b> <span style="float: right;"><b>132-27-4</b></span></p> <p>Use: fungicide            Category: formulation            Mol. Form.: C<sub>12</sub>H<sub>9</sub>NaO            LMS Code:            Tolerances: 180.129  <u>Alternate Names:</u>            9CI sodium (1,1'-biphenyl)-2-ol                      [1,1'-biphenyl]-2-ol sodium salt            Other 2-biphenylol, sodium salt                      2-hydroxybiphenyl sodium salt                      2-phenylphenol sodium salt                      hydroxydiphenyl, sodium salt                      mil-du-rid                      natriphene                      sodium o-phenylphenate                      sodium orthophenylphenoxide            Trade Dowicide                      Dowicide A                      Topane</p>	<p><b>streptomycin</b> <span style="float: right;"><b>57-92-1</b></span></p> <p>Use: fungicide            Category: parent            Mol. Form.: C<sub>21</sub>H<sub>39</sub>N<sub>7</sub>O<sub>12</sub>            LMS Code:            Tolerances: 180.245, foreign use  <u>Alternate Names:</u>            9CI O-2-deoxy-2-(methylamino)-<math>\alpha</math>-L-glucopyranosyl-(1-&gt;2)-O-5-deoxy-3-C-formyl-<math>\alpha</math>-L-lyxofuranosyl-(1-&gt;4)-N,N'-bis(aminoiminoMe)-D-streptamine            IUPAC 1,1'-[1-L-(1,3,5/2,4,6)-4-[5-deoxy-2-O-(2-deoxy-2-methylamino-<math>\alpha</math>-L-glucopyranosyl)-3-C-formyl-<math>\alpha</math>-L-lyxofuranosyloxy]-2,5,6-trihydroxycyclohex-1,3-ylene]=diguanidine                      O-2-deoxy-2-methylamino-<math>\alpha</math>-L-glucopyranosyl-(1-&gt;2)-O-5-deoxy-3-C-formyl-<math>\alpha</math>-L-lyxofuranosyl-(1-&gt;4)-N<sub>3</sub>,N<sub>3</sub>-diamidino-D-streptamine            Other streptomycin</p>
<p><b>sodium salt of fomesafen</b> <span style="float: right;"><b>108731-70-0</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C<sub>15</sub>H<sub>10</sub>ClF<sub>3</sub>N<sub>2</sub>O<sub>6</sub>S•Na            LMS Code:            Tolerances: 180.433, foreign use  <u>Alternate Names:</u>            9CI sodium 5-(2-chloro-4-(trifluoro=methyl)phenoxy)-N-(methylsulfonyl)-2-nitrobenzamide            ANSI sodium salt of fomesafen            IUPAC sodium 5-(2-chloro-<math>\alpha,\alpha,\alpha</math>-trifluoro-p-tolyloxy)-N-mesyl-2-nitrobenzamide                      sodium 5-(2-chloro-<math>\alpha,\alpha,\alpha</math>-trifluoro-p-tolyloxy)-N-methylsulfonyl-2-nitrobenzamide            Other fomesafen sodium            Trade FLEX</p>	<p><b>Strobane</b> <span style="float: right;"><b>8001-50-1</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: C<sub>10</sub>H<sub>11</sub>Cl<sub>7</sub>            LMS Code: 122            Tolerances: revoked  <u>Alternate Names:</u>            9CI terpene polychlorinates            Other polychlorinates of camphene, pinene and related terpenes            Trade Strobane</p>
<p><b>spinosad</b> <span style="float: right;"><b>168316-95-8</b></span></p> <p>Use: insecticide            Category: parent            Mol. Form.: see below            LMS Code:            Tolerances: 180.495  <u>Alternate Names:</u>            9CI spinosad            ANSI spinosad            ISO spinosad            Trade Laser                      Naturalyte                      Success                      Tracer</p>	<p><b>sulcotrione</b> <span style="float: right;"><b>99105-77-8</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C<sub>14</sub>H<sub>13</sub>ClO<sub>5</sub>S            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2-(2-chloro-4-(methylsulfonyl)benzoyl)-1,3-cyclohexanedione            ISO sulcotrione            IUPAC 2-(2-chloro-4-mesylbenzoyl)cyclohexane-1,3-dione            Other ICIA0051                      SC0051            Trade Mikado</p>
<p><b>spiroxamine</b> <span style="float: right;"><b>118134-30-8</b></span></p> <p>Use: fungicide            Category: parent            Mol. Form.: C<sub>18</sub>H<sub>35</sub>N<sub>2</sub>O            LMS Code:            Tolerances: pending  <u>Alternate Names:</u>            9CI 8-(1,1-dimethylethyl)-N-ethyl-N-propyl-1,4-dioxaspiro[4.5]decan-2-methanamine            ISO spiroxamine            IUPAC 8-tert-butyl-1,4-dioxaspiro[4.5]decan-2-ylmethyl(ethyl)(propyl)amine            Other KWG 4168</p>	<p><b>sulfallate</b> <span style="float: right;"><b>95-06-7</b></span></p> <p>Use: herbicide            Category: parent            Mol. Form.: C<sub>8</sub>H<sub>14</sub>CINS<sub>2</sub>            LMS Code: 323            Tolerances: revoked  <u>Alternate Names:</u>            9CI 2-chloro-2-propenyl diethylcarbamo-dithioate            ISO sulfallate            IUPAC 2-chloroallyl diethyldithiocarbamate            Other CDEC            Trade Vegadex</p>



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<p><b>sulfentrazone</b> <span style="float: right;"><b>122836-35-5</b></span>            Use: herbicide            Category: parent            Mol. Form.: C11H10Cl2F2N4O3S            LMS Code:            Tolerances: 180.498  <u>Alternate Names:</u>            9CI N-(2,4-dichloro-5-(4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl)phenyl)methane=sulfonamide            ANSI sulfentrazone            ISO Authority              sulfentrazone            IUPAC 2',4'-dichloro-5'-(4-difluoromethyl-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl)methanesulfonanilide            Other F6285              FMC 97285            Trade Spartan</p>	<p><b>sulfotep</b> <span style="float: right;"><b>3689-24-5</b></span>            Use: insecticide            Category: parent            Mol. Form.: C8H20O5P2S2            LMS Code: 311            Tolerances: foreign use  <u>Alternate Names:</u>            9CI tetraethyl thiodiphosphate            ISO sulfotep            IUPAC O,O,O',O'-tetraethyl dithiopyrophosphate            Other sulfotepp              thio Tepp            Trade Bladafum              Dithione</p>
<p><b>sulfometuron methyl ester</b> <span style="float: right;"><b>74222-97-2</b></span>            Use: herbicide            Category: parent            Mol. Form.: C15H16N4O5S            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI methyl 2-((((4,6-dimethyl-2-pyrimidinyl)=amino)carbonyl)amino)sulfonyl)=benzoate            ANSI sulfometuron methyl ester            ISO sulfometuron-methyl            IUPAC methyl 2-(4,6-dimethylpyrimidin-2-ylcarbamoylsulfamoyl)benzoate              methyl 2-[3-(4,6-dimethylpyrimidin-2-yl)ureidosulfonyl]benzoate            Trade DPX-T5648              Oust</p>	<p><b>sulfur dioxide</b> <span style="float: right;"><b>7446-09-5</b></span>            Use: fumigant            Category: parent            Mol. Form.: SO2            LMS Code: 116            Tolerances: 180.444  <u>Alternate Names:</u>            9CI sulfur dioxide            Other sulfurous anhydride              sulfurous oxide</p>
<p><b>sulfosulfuron</b> <span style="float: right;"><b>141776-32-1</b></span>            Use: herbicide            Category: parent            Mol. Form.: C16H18N6O7S2            LMS Code:            Tolerances: 180.552  <u>Alternate Names:</u>            9CI N-(((4,6-dimethoxy-2-pyrimidinyl)=amino)carbonyl)-2-(ethylsulfonyl)=imidazo(1,2-a)pyridine-3-sulfonamide            ISO sulfosulfuron            IUPAC 1-(4,6-dimethoxypyrimidin-2-yl)-3-(2-ethylsulfonylimidazo[1,2-a]pyridin-3-ylsulfonyl)urea            Other 1-(4,6-dimethoxypyrimidin-2-yl)-3-[(2-ethanesulfonyl-imidazo[1,2-a]pyridine-3-yl)sulfonyl]urea            Trade MON 37500</p>	<p><b>sulfurated lime solution</b> <span style="float: right;"><b>8028-82-8</b></span>            Use: fungicide/acaricide            Category: parent            Mol. Form.: CaSx            LMS Code: 049            Tolerances: foreign use  <u>Alternate Names:</u>            9CI sulfurated lime solution            Other calcium polysulfides, aqueous solution              lime sulfur              vleminckx's solution</p>
<p><b>sulfuryl fluoride</b> <span style="float: right;"><b>2699-79-8</b></span>            Use: fumigant            Category: parent            Mol. Form.: F2O2S            LMS Code:            Tolerances: 180.575  <u>Alternate Names:</u>            ISO sulfuryl fluoride            Trade UN2191              Vikane</p>	<p><b>Sulphenone</b> <span style="float: right;"><b>80-00-2</b></span>            Use: insecticide            Category: parent            Mol. Form.: C12H9ClO2S            LMS Code: 086            Tolerances: revoked  <u>Alternate Names:</u>            9CI 1-chloro-4-(phenylsulfonyl)benzene            Other chlorophenyl phenyl sulfone, p-            Trade R-242              Sulphenone</p>

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**sulphur** **7704-34-9**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: S  
 LMS Code: 085  
 Tolerances: foreign use  
Alternate Names:  
 9CI sulfur  
 ISO sulphur  
 IUPAC sulfur  
 Other brimstone  
 sulfur, micronized

**sulprofos** **35400-43-2**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C12H19O2PS3  
 LMS Code: 609  
 Tolerances: revoked, foreign use  
Alternate Names:  
 9CI O-ethyl O-(4-(methylthio)phenyl) S-propyl  
 phosphorodithioate  
 ISO sulprofos  
 IUPAC O-ethyl O-4-(methylthio)phenyl S-propyl  
 phosphorodithioate  
 Other merdafos  
 O-ethyl O-(p-(methylthio)phenyl) S-propyl  
 phosphorodithioate  
 Trade Bolstar  
 Helothion

### T

**TCA** **76-03-9**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C2HCl3O2  
 LMS Code:  
 Tolerances: revoked, foreign use  
Alternate Names:  
 9CI trichloroacetic acid  
 ISO TCA  
 Trade Konesta  
 Varitox

**TCA-sodium** **650-51-1**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C2NaCl3O2  
 LMS Code:  
 Tolerances: revoked, foreign use  
Alternate Names:  
 9CI sodium trichloroacetate  
 ISO TCA-sodium  
 IUPAC sodium trichloroacetate

**TCMTB** **21564-17-0**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C9H6N2S3  
 LMS Code: 793  
 Tolerances: 180.288  
Alternate Names:  
 9CI (2-benzothiazolythio)methyl thiocyanate  
 Other 2-(thiocyanomethylthio)benzothiazole  
 TCMTB  
 Trade Busan

**TCPSA** **65600-62-6**  
 Use:  
 Category: metabolite  
 Mol. Form.: C3H3Cl3O3S  
 LMS Code:  
 Tolerances: 180.314, foreign use  
Alternate Names:  
 9CI 2,3,3-trichloro-2-propene-1-sulfonic acid  
 Other TCPSA  
 tri-allate metabolite

**TDE, o,p'** **53-19-0**  
 Use: insecticide  
 Category: component  
 Mol. Form.: C14H10Cl4  
 LMS Code: 909  
 Tolerances: revoked  
Alternate Names:  
 9CI 1-chloro-2-(2,2-dichloro-1-(4-chloro=  
 phenyl)ethyl)benzene  
 Other DDD, o,p'-  
 mitotane  
 TDE, o,p'-

**TDE, p,p'** **72-54-8**  
 Use: insecticide  
 Category: component  
 Mol. Form.: C14H10Cl4  
 LMS Code: 908  
 Tolerances: revoked  
Alternate Names:  
 9CI 1,1'-(2,2-dichloroethylidene)bis(4-  
 chlorobenzene)  
 ISO TDE  
 Other DDD  
 DDD, p,p'-  
 dichlorodiphenyldichloroethane  
 Rhothane  
 TDE, p,p'-

**tebuconazole** **107534-96-3**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C16H22ClN3O  
 LMS Code: A58  
 Tolerances: 180.474, foreign use  
Alternate Names:  
 9CI (2-(4-chlorophenyl)ethyl)- $\alpha$ -(1,1-dimethyl=  
 ethyl)-1H-1,2,4-triazol-1-ethanol,  
 ( $\pm$ )- $\alpha$ -  
 ISO tebuconazole  
 IUPAC 1-p-chlorophenyl-4,4-dimethyl-3-(1H-  
 1,2,4-triazol-1-ylmethyl)pentan-3-ol,  
 (RS)-  
 Other GWG 1609  
 HWG 1608  
 Trade Elite  
 Folicur  
 Horizon  
 Lynx  
 Raxil

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### tebufenozide 112410-23-8

Use: insecticide  
 Category: parent  
 Mol. Form.: C22H28N2O2  
 LMS Code:  
 Tolerances: 180.482  
Alternate Names:  
 9CI 1-(1,1-dimethylethyl)-2-(4-ethylbenzoyl)=  
           hydrazide 3,5-dimethylbenzoate  
 ANSI tebufenozide  
 ISO tebufenozide  
 IUPAC N-tert-butyl-N'-(4-ethylbenzoyl)-3,5-  
           dimethylbenzohydrazide  
 Other benzoic acid, 3,5-dimethyl-1-(1,1-  
           dimethylethyl)-2-(4-ethylbenzoyl)=  
           hydrazide  
           RH-5992  
 Trade Confirm

### tebufenpyrad 119168-77-3

Use: acaricide  
 Category: parent  
 Mol. Form.: C18H24ClN3O  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 4-chloro-N-((4-(1,1-dimethylethyl)phenyl)=  
           methyl)-3-ethyl-1-methyl-1H-  
           pyrazole-5-carboxamide  
 ISO tebufenpyrad  
 IUPAC N-(4-tert-butylbenzyl)-4-chloro-3-ethyl-1-  
           methylpyrazole-5-carboxamide  
 Other AC 801,757  
           MK-239

### tebupirimfos 96182-53-5

Use: insecticide  
 Category: parent  
 Mol. Form.: C13H23N2O3PS  
 LMS Code: A59  
 Tolerances: 180.483  
Alternate Names:  
 9CI O-(2-(1,1-dimethylethyl)-5-pyrimidinyl) O-  
           ethyl O-(1-methylethyl)  
           phosphorothioate  
 ISO tebupirimfos  
 IUPAC O-(2-tert-butylpyrimidin-5-yl) O-ethyl O-  
           isopropyl phosphorothioate  
 Other MAT 7484  
           phostebupirim  
 Trade Aztec

### tebuthiuron 34014-18-1

Use: herbicide  
 Category: parent  
 Mol. Form.: C9H16N4OS  
 LMS Code: 780  
 Tolerances: 180.390, foreign use  
Alternate Names:  
 9CI N-(5-(1,1-dimethylethyl)-1,3,4-thiadiazol-  
           2-yl)-N,N'-dimethylurea  
 ANSI tebuthiuron  
 ISO tebuthiuron  
 IUPAC 1-(5-tert-butyl-1,3,4-thiadiazol-2-yl)-1,3-  
           dimethylurea  
 Other tebusan  
 Trade Graslan  
           Spike

### tecloftalam 76280-91-6

Use: bactericide  
 Category: parent  
 Mol. Form.: C14H5Cl6NO3  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 2,3,4,5-tetrachloro-6-[[[(2,3-dichloro=  
           phenyl)amino]carbonyl]benzoic acid  
 ISO tecloftalam  
 IUPAC 2',3,3',4,5,6-hexachlorophthalanilic acid  
           3,4,5,6-tetrachloro-N-(2,3-dichloro=  
           phenyl)phthalamic acid  
 Trade Shiragen

### tecnazene 117-18-0

Use: plant growth regulator  
 Category: parent  
 Mol. Form.: C6HCl4NO2  
 LMS Code: 147  
 Tolerances: revoked  
Alternate Names:  
 9CI 1,2,4,5-tetrachloro-3-nitrobenzene  
 ISO tecnazene  
 IUPAC 1,2,4,5-tetrachloro-3-nitrobenzene  
 Other tetrachloronitrobenzene  
 Trade Fusarex  
           TCNB

### teflubenzuron 83121-18-0

Use: insecticide  
 Category: parent  
 Mol. Form.: C14H6Cl2F4N2O2  
 LMS Code:  
 Tolerances: pending, foreign use  
Alternate Names:  
 9CI N-(((3,5-dichloro-2,4-difluorophenyl)=  
           amino)carbonyl)-2,6-difluoro=  
           benzamide  
 IUPAC 1-(3,5-dichloro-2,4-difluorophenyl)-3-(2,6-  
           difluorobenzoyl)urea  
 Other teflubenzuron  
           tefluron  
 Trade Dart  
           Diaract  
           Nomolt

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### tefluthrin 79538-32-2

Use: insecticide  
 Category: parent  
 Mol. Form.: C17H14ClF7O2  
 LMS Code: B26  
 Tolerances: 180.440, foreign use  
Alternate Names:  
 9CI (2,3,5,6-tetrafluoro-4-methylphenyl)=  
       methyl-3-(2-chloro-3,3,3-trifluoro-1-  
       propenyl)-2,2-dimethylcyclo=  
       propanecarboxylate, (1 A,3 A(Z))-(±)-  
 ANSI tefluthrin  
 ISO tefluthrin  
 IUPAC 2,3,5,6-tetrafluoro-4-methylbenzyl (Z)-  
       (1RS)-cis-3-(2-chloro-3,3,3-  
       trifluoroprop-1-enyl)-2,2-  
       dimethylcyclopropanecarboxylate  
       2,3,5,6-tetrafluoro-4-methylbenzyl (Z)-  
       (1RS,3RS)-3-(2-chloro-3,3,3-  
       trifluoroprop-1-enyl)-2,2-  
       dimethylcyclopropanecarboxylate  
 Other PP 993  
       R 151993  
 Trade Force

### temephos 3383-96-8

Use: insecticide  
 Category: parent  
 Mol. Form.: C16H20O6P2S3  
 LMS Code: 749  
 Tolerances: revoked  
Alternate Names:  
 9CI O,O,O',O'-tetramethyl O,O'-(thiodi-4,1-  
       phenylene) phosphorothioate  
 ANSI temephos  
 ISO temephos  
 IUPAC O,O,O',O'-tetramethyl O,O'-thiodi-p-  
       phenylene bis(phosphorothioate)  
       O,O,O',O'-tetramethyl O,O'-thiodi-p-  
       phenylene diphosphorothioate  
 Other biothion  
       temefos  
 Trade Abate

### TEPP 107-49-3

Use: insecticide  
 Category: parent  
 Mol. Form.: C8H20O7P2  
 LMS Code: 088  
 Tolerances: revoked  
Alternate Names:  
 9CI tetraethyl diphosphate  
 ISO TEPP  
 IUPAC tetraethyl pyrophosphate  
 Other ethyl pyrophosphate  
 Trade Tetron  
       Vapoton

### tepraloxym 149979-41-9

Use: herbicide  
 Category: parent  
 Mol. Form.: C17H24ClNO4  
 LMS Code:  
 Tolerances: 180.573  
Alternate Names:  
 9CI 2-(1-(((3-chloro-2-propenyl)oxy)imino)=  
       propyl)-3-hydroxy-5-(tetrahydro-2H-  
       pyran-4-yl)-2-cyclohexen-1-one,  
       (E,Z)-  
 ISO tepraloxym  
 IUPAC 2-{1-[(2E)-3-chloroallyloxyimino]propyl}-3-  
       hydroxy-5-perhydropyran-4-  
       cyclohex-2-en-1-one, (EZ)-(RS)-  
 Trade BAS 620 H

### terallethrin 15589-31-8

Use: insecticide  
 Category: parent  
 Mol. Form.: C17H24O3  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 2-methyl-4-oxo-3-(2-propenyl)-2-  
       cyclopenten-1-yl 2,2,3,3-tetra=  
       methylcyclopropanecarboxylate  
 ISO terallethrin  
 IUPAC 3-allyl-2-methyl-4-oxocyclopent-2-enyl  
       2,2,3,3-tetramethylcyclopropane=  
       carboxylate, (RS)-

### terbacil 5902-51-2

Use: herbicide  
 Category: parent  
 Mol. Form.: C9H13ClN2O2  
 LMS Code: 152  
 Tolerances: 180.209, foreign use  
Alternate Names:  
 9CI 5-chloro-3-(1,1,-dimethylethyl)-6-methyl-  
       2,4(1H,3H)-pyrimidinedione  
 ANSI terbacil  
 ISO terbacil  
 IUPAC 3-tert-butyl-5-chloro-6-methyluracil  
 Other DPX-D732  
 Trade Sinbar

### terbucarb 1918-11-2

Use: herbicide  
 Category: parent  
 Mol. Form.: C17H27NO2  
 LMS Code:  
 Tolerances: foreign use?  
Alternate Names:  
 9CI 2,6-bis(1,1-dimethylethyl)-4-methylphenyl  
       methylcarbamate  
 IUPAC 2,6-di-tert-butyl-p-tolyl methylcarbamate  
 Other terbucarb  
 Trade Azak  
       Terbutol

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<p><b>terbufos</b> <span style="float: right;"><b>13071-79-9</b></span>            Use: insecticide            Category: parent            Mol. Form.: C9H21O2PS3            LMS Code: 205            Tolerances: 180.352, foreign use  <u>Alternate Names:</u>            9CI S-(((1,1-dimethylethyl)thio)methyl) O,O-diethyl phosphorodithioate            ANSI terbufos            ISO terbufos            IUPAC S-tert-butylthiomethyl O,O-diethyl phosphorodithioate            Trade Counter</p>	<p><b>tetrachlorothioanisole</b> <span style="float: right;"><b>68671-90-9</b></span>            Use:            Category: metabolite            Mol. Form.: C7H4Cl4S            LMS Code: 534            Tolerances: revoked  <u>Alternate Names:</u>            9CI 1,2,4,5-tetrachloro-3-(methylthio)benzene            Other tecnazene metabolite            tetrachlorothioanisole</p>
<p><b>terbumeton</b> <span style="float: right;"><b>33693-04-8</b></span>            Use: herbicide            Category: parent            Mol. Form.: C10H19N5O            LMS Code: 894            Tolerances: foreign use  <u>Alternate Names:</u>            9CI N-(1,1-dimethylethyl)-N'-ethyl-6-methoxy-1,3,5-triazine-2,4-diamine            ISO terbumeton            IUPAC N2-tert-butyl-N4-ethyl-6-methoxy-1,3,5-triazine-2,4-diamine            Trade Caragard</p>	<p><b>tetraconazole</b> <span style="float: right;"><b>112281-77-3</b></span>            Use: fungicide            Category: parent            Mol. Form.: C13H11Cl2F4N3O            LMS Code:            Tolerances: 180.557, foreign use  <u>Alternate Names:</u>            9CI 1-(2-(2,4-dichlorophenyl)-3-(1,1,2,2-tetrafluoroethoxy)propyl)-1H-1,2,4-triazole, (±)-            ISO tetraconazole            IUPAC 2-(2,4-dichlorophenyl)-3-(1H-1,2,4-triazol-1-yl)propyl 1,1,2,2-tetrafluoroethyl ether, (RS)-            Other M 14360            Trade Eminent</p>
<p><b>terbuthylazine</b> <span style="float: right;"><b>5915-41-3</b></span>            Use: herbicide            Category: parent            Mol. Form.: C9H16N5Cl            LMS Code: 678            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI 6-chloro-N-(1,1-dimethylethyl)-N'-ethyl-1,3,5-triazine-2,4-diamine            ANSI terbuthylazine            ISO terbuthylazine            IUPAC N2-tert-butyl-6-chloro-N4-ethyl-1,3,5-triazine-2,4-diamine            Other GS-13529            Trade Gardoprim</p>	<p><b>tetradifon</b> <span style="float: right;"><b>116-29-0</b></span>            Use: insecticide            Category: parent            Mol. Form.: C12H6Cl4O2S            LMS Code: 108            Tolerances: 180.174, foreign use  <u>Alternate Names:</u>            9CI 1,2,4-trichloro-5-((4-chlorophenyl)sulfonyl)benzene            ANSI tetradifon            ISO tetradifon            IUPAC 2,4,4',5-tetrachlorodiphenyl sulfone 4-chlorophenyl 2,4,5-trichlorophenyl sulfone            Other p-chlorophenyl 2,4,5-trichlorophenyl sulfone            2,4,5,4'-tetrachlorodiphenyl sulfone            2,4,5,4'-tetrachlorodiphenylsulphone            tetradichlone            tetrafidon            V-18            Trade Tedion</p>
<p><b>terbutryn</b> <span style="float: right;"><b>886-50-0</b></span>            Use: herbicide            Category: parent            Mol. Form.: C10H19N5S            LMS Code: 738            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine            ANSI terbutryn            ISO terbutryn            IUPAC N2-tert-butyl-N4-ethyl-6-methylthio-1,3,5-triazine-2,4-diamine            Other terbutryne            Trade Igran</p>	<p><b>tetraiodoethylene</b> <span style="float: right;"><b>513-92-8</b></span>            Use: fungicide            Category: parent            Mol. Form.: C2I4            LMS Code: 096            Tolerances: revoked  <u>Alternate Names:</u>            9CI tetraiodoethene            Other tetraiodoethylene</p>



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**tetramethrin** **7696-12-0**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>19</sub>H<sub>25</sub>NO<sub>4</sub>  
 LMS Code: 947  
 Tolerances:  
Alternate Names:  
 9CI (1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isoindol-2-yl)methyl 2,2,-dimethyl-3-(2-methyl-1-propenyl)cyclopropane=carboxylate  
 ANSI tetramethrin  
 ISO tetramethrin  
 IUPAC cyclohex-1-ene-1,2-dicarboximidomethyl (1RS)-cis-trans-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropane=carboxylate  
 cyclohex-1-ene-1,2-dicarboximidomethyl (1RS,3RS;1RS,3SR)-2,2-dimethyl-3-(2-methyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate  
 cyclohex-1-ene-1,2-dicarboximidomethyl (±)-cis-trans-chrysanthemate  
 Trade Neopynamin  
 Phthalthrin

**tetrapion** **22898-01-7**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>3</sub>H<sub>4</sub>F<sub>4</sub>O<sub>2</sub>•Na  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI sodium 2,2,3,3-tetrafluoropropanoate  
 IUPAC sodium 2,2,3,3-tetrafluoropropionate  
 Other flupropanate  
 tetrapion  
 Trade Frenock

**tetrasul** **2227-13-6**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>12</sub>H<sub>6</sub>Cl<sub>4</sub>S  
 LMS Code: 676  
 Tolerances: revoked  
Alternate Names:  
 9CI 1,2,4-trichloro-5-((4-chlorophenyl)thio)=benzene  
 ISO tetrasul  
 IUPAC 2,4,4',5-tetrachlorodiphenyl sulfide  
 4-chlorophenyl 2,4,5-trichlorophenyl sulfide  
 Other chlorophenyl-2,4,5-trichlorophenyl sulfide,  
 p-  
 Trade Animert

**tetrasul sulfoxide** **35850-29-4**  
 Use:  
 Category: metabolite  
 Mol. Form.: C<sub>12</sub>H<sub>6</sub>Cl<sub>4</sub>OS  
 LMS Code:  
 Tolerances: revoked  
Alternate Names:  
 9CI 1,2,4-trichloro-5-((4-chlorophenyl)=sulfinyl)benzene  
 Other 2,4,5,4'-tetrachlorophenylsulphoxide  
 5-((4-chlorophenyl)sulfinyl)-1,2,4-trichlorobenzene  
 Animert sulfoxide  
 chlorophenyl 2,4,5-trichlorophenyl sulfoxide, p-  
 tetrasul sulfoxide  
 V110

**thenylchlor** **96491-05-3**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>16</sub>H<sub>18</sub>ClNO<sub>2</sub>S  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 2-chloro-N-(2,6-dimethylphenyl)-N-((3-methoxy-2-thienyl)methyl)acetamide  
 ISO thenylchlor  
 IUPAC 2-chloro-N-(3-methoxy-2-thenyl)-2',6'-dimethylacetanilide  
 Other NSK-850

**thiabendazole** **148-79-8**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>10</sub>H<sub>7</sub>N<sub>3</sub>S  
 LMS Code: 157  
 Tolerances: 180.242, 185.5550, 186.5550, foreign use  
Alternate Names:  
 9CI 2-(4-thiazolyl)-1H-benzimidazole  
 ISO thiabendazole  
 IUPAC 2-(1,3-thiazol-4-yl)benzimidazole  
 2-(thiazol-4-yl)benzimidazole  
 Other tiabendazole  
 Trade Apl-luster  
 Bioguard  
 TBZ

**thiacloprid** **111988-49-9**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>10</sub>H<sub>9</sub>ClN<sub>4</sub>S  
 LMS Code: B68  
 Tolerances: pending  
Alternate Names:  
 9CI (3-((6-chloro-3-pyridinyl)methyl)-2-thiazolidinylidene)cyanamide  
 ISO thiacloprid  
 IUPAC 3-(6-chloro-3-pyridylmethyl)-1,3-thiazolidin-2-ylidenecyanamide, (Z)-  
 Other YRC 2894

## FDA Glossary of Pesticide Chemicals

<p><b>thiamethoxam</b> <span style="float: right;"><b>153719-23-4</b></span>            Use: insecticide            Category: parent            Mol. Form.: C<sub>8</sub>H<sub>10</sub>ClN<sub>5</sub>O<sub>3</sub>S            LMS Code: B43            Tolerances: 180.565  <u>Alternate Names:</u>            9CI 3-((2-chloro-5-thiazolyl)methyl)tetrahydro-5-methyl-N-nitro-4H-1,3,5-oxadiazin-4-imine            ISO thiamethoxam            IUPAC 3-(2-chloro-1,3-thiazol-5-ylmethyl)-5-methyl-1,3,5-oxadiazinan-4-ylidene(nitro)amine            Other CGA-293343</p>	<p><b>thidiazuron</b> <span style="float: right;"><b>51707-55-2</b></span>            Use: plant growth regulator            Category: parent            Mol. Form.: C<sub>9</sub>H<sub>8</sub>N<sub>4</sub>O<sub>5</sub>            LMS Code: 794            Tolerances: 180.403, 186.5600, foreign use  <u>Alternate Names:</u>            9CI N-phenyl-N'-1,2,3-thiadiazol-5-yl-urea            ANSI thidiazuron            ISO thidiazuron            IUPAC 1-phenyl-3-(1,2,3-thiadiazol-5-yl)urea            Trade Dropp</p>
<p><b>thiazopyr</b> <span style="float: right;"><b>117718-60-2</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>16</sub>H<sub>17</sub>F<sub>5</sub>N<sub>2</sub>O<sub>2</sub>S            LMS Code: B12            Tolerances: 180.496  <u>Alternate Names:</u>            9CI methyl 2-(difluoromethyl)-5-(4,5-dihydro-2-thiazolyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-3-pyridine=carboxylate            ANSI thiazopyr            ISO thiazopyr            IUPAC methyl 2-difluoromethyl-5-(4,5-dihydro-1,3-thiazol-2-yl)-4-isobutyl-6-trifluoromethylnicotinate            Other MON-13200</p>	<p><b>thifensulfuron methyl ester</b> <span style="float: right;"><b>79277-27-3</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>12</sub>H<sub>13</sub>N<sub>5</sub>O<sub>6</sub>S<sub>2</sub>            LMS Code:            Tolerances: 180.439, foreign use  <u>Alternate Names:</u>            9CI methyl 3-((((4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino)carbonyl)amino)=sulfonyl)-2-thiophenecarboxylate            ANSI thifensulfuron methyl ester            ISO thifensulfuron-methyl            IUPAC methyl 3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)carbamoylsulfamoyl=thiophene-2-carboxylate            Other DPX-M6316            Trade Harmony            Pinnacle</p>
<p><b>thicyofen</b> <span style="float: right;"><b>116170-30-0</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>8</sub>H<sub>5</sub>ClN<sub>2</sub>O<sub>2</sub>S            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 3-chloro-5-(ethylsulfinyl)-2,4-thiophenedicarbonitrile            ISO thicyofen            IUPAC 3-chloro-5-ethylsulfinylthiophene-2,4-dicarbonitrile, (RS)-            Other PH 51-07            Trade DU 510311</p>	<p><b>thifluzamide</b> <span style="float: right;"><b>130000-40-7</b></span>            Use: fungicide            Category: parent            Mol. Form.: C<sub>13</sub>H<sub>6</sub>Br<sub>2</sub>F<sub>6</sub>N<sub>2</sub>O<sub>2</sub>S            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI N-(2,6-dibromo-4-(trifluoromethoxy)=phenyl)-2-methyl-4-trifluoromethyl-5-thiazolecarboxamide            ANSI thifluzamide            ISO thifluzamide            IUPAC 2',6'-dibromo-2-methyl-4'-trifluoro=methoxy-4-trifluoromethyl-1,3-thiazole-5-carboxanilide            Other MON 24000</p>
<p><b>thidiazimin</b> <span style="float: right;"><b>123249-43-4</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>18</sub>H<sub>17</sub>FN<sub>4</sub>O<sub>2</sub>S            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 6-((6,7-dihydro-6,6-dimethyl-3H,5H-pyrrolo(2,1-c)(1,2,4)thiadiazol-3-ylidene)amino)-7-fluoro-4-(2-propynyl)-2H-1,4-benzoxazin-3(4H)-one, (Z)-            ISO thidiazimin            IUPAC 6-(6,7-dihydro-6,6-dimethyl-3H,5H-pyrrolo[2,1-c][1,2,4]thiadiazol-3-ylideneamino)-7-fluoro-4-(prop-2-ynyl)-2H-1,4-benzoxazin-3(4H)-one, (Z)-</p>	<p><b>thiobencarb</b> <span style="float: right;"><b>28249-77-6</b></span>            Use: herbicide            Category: parent            Mol. Form.: C<sub>12</sub>H<sub>16</sub>ClNOS            LMS Code: 726            Tolerances: 180.401, foreign use  <u>Alternate Names:</u>            9CI S-((4-chlorophenyl)methyl) diethyl=carbamothioate            ANSI thiobencarb            ISO thiobencarb            IUPAC S-4-chlorobenzyl diethyl(thiocarbamate)            Other benthio carb            Trade Bolero            Saturn</p>

## FDA Glossary of Pesticide Chemicals

### thiocyclam-hydrogen oxalate 31895-22-4

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>5</sub>H<sub>11</sub>NS<sub>3</sub>•C<sub>2</sub>H<sub>2</sub>O<sub>4</sub>  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI N,N-dimethyl-1,2,3-trithian-5-amine  
           ethanedioate (1:1)  
 ISO thiocyclam-hydrogen oxalate  
 Other dimethyl 1,2,3-trithian-5-yl amine  
           hydrogen oxalate  
           dimethylamino-1,2,3-trithiane hydrogen  
           oxalate  
           SAN 155  
 Trade Evisect  
           Evisekt

### thiodicarb 59669-26-0

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>10</sub>H<sub>18</sub>N<sub>4</sub>O<sub>4</sub>S<sub>3</sub>  
 LMS Code: 943  
 Tolerances: 180.407, 186.5650, foreign use  
Alternate Names:  
 9CI dimethyl N,N'-(thiobis((methylimino)=  
           carbonyloxy))bis(ethanimidothioate)  
 ANSI thiodicarb  
 ISO thiodicarb  
 IUPAC 3,7,9,13-tetramethyl-5,11-dioxa-2,8,14-  
           trithia-4,7,9,12-tetra-azapentadeca-  
           3,12-diene-6,10-dione  
 Trade Larvin

### thiofanox 39196-18-4

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>9</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>S  
 LMS Code:  
 Tolerances: pending, foreign use  
Alternate Names:  
 9CI 3,3-dimethyl-1-(methylthio)-2-butanone O-  
           ((methylamino)carbonyl)oxime  
 ANSI thiofanox  
 ISO thiofanox  
 IUPAC 1-(2,2-dimethyl-1-methylthiomethyl=  
           propylideneamino-oxy)-N-methyl=  
           formamide  
           3,3-dimethyl-1-methylthiobutanone O-  
           methylcarbamoxyloxime  
 Other thiofanocarb  
 Trade Dacamox

### thiometon 640-15-3

Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>6</sub>H<sub>15</sub>O<sub>2</sub>PS<sub>3</sub>  
 LMS Code: 949  
 Tolerances: foreign use  
Alternate Names:  
 9CI S-(2-(ethylthio)ethyl) O,O-dimethyl  
           phosphorodithioate  
 ISO thiometon  
 IUPAC S-2-ethylthioethyl O,O-dimethyl  
           phosphorodithioate  
 Trade Ekaton

### thionazin 297-97-2

Use: insecticide/fumigant  
 Category: parent  
 Mol. Form.: C<sub>8</sub>H<sub>13</sub>N<sub>2</sub>O<sub>3</sub>PS  
 LMS Code: 250  
 Tolerances: revoked  
Alternate Names:  
 9CI O,O-diethyl O-pyrazinyl phosphorothioate  
 ISO thionazin  
 IUPAC O,O-diethyl O-pyrazin-2-yl phosphoro=  
           thioate  
 Trade Cynem  
           Nemafos  
           Zinophos

### thiophanate 23564-06-9

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>14</sub>H<sub>18</sub>N<sub>4</sub>O<sub>4</sub>S<sub>2</sub>  
 LMS Code: 610  
 Tolerances: 180.371, 186.5700, foreign use  
Alternate Names:  
 9CI diethyl (1,2-phenylenebis(iminocarbono=  
           thioyl))bis(carbamate)  
 ISO thiophanate  
 IUPAC diethyl 4,4'-(o-phenylene)bis(3-thio=  
           allophanate)  
 Trade Cercobin  
           Topsin

### thiophanate-methyl 23564-05-8

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>12</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub>S<sub>2</sub>  
 LMS Code: 611  
 Tolerances: 180.371, 186.5700, foreign use  
Alternate Names:  
 9CI dimethyl (1,2-phenylenebis(iminocarbono=  
           thioyl))bis(carbamate)  
 ANSI thiophanate-methyl  
 ISO thiophanate-methyl  
 IUPAC dimethyl 4,4'-(o-phenylene)bis(3-  
           thioallophanate)  
 Trade Cercobin M  
           Spot Kleen  
           Topsin M

### thiram 137-26-8

Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>6</sub>H<sub>12</sub>N<sub>2</sub>S<sub>4</sub>  
 LMS Code: 089  
 Tolerances: 180.132, foreign use  
Alternate Names:  
 9CI tetramethylthioperoxydicarbonic diamide  
 ISO thiram  
 IUPAC bis(dimethylthiocarbonyl) disulfide  
           tetramethylthiuram disulfide  
 Other TMTD  
 Trade Pomarsol  
           Tersan

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<p><b>tiocarbazil</b> <span style="float: right;"><b>36756-79-3</b></span>            Use: herbicide            Category: parent            Mol. Form.: C16H25NOS            LMS Code:            Tolerances: foreign use  <u>Alternate Names:</u>            9CI bis(1-methylpropyl) S-(phenylmethyl)                      carbamothioate            ISO tiocarbazil            IUPAC S-benzyl di-sec-butylthiocarbamate            Other M 3432            Trade Drepamon</p>	<p><b>toxaphene</b> <span style="float: right;"><b>8001-35-2</b></span>            Use: insecticide            Category: parent            Mol. Form.: C10H10Cl8            LMS Code: 090            Tolerances: revoked, foreign use  <u>Alternate Names:</u>            9CI toxaphene            ISO camphechlor            IUPAC reaction mixture of chlorinated camphenes                      containing 67-69% chlorine            Other chlorinated camphene            Trade Phenatox                      Toxakil</p>
<p><b>tolclofos-methyl</b> <span style="float: right;"><b>57018-04-9</b></span>            Use: fungicide            Category: parent            Mol. Form.: C9H11Cl2O3PS            LMS Code: B70            Tolerances: foreign use  <u>Alternate Names:</u>            9CI O-(2,6-dichloro-4-methylphenyl) O,O-                      dimethyl phosphorothioate            ISO tolclofos-methyl            IUPAC O-2,6-dichloro-p-tolyl O,O-dimethyl                      phosphorothioate            Other S-3349            Trade Rizolex</p>	<p><b>tralkoxydim</b> <span style="float: right;"><b>87820-88-0</b></span>            Use: herbicide            Category: parent            Mol. Form.: C20H27NO3            LMS Code: A85            Tolerances: 180.548, foreign use  <u>Alternate Names:</u>            9CI 2-(1-(ethoxyimino)propyl)-3-hydroxy-5-                      (2,4,6-trimethylphenyl)-2-                      cyclohexen-1-one            ISO tralkoxydim            IUPAC 2-[1-(ethoxyimino)propyl]-3-hydroxy-5-                      mesitylcyclohex-2-enone            Trade Achieve                      Grasp                      Splendor</p>
<p><b>tolfenpyrad</b> <span style="float: right;"><b>129558-76-5</b></span>            Use: insecticide            Category: parent            Mol. Form.: C21H22ClN3O2            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 4-chloro-3-ethyl-1-methyl-N-((4-(4-                      methylphenoxy)phenyl)methyl)-1H-                      pyrazole-5-carboxamide            ISO tolfenpyrad            IUPAC 4-chloro-3-ethyl-1-methyl-N-[4-(p-                      tolylloxy)benzyl]pyrazole-5-                      carboxamide            Other OMI-88</p>	<p><b>tralomethrin</b> <span style="float: right;"><b>66841-25-6</b></span>            Use: insecticide            Category: parent            Mol. Form.: C22H19Br4NO3            LMS Code: 755            Tolerances: 180.422, foreign use  <u>Alternate Names:</u>            9CI cyano(3-phenoxyphenyl)methyl 2,2-                      dimethyl-3-(1,2,2,2-tetrabromoethyl)                      cyclopropanecarboxylate            ANSI tralomethrin            ISO tralomethrin            IUPAC cyano-3-phenoxybenzyl (1R)-cis-2,2-                      dimethyl-3-[(RS)-1,2,2,2-tetra=                      bromoethyl]cyclopropane=                      carboxylate, (S)-<math>\alpha</math>-                      cyano-3-phenoxybenzyl (1R,3S)-2,2-                      dimethyl-3-[(RS)-1,2,2,2-tetra=                      bromoethyl]cyclopropane=                      carboxylate, (S)-<math>\alpha</math>-            Trade Scout</p>
<p><b>tolyfluanid</b> <span style="float: right;"><b>731-27-1</b></span>            Use: fungicide            Category: parent            Mol. Form.: C10H13ClFNOS            LMS Code: 649            Tolerances: 180.584, foreign use  <u>Alternate Names:</u>            9CI 1,1-dichloro-N-((dimethylamino)sulfonyl)-                      1-fluoro-N-(4-methylphenyl)=                      methanesulfonamide            ISO tolyfluanid            IUPAC N-dichlorofluoromethylthio-N',N'-dimethyl-                      N-p-tolylsulfamide            Other BAY 49854                      BAY 5712a            Trade Euparen M</p>	

## FDA Glossary of Pesticide Chemicals

**transfluthrin** **118712-89-3**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>15</sub>H<sub>12</sub>Cl<sub>2</sub>F<sub>4</sub>O<sub>2</sub>  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI (2,3,5,6-tetrafluorophenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate, (1R-trans)-  
 ISO transfluthrin  
 IUPAC 2,3,5,6-tetrafluorobenzyl (1R)-trans-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate  
 2,3,5,6-tetrafluorobenzyl (1R,3S)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate  
 Other NAK 4455

**transpermethrin** **52341-32-9**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>21</sub>H<sub>20</sub>Cl<sub>2</sub>O<sub>3</sub>  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI (3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate, trans-  
 ISO transpermethrin  
 IUPAC 3-phenoxybenzyl (1RS)-trans-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate  
 3-phenoxybenzyl (1RS,3SR)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate

**tri-allate** **2303-17-5**  
 Use: herbicide  
 Category: parent  
 Mol. Form.: C<sub>10</sub>H<sub>16</sub>Cl<sub>3</sub>NOS  
 LMS Code: 621  
 Tolerances: 180.314, foreign use  
Alternate Names:  
 9CI S-(2,3,3-trichloro-2-propenyl) bis(1-methylethyl)carbamoithioate  
 ISO tri-allate  
 IUPAC S-2,3,3-trichloroallyl di-isopropylthiocarbamate  
 Other S-2,3,3-trichloroallyl diisopropylthiocarbamate  
 triallate  
 Trade Avadex BW  
 Far-Go

**triacontanol** **593-50-0**  
 Use:  
 Category: parent  
 Mol. Form.: C<sub>30</sub>H<sub>62</sub>O  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 1-triacontanol  
 Other triacontanol  
 Trade Miraculan  
 Well-Bloom

**triadimefon** **43121-43-3**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>14</sub>H<sub>16</sub>ClN<sub>3</sub>O<sub>2</sub>  
 LMS Code: 608  
 Tolerances: 180.410, revoked, revoked, foreign use  
Alternate Names:  
 9CI 1-(4-chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone  
 ISO triadimefon  
 IUPAC 1-(4-chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)butan-2-one  
 Other BAY-MEB 6447  
 Trade Amiral  
 Bayleton

**triadimenol** **55219-65-3**  
 Use: fungicide  
 Category: parent  
 Mol. Form.: C<sub>14</sub>H<sub>18</sub>ClN<sub>3</sub>O<sub>2</sub>  
 LMS Code: 638  
 Tolerances: 180.450, 180.410, foreign use  
Alternate Names:  
 9CI (4-chlorophenoxy)-α-(1,1-dimethyl-ethyl)1H-1,2,4-triazole-1-ethanol, β-  
 ISO triadimenol  
 IUPAC 1-(4-chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)butan-2-ol, (1RS,2RS;1RS,2SR)-  
 Other triadimefon metabolite  
 Trade Bayfidan  
 Baytan  
 Summit

**triapenthenol** **76608-88-3**  
 Use: plant growth regulator  
 Category: parent  
 Mol. Form.: C<sub>15</sub>H<sub>25</sub>N<sub>3</sub>O  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI (cyclohexylmethylene)-α-(1,1-dimethyl-ethyl)-1H-1,2,4-triazole-1-ethanol, (E)-β-  
 ISO triapenthenol  
 IUPAC 1-cyclohexyl-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pent-1-en-1-ol, (E)-(RS)-  
 Trade Baronet

**triarathene** **65691-00-1**  
 Use: insecticide  
 Category: parent  
 Mol. Form.: C<sub>22</sub>H<sub>15</sub>ClS  
 LMS Code:  
 Tolerances: temporary  
Alternate Names:  
 9CI 5-(4-chlorophenyl)-2,3-diphenylthiophene  
 ISO triarathene  
 IUPAC 5-(4-chlorophenyl)-2,3-diphenylthiophene  
 Trade Micromite



## FDA Glossary of Pesticide Chemicals

<p><b>triasulfuron</b> <span style="float: right;"><b>82097-50-5</b></span>            Use: herbicide            Category: parent            Mol. Form.: C14H16ClN5O5S            LMS Code:            Tolerances: 180.459, foreign use  <u>Alternate Names:</u>            9CI 2-(2-chloroethoxy)-N-(((4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino)=carbonyl)benzenesulfonamide            ISO triasulfuron            IUPAC 1-[2-(2-chloroethoxy)phenylsulfonyl]-3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)urea            Other CGA-131036            Trade Amber            Logran</p>	<p><b>triaxophos</b> <span style="float: right;"><b>24017-47-8</b></span>            Use: insecticide/fumigant            Category: parent            Mol. Form.: C12H16N3O3PS            LMS Code: 536            Tolerances: foreign use  <u>Alternate Names:</u>            9CI O,O-diethyl O-(1-phenyl-1H-1,2,4-triazol-3-yl) phosphorothioate            ISO triaxophos            IUPAC O,O-diethyl O-1-phenyl-1H-1,2,4-triazol-3-yl phosphorothioate            Trade Hostathion</p>
<p><b>triazamate</b> <span style="float: right;"><b>112143-82-5</b></span>            Use: insecticide            Category: parent            Mol. Form.: C13H22N4O3S            LMS Code: A86            Tolerances: 180.536  <u>Alternate Names:</u>            9CI ethyl ((1-((dimethylamino)carbonyl)-3-(1,1-dimethylethyl)-1H-1,2,4-triazol-5-yl)thio)acetate            ANSI triazamate (prop)            ISO triazamate            IUPAC ethyl (3-tert-butyl-1-dimethylcarbamoyl-1H-1,2,4-triazol-5-ylthio)acetate            Other ethyl (3-tert-butyl-1-dimethylcarbamoyl-1H-1,2,4-triazol-5-ylthio)acetate            RH-7988            Trade Aphistar</p>	<p><b>triazoxide</b> <span style="float: right;"><b>72459-58-6</b></span>            Use: fungicide            Category: parent            Mol. Form.: C10H6ClN5O            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 7-chloro-3-(1H-imidazol-1-yl)-1,2,4-benzotriazine-1-oxide            ISO triazoxide            IUPAC 7-chloro-3-imidazol-1-yl-1,2,4-benzotriazine 1-oxide            Other SAS 9244</p>
<p><b>triaziflam</b> <span style="float: right;"><b>131475-57-5</b></span>            Use: herbicide            Category: parent            Mol. Form.: C17H24FN5O            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI N-(2-(3,5-dimethylphenoxy)-1-methyl=ethyl)-6-(1-fluoro-1-methylethyl)-1,3,5-triazine-2,4-diamine            ISO triaziflam            IUPAC N-[2-(3,5-dimethylphenoxy)-1-methyl=ethyl]-6-(1-fluoro-1-methylethyl)-1,3,5-triazine-2,4-diamine, (RS)-            Other IDH-1105</p>	<p><b>tribenuron methyl ester</b> <span style="float: right;"><b>101200-48-0</b></span>            Use: herbicide            Category: parent            Mol. Form.: C15H17N5O6S            LMS Code:            Tolerances: 180.451, foreign use  <u>Alternate Names:</u>            9CI methyl 2-((((4-methoxy-6-methyl-1,3,5-triazin-2-yl)methyl)amino)carbonyl)=amino)sulfonyl) benzoate            ANSI tribenuron methyl ester            ISO tribenuron-methyl            IUPAC methyl 2-[4-methoxy-6-methyl-1,3,5-triazin-2-yl(methyl)carbamoyl=sulfamoyl]benzoate            Other DPX-L5300            Trade Express</p>
<p><b>triazofenamide</b> <span style="float: right;"><b>85830-77-9</b></span>            Use: herbicide            Category: parent            Mol. Form.: C16H14N4O            LMS Code:            Tolerances:  <u>Alternate Names:</u>            9CI 1-(3-methylphenyl)-5-phenyl-1H-1,2,4-triazole-3-carboxamide            ISO triazofenamide            Other KNW-242</p>	<p><b>tribufos</b> <span style="float: right;"><b>78-48-8</b></span>            Use: herbicide/plant growth regulator            Category: parent            Mol. Form.: C12H27OPS3            LMS Code: 217            Tolerances: 180.272, 186.5800, foreign use  <u>Alternate Names:</u>            9CI S,S,S-tributyl phosphorotrithioate            ISO tribufos            IUPAC S,S,S-tributyl phosphorotrithioate            Trade De-Green            DEF            E-Z-Off D</p>

## FDA Glossary of Pesticide Chemicals

**trichlamide** **70193-21-4**

Use: fungicide  
 Category: parent  
 Mol. Form.: C13H16Cl3NO3  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI N-(1-butoxy-2,2,2-trichloroethyl)-2-hydroxybenzamide  
 ISO trichlamide  
 IUPAC N-(1-butoxy-2,2,2-trichloroethyl)=salicylamide, (RS)-  
 Trade Hataclean

**trichlophenidin** **53720-80-2**

Use: insecticide  
 Category: parent  
 Mol. Form.: C16H13Cl5N2  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 1,3-bis-(3-chlorophenyl)-2-(trichloromethyl)imidazolidine  
 ISO trichlophenidin

**trichlorfon** **52-68-6**

Use: insecticide  
 Category: parent  
 Mol. Form.: C4H8Cl3O4P  
 LMS Code: 130  
 Tolerances: 180.198, 186.2325, foreign use  
Alternate Names:  
 9CI dimethyl (2,2,2-trichloro-1-hydroxyethyl)phosphonate  
 ISO trichlorfon  
 IUPAC dimethyl 2,2,2-trichloro-1-hydroxyethylphosphonate  
 Other chlorophos  
 DEP  
 metrifonate  
 metriphosphate  
 trichlorphon  
 Trade Dipterex  
 Dylox  
 Neguvon

**trichlorobenzyl chloride** **1344-32-7**

Use: herbicide  
 Category: parent  
 Mol. Form.: C6H2Cl4  
 LMS Code:  
 Tolerances: revoked  
Alternate Names:  
 9CI trichloro(chloromethyl)benzene  
 Other TCBC  
 trichlorobenzyl chloride

**trichloroisocyanuric acid** **87-90-1**

Use: fumigant  
 Category: parent  
 Mol. Form.: C3Cl3N3O3  
 LMS Code:  
 Tolerances: pending  
Alternate Names:  
 9CI 1,3,5-trichloro-1,3,5-triazine-2,4,6(1H,3H,5H)-trione  
 Other 1,3,5-trichloro-2,4,6-trioxohexahydro-s-triazine  
 1,3,5-trichloro-s-triazine-2,4,6(1H,3H,5H)-trione  
 1,3,5-trichloro-s-triazine-2,4,6(1H,3H,5H)-trione  
 1,3,5-trichloro-s-triazinetriene  
 1,3,5-trichloroisocyanuric acid  
 isocyanuric chloride  
 N,N',N''-trichloroisocyanuric acid  
 symclosen  
 symclosene  
 trichloro-s-triazine-2,4,6(1H,3H,5H)-trione  
 trichloro-S-triazinetriene  
 trichloro-s-triazinetriene  
 trichlorocyanuric acid  
 trichloroiminocyanuric acid  
 trichloroisocyanic acid  
 trichloroisocyanurate  
 trichloroisocyanuric acid

**trichloromethanethiol** **594-42-3**

Use:  
 Category: metabolite  
 Mol. Form.: CHSCl3  
 LMS Code: 646  
 Tolerances: 180.191  
Alternate Names:  
 9CI trichloromethanesulfenyl chloride  
 Other folpet metabolite  
 trichloromethanethiol

**triclopyr** **55335-06-3**

Use: herbicide  
 Category: parent  
 Mol. Form.: C7H4Cl3NO3  
 LMS Code: 731  
 Tolerances: 180.417, 185.1000, 186.1000, foreign use  
Alternate Names:  
 9CI ((3,5,6-trichloro-2-pyridinyl)oxy)acetic acid  
 ANSI triclopyr  
 ISO triclopyr  
 IUPAC 3,5,6-trichloro-2-pyridyloxyacetic acid  
 Trade Garlon

**tricyclazole** **41814-78-2**

Use: fungicide  
 Category: parent  
 Mol. Form.: C9H7N3S  
 LMS Code: 804  
 Tolerances: temporary, foreign  
Alternate Names:  
 9CI 5-methyl-1,2,4-triazolo(3,4-b)-benzo-thiazole  
 ANSI tricyclazole  
 ISO tricyclazole  
 IUPAC 5-methyl-1,2,4-triazolo[3,4-b][1,3]benzo-thiazole  
 Other tricyclazone  
 Trade Beam

## FDA Glossary of Pesticide Chemicals

<p><b>tridemorph</b> <span style="float: right;"><b>81412-43-3</b></span>            Use: fungicide            Category: parent            Mol. Form.: C19H39NO            LMS Code: 795            Tolerances: 180.372, foreign use  <u>Alternate Names:</u>            9CI 2,6-dimethyl-4-tridecylmorpholine            ISO tridemorph            IUPAC 2,6-dimethyl-4-tridecylmorpholine            Trade Calixin</p>	<p><b>trifloxysulfuron-sodium</b> <span style="float: right;"><b>199119-58-9</b></span>            Use: herbicide            Category: parent            Mol. Form.: C14H13F3N5O6SNa            LMS Code:            Tolerances: pending  <u>Alternate Names:</u>            9CI N-[[[(4,6-dimethoxy-2-pyrimidinyl)amino]=                      carbonyl]-3-(2,2,2-trifluoroethoxy)-2-                      pyridinesulfonamide monosodium                      salt monohydrate            ISO trifloxysulfuron-sodium            IUPAC 1-(4,6-dimethoxypyrimidin-2-yl)-3-[3-                      (2,2,2-trifluoroethoxy)-2-                      pyridylsulfonyl]urea sodium salt            Trade CGA 362622</p>
<p><b>tridiphane</b> <span style="float: right;"><b>58138-08-2</b></span>            Use: herbicide            Category: parent            Mol. Form.: C10H7Cl5O            LMS Code: 796            Tolerances: 180.424  <u>Alternate Names:</u>            9CI 2-(3,5-dichlorophenyl)-2-(2,2,2-                      trichloroethyl)-oxirane            ANSI tridiphane            ISO tridiphane            IUPAC 2-(3,5-dichlorophenyl)-2-(2,2,2-                      trichloroethyl)oxirane, (RS)-</p>	<p><b>triflumizole</b> <span style="float: right;"><b>68694-11-1</b></span>            Use: fungicide            Category: parent            Mol. Form.: C15H15ClF3N3O            LMS Code: A61            Tolerances: 180.476, 185.--, 186.5850, foreign use  <u>Alternate Names:</u>            9CI 1-(1-((4-chloro-2-(trifluoromethyl)phenyl)=                      imino)-2-propoxyethyl)-1H-                      imidazole, (E)-            ISO triflumizole            IUPAC 4-chloro-<math>\alpha,\alpha,\alpha</math>-trifluoro-N-(1-imidazol-1-yl)-                      2-propoxyethylidene)-o-toluidine,                      (E)-            Other NF-114            Trade Procure                  Trifmine</p>
<p><b>trietazine</b> <span style="float: right;"><b>1912-26-1</b></span>            Use: herbicide            Category: parent            Mol. Form.: C9H16ClN5            LMS Code: 838            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 6-chloro-N,N,N'-triethyl-1,3,5-triazine-2,4-                      diamine            ANSI trietazine            ISO trietazine            IUPAC 6-chloro-N2,N2,N4-triethyl-1,3,5-triazine-                      2,4-diamine            Trade Gesafloc</p>	<p><b>triflumuron</b> <span style="float: right;"><b>64628-44-0</b></span>            Use: insecticide            Category: parent            Mol. Form.: C15H10ClF3N2O3            LMS Code: 864            Tolerances: foreign use  <u>Alternate Names:</u>            9CI 2-chloro-N-(((4-(trifluoromethoxy)phenyl)=                      amino)carbonyl)benzamide            ISO triflumuron            IUPAC 1-(2-chlorobenzoyl)-3-(4-trifluoro=                      methoxyphenyl)urea            Other BAY SIR 8514            Trade Alsystin</p>
<p><b>trifloxystrobin</b> <span style="float: right;"><b>221007-60-9</b></span>            Use: fungicide            Category: parent            Mol. Form.: C20H19F3N2O4            LMS Code:            Tolerances: 180.555  <u>Alternate Names:</u>            9CI methyl (<math>\alpha</math>E)-<math>\alpha</math>-(methoxyimino)-2-(((1-(3-                      (trifluoromethyl)phenyl)ethenyl)=                      amino)oxy)methyl)-benzeneacetate            IUPAC methyl (E)-methoxyimino-(E)-<math>\alpha</math>-[1-(<math>\alpha,\alpha,\alpha</math>-                      trifluoro-m-tolyl)ethylideneamino=                      oxy]-o-tolyl}acetate            Other CGA 279202                  trifloxystrobin                  trifloxysulfuron</p>	<p><b>trifluralin</b> <span style="float: right;"><b>1582-09-8</b></span>            Use: herbicide            Category: parent            Mol. Form.: C13H16F3N3O4            LMS Code: 151            Tolerances: 180.207, foreign use  <u>Alternate Names:</u>            9CI 2,6-dinitro-N,N-dipropyl-4-(trifluoro=                      methyl)benzenamine            ANSI trifluralin            ISO trifluralin            IUPAC trifluoro-2,6-dinitro-N,N-dipropyl-p-                      toluidine, <math>\alpha,\alpha,\alpha</math>-            Trade Treflan</p>

## FDA Glossary of Pesticide Chemicals

**triflurosulfuron methyl ester** **126535-15-7**

Use: herbicide  
 Category: parent  
 Mol. Form.: C17H19F3N6O6S  
 LMS Code: A62  
 Tolerances: 180.492  
Alternate Names:  
 9CI methyl 2-((((4-(dimethylamino)-6-(2,2,2-trifluoroethoxy)-1,3,5-triazin-2-yl)amino)carbonyl)amino)sulfonyl-3-methylbenzoate  
 ANSI triflurosulfuron methyl ester  
 ISO triflurosulfuron-methyl  
 IUPAC methyl 2-[4-(dimethylamino)-6-(2,2,2-trifluoroethoxy)-1,3,5-triazin-2-ylcarbonylsulfamoyl]-m-toluic acid  
 Other DPX-66037

**triforine** **26644-46-2**

Use: fungicide  
 Category: parent  
 Mol. Form.: C10H14Cl6N4O2  
 LMS Code: 915  
 Tolerances: 180.382, 185.5950, 186.5950, foreign use  
Alternate Names:  
 9CI N,N'-(1,4-piperazinediylbis(2,2,2-trichloroethylidene))bis(formamide)  
 ANSI triforine  
 ISO triforine  
 IUPAC 1,1'-piperazine-1,4-diyl-di-[N-(2,2,2-trichloroethyl)formamide]  
 N,N'-{piperazine-1,4-diylbis[(trichloromethyl)methylene]}diformamide  
 Other biformylchlorazin  
 Trade Cela W-524  
 Funginex  
 Saprol

**trimethacarb** **12407-86-2**

Use: insecticide  
 Category: parent  
 Mol. Form.: C11H15NO2  
 LMS Code: 194  
 Tolerances: revoked  
Alternate Names:  
 9CI 2,3,5 (or 3,4,5)-trimethylphenyl methylcarbamate  
 ANSI trimethacarb  
 ISO trimethacarb  
 IUPAC 3,4,5-trimethylphenyl methylcarbamate and 2,3,5-trimethylphenyl methylcarbamate  
 Other trimethylphenyl methylcarbamate  
 Trade Broot  
 Landrin  
 SD 8530

**trimorphamide** **60029-23-4**

Use:  
 Category: parent  
 Mol. Form.: C7H11Cl3N2O2  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI N-(2,2,2-trichloro-1-(4-morpholinyl)ethyl)formamide  
 Other trimorphamide  
 Trade Fademorf

**trinexapac-ethyl** **95266-40-3**

Use: plant growth regulator  
 Category: parent  
 Mol. Form.: C13H16O5  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI ethyl 4-(cyclopropylhydroxymethylene)-3,5-dioxocyclohexanecarboxylate  
 ISO trinexapac-ethyl  
 IUPAC ethyl 4-cyclopropyl(hydroxy)methylene-3,5-dioxocyclohexanecarboxylate  
 Other 4-(cyclopropyl- $\alpha$ -hydroxymethylene)-3,5-dioxo-cyclohexanecarboxylic acid ethyl ester  
 CGA-163935  
 Trade Moddus  
 Nomow  
 Primo  
 Vision

**triphenyltin acetate** **900-95-8**

Use: fungicide  
 Category: parent  
 Mol. Form.: C20H18O2Sn  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI (acetyloxy)triphenylstannane  
 ISO fentin acetate  
 IUPAC acetoxy-triphenylstannane  
 Other fentinacetat  
 triphenyltin acetate  
 Trade Brestan

**triphenyltin hydroxide** **76-87-9**

Use: fungicide  
 Category: parent  
 Mol. Form.: C18H16O3Sn  
 LMS Code: 773  
 Tolerances: 180.236, foreign use  
Alternate Names:  
 9CI hydroxytriphenylstannane  
 ISO fentin hydroxide  
 IUPAC triphenyltin hydroxide  
 Trade Du-ter

**trisodium arsenate** **13464-38-5**

Use: insecticide  
 Category: parent  
 Mol. Form.: AsNa3O4  
 LMS Code: 080  
 Tolerances: revoked, foreign use  
Alternate Names:  
 9CI trisodium arsenate  
 Other arsenic acid, trisodium salt  
 sodium arsenate

## FDA Glossary of Pesticide Chemicals

### triticonazole 131983-72-7

Use: fungicide  
 Category: parent  
 Mol. Form.: C17H20CIN3O  
 LMS Code:  
 Tolerances: 180.583

Alternate Names:

9CI 5-((4-chlorophenyl)methylene)-2,2-dimethyl-1-(1H-1,2,4-triazole-1-ylmethyl)cyclopentanol

ISO triticonazole

IUPAC 5-(4-chlorobenzylidene)-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol, (RS)-(E)-

### Tycor 64529-56-2

Use: herbicide  
 Category: parent  
 Mol. Form.: C9H16N4OS  
 LMS Code: A63  
 Tolerances:

Alternate Names:

9CI 4-amino-6-(1,1-dimethylethyl)-3-(ethylthio)-1,2,4-triazin-5(4H)-one

Other Bay SMY 1500

ethiozin

ethozin

Trade Tycor

## U

### UDMH 57-14-7

Use:  
 Category: metabolite  
 Mol. Form.: C2H8N2  
 LMS Code: 631

Tolerances: foreign use

Alternate Names:

9CI 1,1-dimethylhydrazine

Other daminozide metabolite  
 dimazine

UDMH

unsymmetrical dimethyl hydrazine

### uniconazole 83657-22-1

Use: growth retardant  
 Category: parent  
 Mol. Form.: C15H18CIN3O  
 LMS Code:  
 Tolerances: foreign use

Alternate Names:

9CI ((4-chlorophenyl)methylene)- $\alpha$ -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol, (E)-( $\pm$ )- $\beta$ -

ANSI uniconazole

ISO uniconazole

IUPAC 1-(4-chlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pent-1-en-3-ol, (E)-(RS)-

Trade Prunit  
 Sumagic

## V

### validamycin 37248-47-8

Use: fungicide  
 Category: parent  
 Mol. Form.: C20H35NO13  
 LMS Code:  
 Tolerances: foreign use

Alternate Names:

9CI 1,5,6-trideoxy-4-o-beta-D-glucopyranosyl-5-(hydroxymethyl)-1-((4,5,6-trihydroxy-3-(hydroxymethyl)-2-cyclohexen-1-yl)amino)-D-chiro-inositol, (1S-(1a,4a,5b,5a))-

IUPAC 1L-(1,3,4/2,6)-2,3-dihydroxy-6-hydroxymethyl-4-[(1S,4R,5S,6S)-4,5,6-trihydroxy-3-hydroxymethyl=cyclohex-2-enylamino]cyclohexyl  $\beta$ -D-glucopyranoside

Other validamycin

Trade Validacin

### vamidothion 2275-23-2

Use: insecticide  
 Category: parent  
 Mol. Form.: C8H18NO4PS2  
 LMS Code:  
 Tolerances: foreign use

Alternate Names:

9CI O,O-dimethyl S-2-((1-methyl-2-(methyl=amino)-2-oxoethyl)thio)ethyl phosphorothioate

ISO vamidothion

IUPAC O,O-dimethyl S-2-(1-methylcarbamoyl=ethylthio)ethyl phosphorothioate

Trade Kilval

Trucidor

Vamidoate

### vernolate 1929-77-7

Use: herbicide  
 Category: parent  
 Mol. Form.: C10H21NOS  
 LMS Code: 201  
 Tolerances: revoked, foreign use

Alternate Names:

9CI S-propyl dipropylcarbamothioate

ISO vernolate

IUPAC S-propyl dipropylthiocarbamate

Trade Vernam

### vinclozolin 50471-44-8

Use: fungicide  
 Category: parent  
 Mol. Form.: C12H9Cl2NO3  
 LMS Code: 529  
 Tolerances: 180.380, foreign use

Alternate Names:

9CI 3-(3,5-dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione

ISO vinclozolin

Other vinclozolin metabolite B, methylated

Trade Ronilan



## FDA Glossary of Pesticide Chemicals

### X

**XMC** **2655-14-3**

Use: insecticide  
 Category: parent  
 Mol. Form.: C10H13NO2  
 LMS Code: 861  
 Tolerances: foreign use  
Alternate Names:  
 9CI 3,5-dimethylphenyl methylcarbamate  
 IUPAC 3,5-xylyl methylcarbamate  
 Other XMC  
 Trade Cosban  
 Macbal  
 Maqbal

**xylachlor** **63114-77-2**

Use: herbicide  
 Category: parent  
 Mol. Form.: C13H18ClNO  
 LMS Code:  
 Tolerances: temporary  
Alternate Names:  
 9CI 2-chloro-N-(2,3-dimethylphenyl)-N-(1-methylethyl)acetamide  
 IUPAC 2-chloro-N-isopropylacet-2',3'-xylidide  
 Other xylachlor

**xylylcarb** **2425-10-7**

Use: insecticide  
 Category: parent  
 Mol. Form.: C10H13NO2  
 LMS Code:  
 Tolerances: foreign use  
Alternate Names:  
 9CI 3,4-dimethylphenyl methylcarbamate  
 ISO xylylcarb  
 IUPAC 3,4-xylyl methylcarbamate  
 Other MPMC  
 Trade Meobal

### Z

**zarilamid** **84527-51-5**

Use: fungicide  
 Category: parent  
 Mol. Form.: C11H11ClN2O2  
 LMS Code:  
 Tolerances:  
Alternate Names:  
 9CI 4-chloro-N-(cyanoethoxymethyl)benzamide  
 ISO zarilamid  
 IUPAC 4-chloro-N-[cyano(ethoxy)methyl]benzamide, (RS)-  
 Other ICIA0001  
 PP 001

**zinc phosphide** **1314-84-7**

Use: rodenticide  
 Category: parent  
 Mol. Form.: Zn3P2  
 LMS Code:  
 Tolerances: 180.284, foreign use  
Alternate Names:  
 9CI zinc phosphide  
 IUPAC trizinc diphosphide  
 Trade Delusal

**zineb** **12122-67-7**

Use: fungicide  
 Category: parent  
 Mol. Form.: (C4H6N2S4Zn)x  
 LMS Code: 092  
 Tolerances: revoked, foreign use  
Alternate Names:  
 9CI ((1,2-ethanediyldis(carbamodithioato))(2-))zinc  
 ISO zineb  
 IUPAC zinc ethylenebis(dithiocarbamate) (polymeric)  
 Other zinc ethylenebis(dithiocarbamate)  
 Trade Dithane Z-78  
 Lonacol

**ziram** **137-30-4**

Use: fungicide  
 Category: parent  
 Mol. Form.: C6H12N2S4Zn  
 LMS Code: 093  
 Tolerances: 180.116, foreign use  
Alternate Names:  
 9CI bis(dimethylcarbamodithioato-S,S') zinc  
 ISO ziram  
 IUPAC zinc bis(dimethyldithiocarbamate)  
 Other zinc dimethyldithiocarbamate

**zoxamide** **156052-68-5**

Use: fungicide  
 Category: parent  
 Mol. Form.: C14H16Cl3NO2  
 LMS Code: B44  
 Tolerances: 180.567  
Alternate Names:  
 9CI 3,5-dichloro-N-(3-chloro-1-ethyl-1-methyl-2-oxopropyl)-4-methylbenzamide  
 IUPAC 3,5-dichloro-N-(3-chloro-1-ethyl-1-methyl-2-oxopropyl)-p-toluamide, (RS)-  
 Other RH-117281  
 zoxamide

- 2-(1,3-benzothiazol-2-yloxy)-N-methylacetanilide:  
**Use:** mefenacet
- 5'-acetamido-2',4'-dimethyltrifluoromethane=  
sulfonanilide: **Use:** mefluidide
- CH 3635: **Use:** cloxifenolom
- ethyl (RS)-2-[4-(6-chloro-1,3-benzoxazol-2-yloxy)=  
phenoxy]propionate: **Use:** fenoxaprop ethyl ester
- methyl (RS)-2-[4-(3-chloro-5-trifluoromethyl-2-  
pyridyloxy)phenoxy]propionate: **Use:** haloxyfop  
methyl ester
- p-chlorophenyl 2,4,5-trichlorophenyl sulfone:  
**Use:** tetradifon
- sesoxane: **Use:** sesamex
- sodium metaarsenite: **Use:** sodium arsenite
- [1R-[1alpha[S\*(Z)],3beta]]-2-methyl-4-oxo-3-(2-  
pentenyl)-2-cyclopenten-1-yl 2,2-dimethyl-3-(2-  
methyl-1-propenyl)cyclopropanecarboxylate:  
**Use:** jasmolin I
- ((1-methyl-1,2-ethanediy)bis(carbamodithioato))(2-  
))zinc: **Use:** propineb
- ((diethoxyphosphinothioyl)oxy)imino)benzeneacetoneitrile,  
 $\alpha$ -: **Use:** phoxim
- ((1,2-ethanediy)bis(carbamodithioato))(2-))manganese:  
**Use:** maneb
- ((1,2-ethanediy)bis(carbamodithioato))(2-))manganese  
mixture with ((1,2-ethandiy)bis(carbamo=  
dithioate))(2-))zinc: **Use:** mancozeb
- ((1,2-ethanediy)bis(carbamodithioato))(2-))zinc:  
**Use:** zineb
- ((2,4)-dichlorophenyl)methylene)- $\alpha$ -(1,1-dimethylethyl)-  
1H-1,2,4-triazole-1-ethanol, (E)-( $\pm$ )- $\beta$ -:  
**Use:** diniconazole
- ((3,5,6-trichloro-2-pyridinyl)oxy)acetic acid:  
**Use:** triclopyr
- ((4-amino-3,5-dichloro-6-fluoro-2-pyridinyl)oxy) acetic  
acid: **Use:** fluoxypypr
- ((4-chlorophenyl)methyl)- $\alpha$ -(1,1-dimethylethyl)-1H-  
1,2,4-triazole-1-ethanol, (R\*,R\*)-( $\pm$ )- $\beta$ -:  
**Use:** paclobutrazol
- ((4-chlorophenyl)methylene)- $\alpha$ -(1,1-dimethylethyl)-1H-  
1,2,4-triazole-1-ethanol, (E)-( $\pm$ )- $\beta$ -:  
**Use:** uniconazole
- ((benzoylamino)oxy)acetic acid: **Use:** benzadox
- (1,1'-biphenyl)-2-ol: **Use:** phenylphenol, o-
- (1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isoindol-2-  
yl)methyl 2,2-dimethyl-3-(2-methyl-1-  
propenyl)cyclopropanecarboxylate:  
**Use:** tetramethrin
- (1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-  
ylenebismethylene) sulfite: **Use:** endosulfan
- (1-aminopropyl)phosphonic acid, ( $\pm$ )-: **Use:** ampropylfos
- (1E)-2-chloro-1-(2,4-dichlorophenyl)ethenyl phosphoric  
acid diethyl ester: **Use:** chlorfenvinphos, alpha-
- (1E)-[2-[[6-(2-chlorophenoxy)-5-fluoro-4-  
pyrimidinyl]oxy]phenyl][5,6-dihydro-1,4,2-dioxazin-  
3-yl)methanone O-methylxime: **Use:** fluoxastrobin
- (1S)-2—methyl-1-[[[1-(4-methylphenyl)ethyl]amino]=  
carbonyl]propyl] carbamic acid 1-methylethyl ester:  
**Use:** iprovalicarb
- (1Z)-2-chloro-1-(2,4-dichlorophenyl)ethenyl phosphoric  
acid diethyl ester: **Use:** chlorfenvinphos, beta-
- (2,3,5,6-tetrafluoro-4-methylphenyl)methyl-3-(2-  
chloro-3,3,3-trifluoro-1-propenyl)-2,2-  
dimethylcyclopropanecarboxylate, (1 A,3 A(Z))-( $\pm$ )-:  
**Use:** tefluthrin
- (2,3,5,6-tetrafluorophenyl)methyl 3-(2,2-dichloro=  
ethenyl)-2,2-dimethylcyclopropanecarboxylate, (1R-  
trans)-: **Use:** transfluthrin
- (2,3,6-trichlorophenyl)acetic acid: **Use:** fenac
- (2,4,5-trichlorophenoxy)acetic acid: **Use:** 2,4,5-T
- (2,4-dichlorophenoxy)acetic acid: **Use:** 2,4-D
- (2,4-dichlorophenyl)(1,3-dimethyl-5-(((4-  
methylphenyl)sulfonyl)oxy)-1H-pyrazol-4-  
yl)methanone: **Use:** pyrazolynate
- (2-(4-chlorophenyl)ethyl)- $\alpha$ -(1,1-dimethylethyl)-1H-  
1,2,4-triazol-1-ethanol, ( $\pm$ )- $\alpha$ -: **Use:** tebuconazole
- (2-(4-chlorophenyl)ethyl)- $\alpha$ -phenyl-1H-1,2,4-triazole-1-  
propanenitrile,  $\alpha$ -: **Use:** fenbuconazole
- (2-aminoethanol-N,O)-copper(1+): **Use:** copper  
monoethanolamine
- (2-benzothiazolylthio)methyl thiocyanate: **Use:** TCMTB
- (2-chloro-N-2,6-xylylacetyl)- $\gamma$ -butyrolactone, (RS)-  
 $\alpha$ -: **Use:** ofurace
- (2-chloroethyl)methylbis(phenylmethoxy)silane:  
**Use:** Silaid
- (2-chloroethyl)phosphonic acid: **Use:** ethephon
- (2-chloroethyl)trimethylammonium chloride:  
**Use:** chlormequat chloride
- (2-chlorophenyl) (4-chlorophenyl)methanone:  
**Use:** dichlorobenzophenone, o,p'-
- (2-chlorophenyl)- $\alpha$ -(4-chlorophenyl)-5-  
pyrimidinemethanol,  $\alpha$ -: **Use:** fenarimol
- (2-chlorophenyl)- $\alpha$ -(4-fluorophenyl)-5-  
pyrimidinemethanol, ( $\pm$ )- $\alpha$ -: **Use:** nuarimol
- (2-ethylthiomethyl-phenyl)-N-methylcarbamate:  
**Use:** ethiofencarb
- (2-fluorophenyl)- $\alpha$ -(4-fluorophenyl)-1H-1,2,4-triazole-1-  
ethanol,  $\alpha$ -: **Use:** flutriafol
- (2-methyl(1,1'-biphenyl)-3-yl)methyl 3-(2-chloro-3,3,3-  
trifluoro-1-propenyl)-2,2-dimethylcyclopropane=  
carboxylate: **Use:** bifenthrin
- (2-methyl-1S(((1SR-(4-methylphenyl)ethyl)amino)=  
carbonyl)propyl)carbamic acid-1-methylethyl ester:  
**Use:** iprovalicarb
- (2-naphthalenyloxy)acetic acid:  
**Use:** (2-naphthyloxy)acetic acid
- (2-naphthyloxy)acetic acid: **Use:** (2-naphthyloxy)acetic  
acid
- (3-((6-chloro-3-pyridinyl)methyl)-2-thiazolidinylidene)=  
cyanamide: **Use:** thiacloprid
- (3-(4,5-dihydro-isoxazol-3-yl)-4-methanesulfonyl-2-  
methylphenyl)-(5-hydroxy-1-methyl-1H-pyrazol-4-  
yl)methanone: **Use:** BAS 670 H
- (3-chlorophenoxy)propionamide,  $\alpha$ -:  
**Use:** 2-(m-chlorophenoxy)propionamide
- (3-phenoxyphenyl)methyl 2,2-dimethyl-3-(2-methyl-1-  
propenyl)cyclopropanecarboxylate: **Use:** phenothrin
- (3-phenoxyphenyl)methanol:  
**Use:** 3-phenoxybenzenemethanol
- (3-phenoxyphenyl)methyl 3-(2,2,-dichloroethenyl)-2,2-  
dimethylcyclopropanecarboxylate: **Use:** permethrin
- (3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-  
dimethylcyclopropanecarboxylate, trans-:  
**Use:** transpermethrin
- (4"R)-5-O-demethyl-4"-deoxy-4"-  
(methylamino)avermectin A1a benzoate (salt) +  
(4"R)-5-O-demethyl-25-de(1-methylpropyl)-4"-  
deoxy-4"-deoxy-4"-deoxy-4"-deoxy-4"-deoxy-4"-  
(methylamino)-25-(1-meth-  
**Use:** emamectin benzoate (salt)

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- (4-aminophenyl)arsonic acid: **Use:** arsanilic acid
- (4-chloro-2-(methylsulfonyl)phenyl)(5-cyclopropyl-4-isoxazolyl)-methanone: **Use:** isoxachlortole
- (4-chloro-2-methylphenoxy)acetic acid: **Use:** MCPA
- (4-chloro-2-methylphenoxy)acetic acid: **Use:** MCPA
- (4-chloro-o-toloxo)acetic acid: **Use:** MCPA
- (4-chloro-o-tolyloxy)acetic acid: **Use:** MCPA
- (4-chlorophenoxy)- $\alpha$ -(1,1-dimethylethyl)1H-1,2,4-triazole-1-ethanol,  $\beta$ -: **Use:** triadimenol
- (4-chlorophenoxy)acetic acid: **Use:** 4-CPA
- (4-chlorophenyl)- $\alpha$ -(1-cyclopropylethyl)-1H-1,2,4-triazole-1-ethanol,  $\alpha$ -: **Use:** cyproconazole
- (4-chlorophenyl)methyl N-(2,4-dichlorophenyl)-1H-1,2,4-triazole-1-ethanimidothioate: **Use:** imibenconazole
- (4-ethoxyphenyl)(3-(4-fluoro-3-phenoxyphenyl)=propyl)dimethylsilane: **Use:** silafluofen
- (4-ethoxyphenyl)(3-(4-fluoro-3-phenoxyphenyl)=propyl)dimethylsilane: **Use:** silafluofen
- (4-methylphenyl) arsonic acid: **Use:** (4-methylphenyl) arsonic acid
- (5-(phenylmethyl)-3-furanyl)methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate: **Use:** resmethrin
- (5-(phenylmethyl)-3-furanyl)methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate: **Use:** bioresmethrin
- (5-chloro-8-quinolinyl)oxyacetic acid-1-methylhexyl ester: **Use:** cloquintocet-mexyl
- (5-cyclopropyl-4-isoxazolyl)(2-(methylsulfonyl)-4-(trifluoromethyl)phenyl)methanone: **Use:** isoxaflutole
- (acetyloxy)triphenylstannane: **Use:** triphenyltin acetate
- ( $\beta$ -chloroethyl)trimethylammonium chloride: **Use:** chlormequat chloride
- (carbonato(2-))dihydroxydicopper: **Use:** basic copper carbonate
- (carboxymethylamino)methylphosphonic acid: **Use:** glyphosate
- (cyclohexylmethylene)- $\alpha$ -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol, (E)- $\beta$ -: **Use:** triapenthenol
- (E)-2-chloro-1-(2,4-dichlorophenyl)ethenyl phosphoric acid diethyl ester: **Use:** chlorfenvinphos, alpha-
- (E)-2-chloro-1-(2,4-dichlorophenyl)vinyl phosphoric acid diethyl ester: **Use:** chlorfenvinphos, alpha-
- (E)-{2-[6-(2-chlorophenoxy)-5-fluoropyrimidin-4-yloxy]phenyl}{5,6-dihydro-1,4,2-dioxazin-3-yl)methanone O-methylxime: **Use:** fluoxastrobin
- (EZ)-(RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine: **Use:** dinotefuran
- (methoxyimino)-N-methyl-2-phenoxybenzene=acetamide, (E)- $\alpha$ -: **Use:** metominostrobin
- (N-4,6-dimethylpyrimidin-2-yl)aniline: **Use:** pyrimethanil
- (S)-1-anilino-4-methyl-2-methylthio-4-phenylimidazolin-5-one: **Use:** fenamidone
- (tetrahydro-2-furanyl)methyl 2-(4-((6-chloro-2-quinoxalinyloxy)phenoxy)propanoate: **Use:** quizaalofop-P-tefuryl
- (tetrahydro-2-furanyl)methyl 2-(4-((6-chloro-2-quinoxalinyloxy)phenoxy)propionate: **Use:** quizaalofop-P-tefuryl
- (Z)-(S)-2-methyl-4-oxo-3-(pent-2-enyl)cyclopent-2-enyl (+)-trans-chrysanthemate: **Use:** jasmolin I
- (Z)-(S)-2-methyl-4-oxo-3-(pent-2-enyl)cyclopent-2-enyl (1R)-trans-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate: **Use:** jasmolin I
- (Z)-(S)-2-methyl-4-oxo-3-(pent-2-enyl)cyclopent-2-enyl (1R,3R)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate: **Use:** jasmolin I
- (Z)-(S)-2-methyl-4-oxo-3-(pent-2-enyl)cyclopent-2-enyl (E)-(1R)-trans-3-(2-methoxycarbonylprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate: **Use:** jasmolin II
- (Z)-(S)-2-methyl-4-oxo-3-(pent-2-enyl)cyclopent-2-enyl pyrethrate: **Use:** jasmolin II
- (Z)-2-chloro-1-(2,4-dichlorophenyl)ethenyl phosphoric acid diethyl ester: **Use:** chlorfenvinphos, beta-
- (Z)-2-chloro-1-(2,4-dichlorophenyl)vinyl phosphoric acid diethyl ester: **Use:** chlorfenvinphos, beta-1(3H)-isobenzofuranone: **Use:** phthalide
- 1,1'-(2,2,2-trichloroethylidene)bis(4-chlorobenzene): **Use:** DDT, p,p'
- 1,1'-(2,2,2-trichloroethylidene)bis(4-methoxybenzene): **Use:** methoxychlor
- 1,1'-(2,2-dichloroethylidene)bis(4-chlorobenzene): **Use:** TDE, p,p'
- 1,1'-(2,2-dichloroethylidene)bis(4-ethylbenzene): **Use:** ethylan
- 1,1'-(2,2-dichloroethylidene)bis(4-methoxybenzene): **Use:** 1,1'-(2,2-dichloroethylidene)bis(4-methoxybenzene)
- 1,1'-(2-nitrobutylidene)bis(4-chlorobenzene): **Use:** Bulan
- 1,1'-(2-nitrobutylidene)bis(4-chlorobenzene) mixture with 1,1'-(2-nitropropylidene)bis(4-chlorobenzene): **Use:** Dilan
- 1,1'-(2-nitropropylidene)bis(4-chlorobenzene): **Use:** Prolan
- 1,1'-(dichloroethenylidene)bis(4-chlorobenzene): **Use:** DDE, p,p'
- 1,1'-(dichloroethenylidene)bis(4-methoxybenzene): **Use:** methoxychlor olefin
- 1,1'-biphenyl: **Use:** biphenyl
- 1,1'-bis(3,5-dimethylmorpholinocarbonylmethyl)-4,4'-bipyridinium: **Use:** morfamquat
- 1,1'-bis(3,5-dimethylmorpholinocarbonylmethyl)-4,4'-bipyridylium: **Use:** morfamquat
- 1,1'-bis[2-(3,5-dimethyl-4-morpholinyl)-2-oxoethyl]-4,4'-bipyridinium: **Use:** morfamquat
- 1,1'-dimethyl-4,4'-bipyridinium: **Use:** paraquat
- 1,1'-ethylene-2,2'-bipyridylium: **Use:** diquat
- 1,1'-iminodi(octamethylene)diguanidine: **Use:** iminoctadine
- 1,1'-piperazine-1,4-diyl-di-[N-(2,2,2-trichloroethyl)=formamide]: **Use:** triforine
- 1,1'-[1-L-(1,3,5/2,4,6)-4-[5-deoxy-2-O-(2-deoxy-2-methylamino- $\alpha$ -L-glucopyranosyl)-3-C-formyl- $\alpha$ -L-lyxofuranosyloxy]-2,5,6-trihydroxycyclohex-1,3-ylene]digua: **Use:** streptomycin
- 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane: **Use:** DDT, p,p'
- 1,1,1-trichloro-2,2-bis(4-methoxyphenyl)ethane: **Use:** methoxychlor
- 1,1,1-trifluoro-2'-methyl-4'-(phenylsulfonyl)methane=sulfonanilide: **Use:** perfluidone

- 1,1,1-trifluoro-N-(2-methyl-4-(phenylsulfonyl)phenyl)methanesulfonamide: **Use:** perfluidone
- 1,1,1-trifluoro-N-(4-phenylsulfonyl-tolyl)methanesulfonamide: **Use:** perfluidone
- 1,1-bis(4-chlorophenyl)-2-nitrobutane: **Use:** Bulan
- 1,1-bis(4-chlorophenyl)-2-nitropropane: **Use:** Prolan
- 1,1-bis(p-chlorophenyl)-2,2,2-trichloroethanol: **Use:** dicofol
- 1,1-dichloro-2,2-bis(4-ethylphenyl)ethane: **Use:** ethylan
- 1,1-dichloro-2,2-bis(p-ethylphenyl)ethane: **Use:** ethylan
- 1,1-dichloro-N-((dimethylamino)sulfonyl)-1-fluoro-N-(4-methylphenyl)methanesulfonamide: **Use:** tolylfuanid
- 1,1-dichloro-N-((dimethylamino)sulfonyl)-1-fluoro-N-phenylmethanesulfonamide: **Use:** dichlofuanid
- 1,1-dimethyl-2-oxo-2-(2-propenyloxy)ethyl 2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]benzoate: **Use:** butafenacil
- 1,1-dimethyl-3-( $\alpha,\alpha,\alpha$ -trifluoro-m-tolyl)urea: **Use:** fluometuron
- 1,1-dimethyl-3-(perhydro-4,7-methanoinden-5-yl)urea: **Use:** norea
- 1,1-dimethyl-3-phenylurea: **Use:** fenuron
- 1,1-dimethylethyl 4-(((1,3-dimethyl-5-phenoxy-1H-pyrazol-4-yl)methylene)amino)oxy)methylbenzoate, (E)-: **Use:** fenpyroximate
- 1,1-dimethylhydrazine: **Use:** UDMH
- 1,1-dimethylpiperidinium chloride: **Use:** mepiquat chloride
- 1,1-methylethyl phenylcarbamate: **Use:** propham
- 1,1a,2,2,3,3a,4,5,5a,5b,6-dodecachlorooctahydro-1,3,4-metheno-1H-cyclobuta(cd)pentale: **Use:** mirex
- 1,1a,3,3a,4,5,5a,6-decachlorooctahydro-1,3,4-metheno-2H-cyclobuta(cd)pentalen-2-one: **Use:** chlordecone
- 1,2,12,12a-tetrahydro-8,9-dimethoxy-2-(1-methylethenyl)-(1)benzopyrano(3,4-b)furo(2,3-h)(1)benzopyran-6(6aH)-one, (2R-(2 A, 6 A-12a A)):- **Use:** rotenone
- 1,2,3,4,10,10-hexachloro-1,4,4a,5,6,7,8,8a-octahydro-6,7-epoxy-1,4:5,8-dimethanonaphthalene, (1R,4S,4aS,5S,6S,7R,8R,8aR):- **Use:** endrin
- 1,2,3,4,10,10-hexachloro-1,4,4a,5,6,7,8,8a-octahydro-6,7-epoxy-1,4:5,8-dimethanonaphthalene, (1R,4S,4aS,5R,6R,7S,8S,8aR):- **Use:** dieldrin
- 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-1,4:5,8-dimethanonaphthalene, (1R,4S,4aS,5S,8R,8aR):- **Use:** aldrin
- 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-1,4:5,8-dimethanonaphthalene, (1 A, 4 A, 4a B, 5 A, 8 A, 8a B):- **Use:** aldrin
- 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-endo-1,4-exo-5,8-dimethano-naphthalene: **Use:** dieldrin
- 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-exo-1,4-exo-5,8-dimethanonaphthalene: **Use:** endrin
- 1,2,3,4,5,6,7,8,8-nonachloro-2,3,3a,4,7,7a-hexahydro-4,7-methano-1H-indene, (1 A, 2 A, 3 A, 3a A, 4 B, 7 B, 7a A):- **Use:** nonachlor, cis-
- 1,2,3,4,5,6,7,8,8-nonachloro-2,3,3a,4,7,7a-hexahydro-4,7-methano-1H-indene, (1 A, 2 B, 3 A, 3a A, 4 B, 7 B, 7a A):- **Use:** nonachlor, trans-
- 1,2,3,4,5,6-hexachlorocyclohexane: **Use:** BHC
- 1,2,3,4,5,6-hexachlorocyclohexane, (1A, 2 A, 3 B, 4 A, 5 A,6 B):- **Use:** lindane
- 1,2,3,4-tetrachloro-5-(methylthio)benzene: **Use:** 2,3,4,5-tetrachlorothioanisole
- 1,2,3-benzothiadiazole-7-carbothioic acid, S-methyl ester: **Use:** acibenzolar-S-methyl
- 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methano-1H-indene, (1R,2R,3aS,4S,7R,7aS)-rel:- **Use:** chlordane, trans-
- 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methano-1H-indene: **Use:** chlordane
- 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methano-1H-indene: **Use:** Compound K
- 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methano-1H-indene, (1 A, 2 B, 3a A, 4 B, 7 B, 7a A):- **Use:** chlordane, trans-
- 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methano-1H-indene, (1 A, 2 A, 3a A, 4 B, 7 B, 7a A):- **Use:** chlordane, cis-
- 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methano-1H-indene, (1R,2S,3aS,4S,7R,7aS)-rel:- **Use:** chlordane, cis-
- 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methanoindene: **Use:** Compound K
- 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methanoindene: **Use:** chlordane
- 1,2,4,5-tetrachloro-3-(methylthio)benzene: **Use:** tetrachlorothioanisole
- 1,2,4,5-tetrachloro-3-methoxybenzene: **Use:** 2,3,5,6-tetrachloroanisole
- 1,2,4,5-tetrachloro-3-nitrobenzene: **Use:** tecnazene
- 1,2,4-trichloro-5-((4-chlorophenyl)sulfinyl)benzene: **Use:** tetrasul sulfoxide
- 1,2,4-trichloro-5-((4-chlorophenyl)sulfonyl)benzene: **Use:** tetradifon
- 1,2,4-trichloro-5-((4-chlorophenyl)thio)benzene: **Use:** tetrasul
- 1,2,5,6-tetrahydro-4H-pyrrolo(3.2.1-ij)quinolin-4-one: **Use:** pyroquilon
- 1,2,5,6-tetrahydropyrrolo[3,2,1-ij]quinolin-4-one: **Use:** pyroquilon
- 1,2,6,6a,12,12a-hexahydro-2-isopropenyl-8,9-dimethoxychromeno[3,4-b]furo[2,3-h]chromen-6-one, (2R,6aS,12aS):- **Use:** rotenone
- 1,2-dibromo-2,2-dichloroethyl dimethyl phosphate: **Use:** naled
- 1,2-dibromo-2,2-dichloroethyl dimethyl phosphate: **Use:** naled
- 1,2-dibromo-3-chloropropane: **Use:** dibromochloropropane
- 1,2-dibromoethane: **Use:** ethylene dibromide
- 1,2-dichloroethane: **Use:** ethylene dichloride
- 1,2-dichloropropane: **Use:** dichloropropane
- 1,2-dihydro-2,2,4-trimethylquinolin-6-yl ethyl ether: **Use:** ethoxyquin
- 1,2-dihydro-3,6-pyridazinedione: **Use:** maleic hydrazide
- 1,2-dihydropyridazine-3,6-dione: **Use:** maleic hydrazide
- 1,2-dimethyl-3,5-diphenyl-1H-pyrazolium methyl sulfate: **Use:** difenzoquat methyl sulfate
- 1,2-epoxypropane: **Use:** propylene oxide



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- 1,3,4/2,5,6-1-deoxy-2,3,4,5,6-pentahydroxycyclohexyl 2-amino-2,3,4,6-tetradeoxy-4-( $\alpha$ -iminoglycino)- $\alpha$ -D-arabino-hexopyranoside, 1L-: **Use:** kasugamycin
- 1,3,5-trichloro-1,3,5-triazine-2,4,6(1H,3H,5H)-trione: **Use:** trichloroisocyanuric acid
- 1,3,5-trichloro-2,4,6-trioxohexahydro-s-triazine: **Use:** trichloroisocyanuric acid
- 1,3,5-trichloro-2-(4-nitrophenoxy)benzene: **Use:** chlornitrofen
- 1,3,5-trichloro-s-triazine-2,4,6(1H,3H,5H)-trione: **Use:** trichloroisocyanuric acid
- 1,3,5-trichloro-s-triazinetrione: **Use:** trichloroisocyanuric acid
- 1,3,5-trichloroisocyanuric acid: **Use:** trichloroisocyanuric acid
- 1,3-(1-methyl-2-pyrrolidyl)pyridine sulfate: **Use:** nicotine sulfate
- 1,3-bis-(3-chlorophenyl)-2-(trichloromethyl)=imidazolidine: **Use:** trichlophenidin
- 1,3-dichloro-1-propene: **Use:** 1,3-dichloropropene
- 1,3-dichloropropene: **Use:** 1,3-dichloropropene
- 1,3-dichloropropene, (E)-: **Use:** 1,3-dichloropropene, trans-
- 1,3-dichloropropene, (EZ)-: **Use:** 1,3-dichloropropene
- 1,3-dichloropropene, (Z)-: **Use:** 1,3-dichloropropene, cis-
- 1,3-dichloropropene, cis-: **Use:** 1,3-dichloropropene, cis-
- 1,3-dichloropropene, trans-: **Use:** 1,3-dichloropropene, trans-
- 1,3-dicyanotetrachlorobenzene: **Use:** chlorothalonil
- 1,3-dioxolan-2-ylmethoxyimino(phenyl)acetoneitrile, (Z)-: **Use:** oxabetrinil
- 1,4,5,6,7,7-hexachloro-5-norbornene-2,3-dimethanol cyclic sulfite, endo-: **Use:** endosulfan I
- 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methano-1H-indene: **Use:** heptachlor
- 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene: **Use:** heptachlor
- 1,4-dichloro-2,5-dimethoxybenzene: **Use:** chloroneb
- 1,4-epoxy-p-menth-2-yl 2-methylbenzyl ether, (1RS,2SR,4SR)-: **Use:** cinmethylin
- 1,4-hendecanolide: **Use:** dihydro-5-heptyl-2(3H)-furanone
- 1,4-nonalolide: **Use:** dihydro-5-pentyl-2(3H)-furanone
- 1,4-nonyl lactone: **Use:** dihydro-5-pentyl-2(3H)-furanone
- 1,4-undecanolide: **Use:** dihydro-5-heptyl-2(3H)-furanone
- 1,5,6-trideoxy-4-o-beta-D-glucopyranosyl-5-(hydroxymethyl)-1-((4,5,6-trihydroxy-3-(hydroxymethyl)-2-cyclohexen-1-yl)amino)-D-chiro-inositol, (1S-(1a,4a,5b,5a))-: **Use:** validamycin
- 1-(((2,4-dichlorophenyl)amino)carbonyl)cyclopropane=carboxylic acid: **Use:** cyclanilide
- 1-((2-(2,4-dichlorophenyl)-4-ethyl-1,3-dioxolan-2-yl)methyl)-1H-1,2,4-triazole: **Use:** etaconazole
- 1-((2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl)methyl)-1H-1,2,4-triazole: **Use:** propiconazole
- 1-((2-(2,4-dichlorophenyl)tetrahydro-5-(2,2,2-trifluoroethoxy)-2-furanyl)methyl)-1H-1,2,4-triazole, cis-: **Use:** furconazole-cis
- 1-((2-(2-chloro-4-(4-chlorophenoxy)phenyl)-4-methyl-1,3-dioxolan-2-yl)methyl)-1H-1,2,4-triazole: **Use:** difenoconazole
- 1-((2-(4-(bromodifluoromethoxy)phenyl)-2-methylpropoxy)methyl)-3-phenoxybenzene: **Use:** halfenprox
- 1-((2-(4-ethoxyphenyl)-2-methylpropoxy)methyl)-3-phenoxybenzene: **Use:** etofenprox
- 1-((3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl)=methyl)-1H-1,2,4-triazole, cis-: **Use:** epoxiconazole
- 1-((4-bromo-2-(2,4-dichlorophenyl)tetrahydro-2-furanyl)methyl)-1H-1,2,4-triazole: **Use:** bromuconazole
- 1-((6-chloro-3-pyridinyl)methyl)-N-nitro-4,5-dihydro-1H-imidazol-2-amine: **Use:** imidacloprid
- 1-((bis(4-fluorophenyl)methylsilyl)methyl)1H-1,2,4-triazole: **Use:** flusilazole
- 1-(1,1-dimethylethyl)-2-(4-ethylbenzoyl)hydrazide 3,5-dimethylbenzoate: **Use:** tebufenozide
- 1-(1,3-benzothiazol-2-yl)-1,3-dimethylurea : **Use:** methabenzthiazuron
- 1-(1,3-benzothiazol-2-yl)-3-methylurea: **Use:** benzthiazuron
- 1-(1-((4-chloro-2-(trifluoromethyl)phenyl)imino)-2-propoxyethyl)-1H-imidazole, (E)-: **Use:** triflumizole
- 1-(1-methyl-1-phenylethyl)-3-p-tolylurea: **Use:** daimuron
- 1-(2,2-dimethyl-1-methylthiomethylpropylideneamino-oxo)-N-methylformamide: **Use:** thiofanox
- 1-(2,4-dichloro- $\beta$ -propylphenethyl)-1H-1,2,4-triazole: **Use:** penconazole
- 1-(2,4-dichloroanilinocarbonyl)cyclopropanecarboxylic acid: **Use:** cyclanilide
- 1-(2,4-dichlorophenyl)-2-(3-pyridinyl)ethanone O-methylxime: **Use:** pyrifenox
- 1-(2,4-dichlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)-pent-1-en-3-ol, (E)-(RS)-: **Use:** diniconazole
- 1-(2,4-dichlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pentan-3-ol,(2RS,3RS)-: **Use:** diclobutrazol
- 1-(2,4-dichlorophenylaminocarbonyl)cyclopropane carboxylic acid: **Use:** cyclanilide
- 1-(2,6-dichloro-4-(trifluoromethyl)phenyl)-4-nitro-1H-pyrazol-5-amine: **Use:** nipyraclofen
- 1-(2,6-dichloro- $\alpha,\alpha,\alpha$ -trifluoro-p-tolyl)-4-nitropyrazol-5-ylamine: **Use:** nipyraclufen
- 1-(2-(2,4-dichlorophenyl)-2-(2-propenyloxy)ethyl)-1H-imidazole: **Use:** imazalil
- 1-(2-(2,4-dichlorophenyl)-3-(1,1,2,2-tetrafluoroethoxy)propyl)-1H-1,2,4-triazole, ( $\pm$ ): **Use:** tetraconazole
- 1-(2-(2,4-dichlorophenyl)pentyl)-1H-1,2,4-triazole: **Use:** penconazole
- 1-(2-chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine, (E)-: **Use:** clothianidin
- 1-(2-chloro-4-pyridyl)-3-phenylurea: **Use:** forchlorfenuron
- 1-(2-chlorobenzoyl)-3-(4-trifluoromethoxyphenyl)urea: **Use:** triflumuron
- 1-(2-chlorobenzyl)-3-(1-methyl-1-phenylethyl)urea: **Use:** cumyluron
- 1-(2-chloroimidazol[1,2-a]pyridin-3-ylsulfonyl)-3-(4,6-dimethoxypyrimidin-2-yl)urea: **Use:** imazosulfuron



- 1-(2-chlorophenylsulfonyl)-3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)urea: **Use:** chlorsulfuron
- 1-(2-cyano-2-methoxyiminoacetyl)-3-ethylurea: **Use:** cymoxanil
- 1-(2-ethoxyethoxy)-2-(1-(3,4-(methylenedioxy)=phenoxy)ethoxy)ethane : **Use:** sesamex
- 1-(2-methylcyclohexyl)-3-phenylurea: **Use:** siduron
- 1-(3,5-dichloro-2,4-difluorophenyl)-3-(2,6-difluorobenzoyl)urea: **Use:** teflubenzuron
- 1-(3-(4-(1,1-dimethylphenyl)-2-methylpropyl)=piperidine: **Use:** fenpropidin
- 1-(3-methylphenyl)-5-phenyl-1H-1,2,4-triazole-3-carboxamide : **Use:** triazofenamida
- 1-(3-o-chlorophenyl-2-p-fluorophenyloxiran-2-ylmethyl)-1,2,4-triazole, (2RS,3SR)-: **Use:** epoxiconazole
- 1-(4,6-dimethoxy-1,3,5-triazin-2-yl)-3-[2-(2-methoxyethoxy)phenylsulfonyl]urea: **Use:** cinosulfuron
- 1-(4,6-dimethoxypyrimidin-2-yl)-3-(2-ethoxyphenoxy=sulfonyl)urea: **Use:** ethoxysulfuron
- 1-(4,6-dimethoxypyrimidin-2-yl)-3-(2-ethylsulfonyl=imidazo[1,2-a]pyridin-3-ylsulfonyl)urea: **Use:** sulfosulfuron
- 1-(4,6-dimethoxypyrimidin-2-yl)-3-(3-dimethyl=carbamoyl-2-pyridylsulfonyl)urea: **Use:** nicosulfuron
- 1-(4,6-dimethoxypyrimidin-2-yl)-3-(3-ethylsulfonyl-2-pyridylsulfonyl)urea: **Use:** rimsulfuron
- 1-(4,6-dimethoxypyrimidin-2-yl)-3-(3-trifluoromethyl-2-pyridylsulfonyl)urea: **Use:** flazasulfuron
- 1-(4,6-dimethoxypyrimidin-2-yl)-3-mesyl(methyl)=sulfamoylurea: **Use:** amidosulfuron
- 1-(4,6-dimethoxypyrimidin-2-yl)-3-[(2-ethanesulfonyl=imidazo[1,2-a]pyridine-3-yl)sulfonyl]urea: **Use:** sulfosulfuron
- 1-(4,6-dimethoxypyrimidin-2-yl)-3-[1-methyl-4-(2-methyl-2H-tetrazol-5-yl)pyrazol-5-ylsulfonyl]urea: **Use:** azimsulfuron
- 1-(4,6-dimethoxypyrimidin-2-yl)-3-[2-(dimethyl=carbamoyl)-5-formamidophenylsulfonyl]urea: **Use:** foramsulfuron
- 1-(4,6-dimethoxypyrimidin-2-yl)-3-[3-(2,2,2-trifluoroethoxy)-2-pyridylsulfonyl]urea sodium salt: **Use:** trifloxysulfuron-sodium
- 1-(4-amino-1,2-dihydro-2-oxypyrimidin-1-yl)-4-[(S)-3-amino-5-(1-methylguanidino)valeramido]-1,2,3,4-tetrahydro-β-D-erythro-hex-2-enopyranuronic acid: **Use:** blasticidin S
- 1-(4-chloro-3-[(2,2,3,3,3-pentafluoropropoxy)=methyl]phenyl)-5-phenyl-1H-1,2,4-triazole-3-carboxamide: **Use:** flupoxam
- 1-(4-chlorobenzyl)-1-cyclopentyl-3-phenylurea: **Use:** pencycuron
- 1-(4-chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone: **Use:** triadimefon
- 1-(4-chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)butan-2-ol, (1RS,2RS;1RS,2SR)-: **Use:** triadimenol
- 1-(4-chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)butan-2-one: **Use:** triadimefon
- 1-(4-chlorophenoxy)-3-[(2-(4-ethoxyphenyl)-3,3,3-trifluoropropoxy)methyl]benzene: **Use:** flufenprox
- 1-(4-chlorophenyl)-1,4-dihydro-5-(2-methoxyethoxy)-4-oxo-3-cinnolinecarboxylic acid: **Use:** sintofen
- 1-(4-chlorophenyl)-1,4-dihydro-5-(2-methoxyethoxy)-4-oxocinnoline-3-carboxylic acid: **Use:** sintofen
- 1-(4-chlorophenyl)-2,2,2-trifluoro-1-ethanone O-(1,3-dioxolan-2-ylmethyl)oxime: **Use:** fluxofenim
- 1-(4-chlorophenyl)-3-(2,6-difluorobenzoyl)urea: **Use:** diflubenzuron
- 1-(4-chlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pent-1-en-3-ol, (E)-(RS)-: **Use:** uniconazole
- 1-(4-chlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pentan-3-ol, (2RS,3RS)-: **Use:** paclobutrazol
- 1-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)-3-[2-(3,3,3-trifluoropropyl)phenylsulfonyl]urea: **Use:** prosulfuron
- 1-(5-tert-butyl-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea: **Use:** tebutiuron
- 1-(6-chloro-3-pyridinyl methyl)-N-nitro-2-imidazolidinimine: **Use:** imidacloprid
- 1-(6-chloro-3-pyridylmethyl)-N-nitroimidazolidin-2-ylideneamine: **Use:** imidacloprid
- 1-(8-hydroxy-5-quinolinyl)-ethanone sulfate (2:1): **Use:** quinacetol sulfate
- 1-(allyloxy-carbonyl)-1-methylethyl 2-chloro-5-[1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)=pyrimidin-1-yl]benzoate: **Use:** butafenacil
- 1-(α,α-dimethylbenzyl)-3-p-tolylurea: **Use:** daimuron
- 1-(β-allyloxy-2,4-dichlorophenylethyl)imidazole, (RS)-: **Use:** imazalil
- 1-(biphenyl-4-yloxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)butan-2-ol (20:80 ratio of (1RS,2RS) and (1RS,2SR) isomers): **Use:** bitertanol
- 1-(ethylcarbamoyl)ethyl carbanilate, (R)-: **Use:** carbetamide
- 1-(tricyclohexylstannyl)-1H-1,2,4-triazole: **Use:** azocyclotin
- 1-1-methyl-2-(3-pyridyl)-pyrrolidine sulfate: **Use:** nicotine sulfate
- 1-aminopropylphosphonic acid, (RS)-: **Use:** ampropylfos
- 1-benzothiazol-2-yl-1,3-dimethylurea: **Use:** methabenzthiazuron
- 1-bromo-2-propyne: **Use:** propargyl bromide
- 1-butyl-3-(3,4-dichlorophenyl)-1-methylurea: **Use:** neburon
- 1-butylaminocyclohexane phosphonic acid dibutyl ester: **Use:** buminafos
- 1-chloro-2-(2,2,2-trichloro-1-(4-chlorophenyl)=ethyl)benzene: **Use:** DDT, o,p'-
- 1-chloro-2-(2,2,2-trichloro-1-(4-chlorophenyl)=ethyl)benzene mixture with 1,1'-(2,2,2-trichloroethylidene)bis(4-chlorobenzene): **Use:** DDT
- 1-chloro-2-(2,2-dichloro-1-(4-chlorophenyl)=ethenyl)benzene: **Use:** DDE, o,p'-
- 1-chloro-2-(2,2-dichloro-1-(4-chlorophenyl)ethyl)benzene: **Use:** TDE, o,p'-
- 1-chloro-2-nitropropane: **Use:** Korax
- 1-chloro-4-(((4-chlorophenyl)methyl)thio)benzene: **Use:** chlorbenside
- 1-chloro-4-(phenylsulfonyl)benzene: **Use:** Sulphenone
- 1-cyclohexyl-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pent-1-en-1-ol, (E)-(RS)-: **Use:** triapenthenol
- 1-dodecylguanidinium acetate: **Use:** dodine
- 1-hydroxychloridene: **Use:** 1-hydroxychloridene

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- 1-methoxy-3-[4-(2-methoxy-2,4,4-trimethylchroman-7-yloxy)phenyl]-1-methylurea, (RS)-: **Use:** metobenzuron
- 1-methoxy-4-(1,2,2,2-tetrachloroethyl)benzene: **Use:** 1-methoxy-4-(1,2,2,2-tetrachloroethyl)benzene
- 1-methyl-2-(3-pyridyl)pyrrolidine sulfate: **Use:** nicotine sulfate
- 1-methyl-2-propynyl (3-chlorophenyl)-carbamate: **Use:** chlorbufam
- 1-methyl-3-(1-methyl-1-phenylethyl)-1-phenylurea: **Use:** methyldymron
- 1-methyl-3-phenyl-5-(3-(trifluoromethyl)phenyl)-4(1H)-pyridinone: **Use:** fluridone
- 1-methyl-3-phenyl-5-( $\alpha,\alpha,\alpha$ -trifluoro-m-tolyl)-4-pyridone: **Use:** fluridone
- 1-methyl-4-(1-methylethyl)-2-((2-methylphenyl)=methoxy)-7-oxabicyclo(2.2.1)heptane, exo-( $\pm$ ): **Use:** cinmethylin
- 1-methylethyl (3,4-diethoxyphenyl)carbamate: **Use:** diethofencarb
- 1-methylethyl (3-chloro-4-methoxyphenyl)carbamate: **Use:** isopropyl (3-chloro-4-methoxyphenyl)=carbamate
- 1-methylethyl (3-chlorophenyl)carbamate: **Use:** chlorpropham
- 1-methylethyl 11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate, (E,E)-: **Use:** methoprene
- 1-methylethyl 2-((aminoethoxyphosphinothioyl)oxy)=benzoate: **Use:** des N-isopropyl isofenphos
- 1-methylethyl 2-((ethoxy((1-methylethyl)amino)=phosphinothioyl)oxy)benzoate: **Use:** isofenphos
- 1-methylethyl 2-(1-methylpropyl)-4,6-dinitrophenyl carbonate : **Use:** dinobuton
- 1-methylethyl 2-chloro-5-(3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl)benzoate: **Use:** flupropacil
- 1-methylethyl 2-[4-methoxy-(1,1'-biphenyl)-3-yl]hydrazinecarboxylate: **Use:** bifenazate
- 1-methylethyl 2-[4-methoxy-(1,1'-biphenyl)-3-yl]hydrazinecarboxylic acid ester: **Use:** bifenazate
- 1-methylethyl 3-(((ethylamino)methoxyphosphino=thioyl)oxy)-2-butenolate, (E)-: **Use:** propetamphos
- 1-methylethyl 4-bromo- $\alpha$ -(4-bromophenyl)- $\alpha$ -hydroxybenzeneacetate: **Use:** bromopropylate
- 1-methylethyl 4-chloro- $\alpha$ -(4-chlorophenyl)- $\alpha$ -hydroxybenzeneacetate: **Use:** chloropropylate
- 1-methylethyl 5-(4-bromo-1-methyl-5-(trifluoromethyl)-1H-pyrazol-3-yl)-2-chloro-4-fluoro-benzoate: **Use:** fluazolate
- 1-methylethyl N-benzoyl-N-(3-chloro-4-fluorophenyl)-DL-alanine: **Use:** flamprop-isopropyl
- 1-methylheptyl ((4-amino-3,5-dichloro-6-fluoro-2-pyridinyl)oxy)acetate: **Use:** fluoxypyr-meptyl
- 1-methylheptyl 4-amino-3,5-dichloro-6-fluoro-2-pyridyloxyacetate: **Use:** fluoxypyr-meptyl
- 1-methylhexyl 5-chloro-8-quinolinoxyacetate: **Use:** cloquintocet-mexyl
- 1-methylprop-2-ynyl 3-chlorocarbanilate: **Use:** chlorbufam
- 1-naphthaleneacetamide: **Use:** naphthaleneacetamide
- 1-naphthaleneacetic acid: **Use:** 1-naphthylacetic acid
- 1-naphthalenol: **Use:** 1-naphthol
- 1-naphthalenyl methylcarbamate: **Use:** carbaryl
- 1-naphthol: **Use:** 1-naphthol
- 1-naphthyl methylcarbamate: **Use:** carbaryl
- 1-naphthylacetic acid: **Use:** 1-naphthylacetic acid
- 1-nitro-4-(2,4,6-trichlorophenoxy)benzene: **Use:** chlornitrofen
- 1-p-chlorophenyl-4,4-dimethyl-3-(1H-1,2,4-triazol-1-ylmethyl)pentan-3-ol, (RS)-: **Use:** tebuconazole
- 1-phenyl-3-(1,2,3-thiadiazol-5-yl)urea: **Use:** thidiazuron
- 1-phenylethyl 3-((dimethyloxyphosphinyl)oxy)-2-butenolate, (E)-: **Use:** crotoxyphos
- 1-phenylethyl 3-(dimethoxyphosphinoxy)=isocrotonate: **Use:** crotoxyphos
- 1-tert-butyl-3-(2,6-di-isopropyl-4-phenoxyphenyl)thiourea: **Use:** diafenthiuron
- 1-triacontanol: **Use:** triacontanol
- 1-((2RS,4RS:2RS,4SR)-4-bromo-2-(2,4-dichlorophenyl)tetrahydrofurfuryl)-1H-1,2,4-triazole: **Use:** bromuconazole
- 1-[2,5-dichloro-4-(1,1,2,3,3,3-hexafluoropropoxy)=phenyl]-3-(2,6-difluorobenzoyl)urea, (RS)-: **Use:** lufenuron
- 1-[2-(2,4-dichlorophenyl)-4-ethyl-1,3-dioxolan-2-ylmethyl]-1H-1,2,4-triazole,(RS)-: **Use:** etaconazole
- 1-[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-ylmethyl]-1H-1,2,4-triazole, cis-trans-: **Use:** propiconazole
- 1-[2-(2-chloroethoxy)phenylsulfonyl]-3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)urea: **Use:** triasulfuron
- 1-[2-(cyclopropylcarbonyl)anilinosulfonyl]-3-(4,6-dimethoxypyrimidin-2-yl)urea: **Use:** cyclosulfamuron
- 1-[2-[4-(4-chlorophenoxy)-2-chlorophenyl]-4-methyl-1,3-dioxolan-2-ylmethyl]-1H-1,2,4-triazole: **Use:** difenoconazole
- 1-[3,5-dichloro-4-(1,1,2,2-tetrafluoroethoxy)phenyl]-3-(2,6-difluorobenzoyl)urea: **Use:** hexaflumuron
- 1-[3,5-dichloro-4-(3-chloro-5-trifluoromethyl-2-pyridyloxy)phenyl]-3-(2,6-difluorobenzoyl)urea: **Use:** chlorfluzazuron
- 1-[3-(2-chlorophenyl)-2,3-epoxy-2-(4-fluorophenyl)=propyl]-1H-1,2,4-triazole,(2RS,3SR)-: **Use:** epoxiconazole
- 1-[3-(4-tert-butylphenyl)-2-methylpropyl]piperidine, (RS)-: **Use:** fenpropidin
- 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoromethoxy=ethoxy)phenyl]-3-(2,6-difluorobenzoyl)urea, (RS)-: **Use:** novaluron
- 1-[4-(2-chloro- $\alpha,\alpha,\alpha$ -trifluoro-p-tolyloxy)-2-fluorophenyl]-3-(2,6-difluorobenzoyl)urea: **Use:** flufenoxuron
- 1-[4-chloro-3-(2,2,3,3,3-pentafluoropropoxymethyl)=phenyl]-5-phenyl-1H-1,2,4-triazole-3-carboxamide: **Use:** flupoxam
- 1-[4-chloro-3-(3-chloro-5-trifluoromethyl-2-pyridyloxy)phenyl]-3-(2,6-difluorobenzoyl)urea: **Use:** fluazuron
- 1-[ $\alpha$ -(4-chloro- $\alpha$ -cyclopropylbenzylideneamino-oxy)-p-tolyl]-3-(2,6-difluorobenzoyl)urea (ratio 50-80% (E)- and 50-20% (Z)- isomers) 50-20% (Z)-: **Use:** flucycloxuron
- 1-[N-propyl-N-[2-(2,4,6-trichlorophenoxy)ethyl]=carbamoylimidazole: **Use:** prochloraz
- 1-[[bis(4-fluorophenyl)(methyl)silyl]methyl]-1H-1,2,4-triazole: **Use:** flusilazole
- 10H-phenothiazine: **Use:** phenothiazine

- 193136: **Use:** fenazaquin
- 1A,2A,4B,5,6,7B,8,8-octachloro-3aA,4,7,7aA-tetrahydro-4,7-methanoindan: **Use:** chlordane, cis-
- 1B,2A,4A,5,6,7A,8,8-octachloro-3aB,4,7,7aB-tetrahydro-4,7-methanoindan: **Use:** chlordane, trans-
- 1H-1,2,4-triazol-3-ylamine: **Use:** amitrole
- 1H-1,2,4-triazole-3-amine: **Use:** amitrole
- 1H-benzimidazol-2-amine: **Use:** 2-aminobenzimidazole
- 1L-(1,3,4/2,6)-2,3-dihydroxy-6-hydroxymethyl-4-[(1S,4R,5S,6S)-4,5,6-trihydroxy-3-hydroxymethylcyclohex-2-enylamino]cyclohexyl beta-D-glucopyranoside: **Use:** validamycin
- 1[2-(2,4-dichlorophenyl)-2-(2-propenyloxyethyl)-1H-imidazole, (±)]: **Use:** imazalil
- 2',3'-dichloro-4-ethoxymethoxybenzanilide: **Use:** etobenzanid
- 2',3,3',4,5,6-hexachlorophthalanilic acid : **Use:** tecloftalam
- 2',4',6'-trichloro-4-nitrodiphenyl ether: **Use:** chlornitrofen
- 2',4'-dichloro-2-(3-pyridyl)acetophenone (EZ)-O-methyloxime: **Use:** pyrifenoxy
- 2',4'-dichloro-5'-(4-difluoromethyl-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl)methanesulfonanilide: **Use:** sulfentrazone
- 2',4'-difluoro-2-( $\alpha,\alpha,\alpha$ -trifluoro-m-tolyloxy)nicotinamide: **Use:** diflufenican
- 2',4'-dimethyl-5'-((trifluoromethyl)sulfonamido)=acetanilide: **Use:** mefluidide
- 2',4-dichloro- $\alpha,\alpha,\alpha$ -trifluoro-4'-nitro-m-toluenesulfonanilide: **Use:** flusulfamide
- 2',5-dichloro-4'-nitrosalicylanilide: **Use:** niclosamide
- 2',6'-dibromo-2-methyl-4'-trifluoromethoxy-4-trifluoromethyl-1,3-thiazole-5-carboxanilide: **Use:** thifluzamide
- 2',6'-dichloro-5,7-dimethoxy-3'-methyl[1,2,4]triazolo=[1,5-a]pyrimidine-2-sulfonanilide: **Use:** metosulam
- 2',6'-difluoro-5-methyl[1,2,4]triazolo[1,5-a]pyrimidine-2-sulfonanilide: **Use:** flumetsulam
- 2'-chloro-N-(dimethoxyphosphinothioylthiomethyl)=butyranilide: **Use:** fosmethilan
- 2'-hydroxy-2,4,4'-trichlorodiphenyl ether: **Use:** cloxifenolium
- 2'-hydroxy-2,4,4'-trichlorophenyl ether: **Use:** cloxifenolium
- 2'-methylacetophenone 4,6-dimethylpyrimidin-2-ylhydrazone, (Z): **Use:** ferimzone
- 2'-tert-butyl-5-methyl-2'-(3,5-xyloyl)chromane-6-carbohydrazide: **Use:** chromafenozide
- 2(2,6-difluorophenyl)-4-(4-(1,1-dimethylethyl)-2-ethoxyphenyl)-4,5-dihydrooxazole: **Use:** etoxazole
- 2(3H)-benzothiazolethione: **Use:** mercaptobenzothiazole
- 2,2'-dithiobis(pyridine) 1,1'-dioxide: **Use:** dipyrithione
- 2,2'-methylenebis(3,4,6-trichlorophenol): **Use:** hexachlorophene
- 2,2'-oxybis(1-chloropropane): **Use:** DCIP
- 2,2,2-trichloro-1,1-bis(4-chlorophenyl)ethanol: **Use:** dicofol
- 2,2,3,3-tetrafluoropropanoic acid: **Use:** flupropanate
- 2,2,3,3-tetrafluoropropionic acid: **Use:** flupropanate
- 2,2-bis(p-methoxyphenyl)-1,1,1-trichloroethane: **Use:** methoxychlor
- 2,2-dichloro-N,N-di-2-propenylacetamide: **Use:** dichlormid
- 2,2-dichloro-N-(1-(4-chlorophenyl)ethyl)-1-ethyl-3-methylcyclopropanecarboxamide: **Use:** carpropamid
- 2,2-dichloro-N-[(R or S)-1-(4-chlorophenyl)ethyl]-1-ethyl-3-methylcyclopropanecarboxamide: **Use:** carpropamid
- 2,2-dichloroethyl dimethyl phosphate: **Use:** dichlorvos
- 2,2-dichloropropanoic acid: **Use:** dalapon
- 2,2-dichloropropionic acid: **Use:** dalapon
- 2,2-dichlorovinyl dimethyl phosphate: **Use:** dichlorvos
- 2,2-dimethyl-1,3-benzodioxol-4-ol methylcarbamate: **Use:** bendiocarb
- 2,2-dimethyl-1,3-benzodioxol-4-yl methylcarbamate: **Use:** bendiocarb
- 2,2-dimethyl-3-(2-methyl-1-propenyl)-, (5-(phenylmethyl)-3-furanyl)methyl cyclopropanecarboxylate, (1R-cis): **Use:** cismethrin
- 2,2-dimethyl-7-(((methylamino)carbonyloxy)3(2H)-benzofuranone: **Use:** 3-ketocarbofuran
- 2,2-dimethyl-N-(1-methylethyl)-N-(phenylmethyl)propanamide: **Use:** butam
- 2,3,3-trichloro-2-propene-1-sulfonic acid: **Use:** TCPSA
- 2,3,4,5,6,6a,7,7-octachloro-1a,1b,5,5a,6,6a-hexahydro-2,5-methano-2H-indeno(1,2-b)oxirene, (1a A,1b,B 2 A,5 A,5a B,6 B,6a A)-: **Use:** octachlor epoxide
- 2,3,4,5,6,7,7-heptachloro-1a,1b,5,5a,6,6a-hexahydro-2,5-methano-2H-indeno(1,2-b)oxirene, (1a A, 1b B, 2 A, 5 A, 5a B, 6 B, 6a A)-: **Use:** heptachlor epoxide
- 2,3,4,5,6-pentachlorobenzenamine: **Use:** pentachloroaniline
- 2,3,4,5,7,7-hexachloro-1a,1b,5,5a,6,6a-hexahydro-2,5-methano-2H-indeno(1,2-b)oxirane: **Use:** chlordene epoxide
- 2,3,4,5-tetrachloro-6-(((2,3-dichlorophenyl)amino)=carbonyl)benzoic acid: **Use:** tecloftalam
- 2,3,4,5-tetrachlorothioanisole: **Use:** 2,3,4,5-tetrachlorothioanisole
- 2,3,5 (or 3,4,5)-trimethylphenyl methylcarbamate: **Use:** trimethacarb
- 2,3,5,6-tetrachloro-4-methoxybenzenamine: **Use:** 2,3,5,6-tetrachloroanisidine
- 2,3,5,6-tetrachloroaniline: **Use:** 2,3,5,6-tetrachloroaniline
- 2,3,5,6-tetrachloroanisidine: **Use:** 2,3,5,6-tetrachloroanisidine
- 2,3,5,6-tetrachloroanisole: **Use:** 2,3,5,6-tetrachloroanisole
- 2,3,5,6-tetrachlorobenzenamine: **Use:** 2,3,5,6-tetrachloroaniline
- 2,3,5,6-tetrafluoro-4-methylbenzyl (Z)-(1RS)-cis-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate: **Use:** tefluthrin
- 2,3,5,6-tetrafluoro-4-methylbenzyl (Z)-(1RS,3RS)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate: **Use:** tefluthrin
- 2,3,5,6-tetrafluorobenzyl (1R)-trans-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropane=carboxylate: **Use:** transfluthrin
- 2,3,5,6-tetrafluorobenzyl (1R,3S)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate : **Use:** transfluthrin



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- 2,3,5-tri-iodobenzoic acid: **Use:** 2,3,5-triiodobenzoic acid
- 2,3,5-triiodobenzoic acid: **Use:** 2,3,5-triiodobenzoic acid
- 2,3,6-TBA: **Use:** 2,3,6-TBA
- 2,3,6-trichlorobenzeneacetic acid: **Use:** fenac
- 2,3,6-trichlorobenzoic acid: **Use:** 2,3,6-TBA
- 2,3,6-trichlorophenylacetic acid: **Use:** fenac
- 2,3-dichloro-1,4-naphthalenedione: **Use:** dichlone
- 2,3-dichloro-1,4-naphthoquinone: **Use:** dichlone
- 2,3-dichloro-N-4-fluorophenylmaleimide: **Use:** fluoroimide
- 2,3-dihydro-2,2-dimethyl-3,7-benzofurandiol 7-(methylcarbamate): **Use:** 3-hydroxycarbofuran
- 2,3-dihydro-2,2-dimethyl-3-hydroxy-7-benzofuranyl-N-methylcarbamate: **Use:** 3-hydroxycarbofuran
- 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ((dibutylamino)thio)methylcarbamate: **Use:** carbosulfan
- 2,3-dihydro-2,2-dimethyl-7-benzofuranyl 2,4-dimethyl-5-oxo-6-oxa-3-thia-2,4-diazadecanoate: **Use:** furathiocarb
- 2,3-dihydro-2,2-dimethyl-7-benzofuranyl methylcarbamate: **Use:** carbofuran
- 2,3-dihydro-2,2-dimethylbenzofuran-7-yl (dibutylaminothio)methylcarbamate: **Use:** carbosulfan
- 2,3-dihydro-2,2-dimethylbenzofuran-7-yl methylcarbamate: **Use:** carbofuran
- 2,3-dihydro-3-hydroxy-2,2-dimethyl-7-benzofuranyl carbamic acid methyl ester: **Use:** 3-hydroxycarbofuran
- 2,3-dihydro-5,6-dimethyl-1,4-dithi-ine 1,1,4,4-tetraoxide: **Use:** dimethipin
- 2,3-dihydro-5,6-dimethyl-1,4-dithiin 1,1,4,4-tetraoxide: **Use:** dimethipin
- 2,3-dihydro-6-methyl-5-phenylcarbamo-yl-1,4-oxathi-ine 4,4-dioxide : **Use:** oxycarboxin
- 2,3-isopropylidenedioxyphenyl methylcarbamate: **Use:** bendiocarb
- 2,4'-dichloro- $\alpha$ -(pyrimidin-5-yl)benzhydriyl alcohol, (RS)-: **Use:** fenarimol
- 2,4'-difluoro- $\alpha$ -(1H-1,2,4-triazol-1-ylmethyl)benzhydriyl alcohol, (RS)-: **Use:** flutriafol
- 2,4'-dinitro-4-(trifluoromethyl)diphenyl ether: **Use:** fluorodifen
- 2,4,4',5-tetrachlorodiphenyl sulfide: **Use:** tetrasul
- 2,4,4',5-tetrachlorodiphenyl sulfone: **Use:** tetradifon
- 2,4,4'-trichloro-2'-hydroxydiphenyl ether: **Use:** cloxifenolom
- 2,4,4'-trichloro-2-hydroxydiphenyl ether: **Use:** cloxifenolom
- 2,4,5,4'-tetrachlorodiphenyl sulfone: **Use:** tetradifon
- 2,4,5,4'-tetrachlorodiphenylsulphone: **Use:** tetradifon
- 2,4,5,4'-tetrachlorophenylsulphoxide: **Use:** tetrasul sulfoxide
- 2,4,5,6-tetrachloro-1,3-benzenedicarbonitrile: **Use:** chlorothalonil
- 2,4,5,6-tetrachloro-1,3-dicyanobenzene: **Use:** chlorothalonil
- 2,4,5,6-tetrachloro-1,3-isophthalonitrile: **Use:** chlorothalonil
- 2,4,5,6-tetrachloroisophthalonitrile: **Use:** chlorothalonil
- 2,4,5-T: **Use:** 2,4,5-T
- 2,4,5-TP: **Use:** silvex
- 2,4,5-trichloro- $\alpha$ -methylbenzenemethanol: **Use:** 2,4,5-trichloro- $\alpha$ -methylbenzenemethanol
- 2,4,5-trichlorophenol: **Use:** 2,4,5-trichlorophenol
- 2,4,5-trimethyl-3-furanilide: **Use:** methfuroxam
- 2,4,5-trimethyl-N-phenyl-3-furancarboxamide: **Use:** methfuroxam
- 2,4,6,8-tetramethyl-1,3,5,7-tetraoxacyclo-octane: **Use:** metaldehyde
- 2,4,6,8-tetramethyl-1,3,5,7-tetroxocane: **Use:** metaldehyde
- 2,4,6-trichloro-4'-nitrodiphenyl ether: **Use:** chlornitrofen
- 2,4,6-trichlorophenol: **Use:** 2,4,6-trichlorophenol
- 2,4,6-trichlorophenyl 4-nitrophenyl ether: **Use:** chlornitrofen
- 2,4,6-trichlorophenyl p-nitrophenyl ether: **Use:** chlornitrofen
- 2,4-D: **Use:** 2,4-D
- 2,4-D-picloram mixture: **Use:** 2,4-D-picloram mixture
- 2,4-DB: **Use:** 2,4-DB
- 2,4-DB metabolite: **Use:** 2,4-D
- 2,4-des sodium: **Use:** disul-Na
- 2,4-dichloro p-nitrophenyl ether: **Use:** nitrofen
- 2,4-dichloro-1-(3-methoxy-4-nitrophenoxy)benzene: **Use:** chlomethoxyfen
- 2,4-dichloro-1-(4-nitrophenoxy)benzene: **Use:** nitrofen
- 2,4-dichloro-6-nitroaniline: **Use:** 2,4-dichloro-6-nitroaniline
- 2,4-dichloro-6-nitrobenzenamine: **Use:** 2,4-dichloro-6-nitroaniline
- 2,4-dichloro-6-o-chloroanilino-s-triazine: **Use:** anilazine
- 2,4-dichloro- $\alpha$ -(chloromethylene)benzyl-diethyl phosphate: **Use:** chlorfenvinphos
- 2,4-dichlorophenyl 4-nitrophenyl ether: **Use:** nitrofen
- 2,4-dimethyl-1,3-thiazole-5-carboxanilide: **Use:** metsulfovax
- 2,4-dimethyl-N-(3-methyl-2(3H)-thiazolylidene)benzenamine: **Use:** cymiazole
- 2,4-dimethyl-N-phenyl-5-thiazolecarboxamide: **Use:** metsulfovax
- 2,4-dinitro-6-octylphenyl crotonate and 2,6-dinitro-4-octylphenyl crotonate: **Use:** dinocap
- 2,4-dinitro-6-octylphenyl crotonates and 2,6-dinitro-4-octylphenyl crotonates in which "octyl" is a mixture of 1-methylheptyl, 1-ethylhexyl and 1-propylpentyl: **Use:** dinocap
- 2,4-DM: **Use:** 2,4-DB
- 2,4-DP: **Use:** dichlorprop
- 2,4-MCPA: **Use:** MCPA
- 2,4-MCPB: **Use:** MCPB
- 2,4a,7-trihydroxy-1-methyl-8-methylene-gibb-3-ene-1,10-dicarboxylic acid 1,4a-lactone, (1 A, 2 B, 4a A, 4b B, 10 B)-: **Use:** gibberellic acid
- 2,4a,7-trihydroxy-1-methyl-8-methylenegibb-3-ene-1,10-carboxylic acid 1-4-lactone: **Use:** gibberellic acid
- 2,4a,7-trihydroxy-1-methyl-8-methylenegibb-3-ene-1,10-dicarboxylic acid 1,4a-lactone: **Use:** gibberellic acid

- 2,4a,7-trihydroxy-1-methyl-8-methylenegibb-3-ene-1,10-dicarboxylic acid 1,4a-lactone, (1 $\alpha$ ,2 $\beta$ ,4 $\alpha\alpha$ ,4 $\beta\beta$ ,10 $\beta$ ): **Use:** gibberellic acid
- 2,4 $\alpha$ ,7-trihydroxy-1-methyl-8-methylenegibb-3-ene-1,10 $\beta$ -dicarboxylic acid 1,4 $\alpha$ -lactone: **Use:** gibberellic acid
- 2,5-dichloro-1,4-dimethoxybenzene: **Use:** chloroneb
- 2,5-dichloro-3-aminobenzoic acid: **Use:** chloramben
- 2,5-dimethyl-2-ethylhexanoic acid: **Use:** neodecanoic acid
- 2,5-dioxo-3-prop-2-ynylimidazolidin-1-ylmethyl-2,2-dimethyl (1R,3S) and (1R,3R)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate, 20:80 mixture: **Use:** imiprothrin
- 2,5-pyridinedicarboxylic acid, dipropyl ester: **Use:** dipropyl isocinchomerate
- 2,6-bis(1,1-dimethylethyl)-4-methylphenyl methylcarbamate: **Use:** terbucarb
- 2,6-bis(1-methylethyl)naphthalene: **Use:** 2,4-DIPN
- 2,6-di-tert-butyl-p-tolyl methylcarbamate: **Use:** terbucarb
- 2,6-dichloro-4-(3,3-dichloroallyloxy)phenyl 3-[5-(trifluoromethyl)-2-pyridyloxy]propyl ether: **Use:** pyridalyl
- 2,6-dichloro-4-nitroaniline: **Use:** dicloran
- 2,6-dichloro-4-nitrobenzenamine: **Use:** dicloran
- 2,6-dichloro-4-phenyl-3,5-pyridinedicarbonitrile: **Use:** pyridinitril
- 2,6-dichloro-4-phenylpyridine-3,5-dicarbonitrile: **Use:** pyridinitril
- 2,6-dichlorobenzenecarbothioamide: **Use:** chlorthiamid
- 2,6-dichlorobenzonitrile: **Use:** dichlobenil
- 2,6-dichlorothiobenzamide: **Use:** chlorthiamid
- 2,6-diisopropyl-naphthalene: **Use:** 2,6-DIPN
- 2,6-dimethyl-4-tridecylmorpholine: **Use:** tridemorph
- 2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)benzenamine: **Use:** trifluralin
- 2,6-dinitro-N1,N1-dipropyl-4-(trifluoromethyl)-1,3-benzenediamine: **Use:** prodiamine
- 2,6-dinitro-N1,N1-dipropyl-4-trifluoromethyl-m-phenylenediamine: **Use:** prodiamine
- 2,6-DIPN: **Use:** 2,6-DIPN
- 2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-benzoic acid 1,1-dimethyl-2-oxo-2-(2-propenyloxy)ethyl ester: **Use:** butafenacil
- 2-(((4,6-dimethoxy-2-pyrimidinyl)amino)carbonyl)=amino)sulfonyl)-6-(trifluoromethyl)-3-pyridinecarboxylic acid: **Use:** flupyr-sulfuron
- 2-(((4,6-dimethoxy-2-pyrimidinyl)amino)carbonyl)=amino)sulfonyl)-N,N-dimethyl-3-pyridinecarboxamide: **Use:** nicosulfuron
- 2-(((1-methylethylidene)amino)oxy)ethyl 2-(4-((6-chloro-2-quinoxalinyloxy)phenoxy)propanoate, (R)-): **Use:** propaquizafop
- 2-((1,1-dimethylethyl)imino)tetrahydro-3-(1-methylethyl)-5-phenyl-1,3,5-thiadiazinan-4-one: **Use:** buprofezin
- 2-((1,1-dimethylethyl)imino)tetrahydro-3-(1-methylethyl)-5-phenyl-4H-1,3,5-thiadiazin-4-one: **Use:** buprofezin
- 2-((1-naphthalenylamino)carbonyl)benzoic acid: **Use:** naptalam
- 2-((2,6-dimethylphenyl)-methoxyacetyl-amino)-propionic acid methyl ester, (R)-: **Use:** metalaxyl-M
- 2-((2,6-dimethylphenyl)-methoxyacetyl-amino)-propionic acid methyl ester, (R,S)-: **Use:** metalaxyl
- 2-((2-(3-chlorophenyl)oxiranyl)methyl)-2-ethyl-1H-indene-1,3(2H)-dione: **Use:** indanofan
- 2-((2-chlorophenyl)methyl)-4,4-dimethyl-3-isoxazolidinone: **Use:** clomazone
- 2-((4-(2,4-dichloro-3-methylbenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl)oxy)-1-(4-methylphenyl)ethanone: **Use:** benzofenap
- 2-((4-(2,4-dichlorobenzoyl)-1,3-dimethyl-1H-pyrazol-5-yl)oxy)-1-phenylethanone: **Use:** pyrazoxyfen
- 2-((4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl)amino)-2-methylpropanenitrile: **Use:** procyazine
- 2-((4-chloro-6-(ethylamino)-1,3,5-triazine-2-yl)amino)-2-methylpropionitrile: **Use:** cyanazine
- 2-((4-chloro-6-(ethylamino)-s-triazin-2-yl)amino)-2-methylpropionitrile: **Use:** cyanazine
- 2-((4-chlorophenyl)methyl)-5-(1-methylethyl)-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol: **Use:** ipconazole
- 2-(((6-(2-cyanophenoxy)-4-pyrimidinyl)oxy)- $\alpha$ (methoxymethylene)-benzeneacetic acid, methyl ester, (Z)-): **Use:** azoxystrobin Z-isomer
- 2-((ethylthio)methyl)phenol methylcarbamate: **Use:** ethiofencarb
- 2-((ethylthio)methyl)phenyl methylcarbamate: **Use:** ethiofencarb
- 2-((trichloromethyl)thio)-1H-isoindole-1,3(2H)-dione: **Use:** folpet
- 2-(1,1-dimethylethyl)-4,6-dinitrophenol: **Use:** dinoterb
- 2-(1,1-dimethylethyl)-4,6-dinitrophenyl ethyl carbonate: **Use:** dinoterbon
- 2-(1,3-dioxolan-2-yl)phenyl methylcarbamate: **Use:** dioxacarb
- 2-(1,3-thiazol-4-yl)benzimidazole: **Use:** thiabendazole
- 2-(1-(((3,5-difluorophenyl)amino)carbonyl)=hydrazono)ethyl)-3-pyridinecarboxylic acid: **Use:** diflufenzopyr
- 2-(1-(((3-chloro-2-propenyl)oxy)imino)propyl)-3-hydroxy-5-(tetrahydro-2H-pyran-4-yl)-2-cyclohexen-1-one, (E,Z)-: **Use:** tepraloxym
- 2-(1-(((3-chloro-2-propenyl)oxy)imino)propyl)-5-(2-(ethylthio)propyl)-3-hydroxy-2-cyclohexene-1-one: **Use:** clethodim
- 2-(1-(ethoxyimino)butyl)-3-hydroxy-5-(tetrahydro-2H-thiopyran-3-yl)-2-cyclohexene-1-one: **Use:** cycloxydim
- 2-(1-(ethoxyimino)butyl)-5-(2-(ethylthio)propyl)-3-hydroxy-2-cyclohexen-1-one: **Use:** sethoxydim
- 2-(1-(ethoxyimino)propyl)-3-hydroxy-5-(2,4,6-trimethylphenyl)-2-cyclohexen-1-one: **Use:** tralkoxydim
- 2-(1-ethoxyiminobutyl)-5-[2-(ethylthio)propyl]-3-hydroxycyclohex-2-enone, (RS)-(EZ)-: **Use:** sethoxydim
- 2-(1-methyl-2-(4-phenoxyphenoxy)ethoxy)pyridine: **Use:** pyriproxyfen
- 2-(1-methylethoxy)phenyl methylcarbamate: **Use:** propoxur
- 2-(1-methylethyl)phenyl methylcarbamate: **Use:** isoprocarb
- 2-(1-methylpropyl)-4,6-dinitrophenol: **Use:** dinoseb
- 2-(1-methylpropyl)-4,6-dinitrophenyl 3-methyl-2-butenate: **Use:** binapacryl



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- 2-(1-methylpropyl)phenyl methylcarbamate:  
**Use:** fenobucarb
- 2-(1-naphthyl)acetamide: **Use:** naphthaleneacetamide
- 2-(2'-furyl)benzimidazole: **Use:** fuberidazole
- 2-(2,2-difluoroethoxy)-N-(5,8-dimethoxy[1,2,4]triazolo[1,5-c]pyrimidin-2-yl)-6-(trifluoromethyl)benzene=sulfonamide: **Use:** penoxsulam
- 2-(2,4,5-trichlorophenoxy)propanoic acid, (±):  
**Use:** silvex
- 2-(2,4,5-trichlorophenoxy)propionic acid, (RS)-:  
**Use:** silvex
- 2-(2,4-dichloro-3-methylphenoxy)-N-phenylpropanamide: **Use:** clomeprop
- 2-(2,4-dichloro-5-(2-propynyloxy)phenyl)-5,6,7,8-tetrahydro-1,2,4-triazolo[4,3-a]pyridin-3(2H)-one:  
**Use:** azafenidin
- 2-(2,4-dichloro-5-prop-2-ynyloxyphenyl)-5,6,7,8-tetrahydro-1,2,4-triazolo[4,3-a]pyridin-3(2H)-one:  
**Use:** azafenidin
- 2-(2,4-dichloro-m-tolyloxy)propionanilide, (RS)-:  
**Use:** clomeprop
- 2-(2,4-dichlorophenoxy)propanoic acid:  
**Use:** dichlorprop
- 2-(2,4-dichlorophenoxy)propanoic acid, (R)-:  
**Use:** dichlorprop-P
- 2-(2,4-dichlorophenoxy)propionic acid, (R)-:  
**Use:** dichlorprop-P
- 2-(2,4-dichlorophenoxy)propionic acid, (RS)-:  
**Use:** dichlorprop
- 2-(2,4-dichlorophenyl)-1-(1H-1,2,4-triazol-1-yl)hexan-2-ol, (RS)-: **Use:** hexaconazole
- 2-(2,4-dichlorophenyl)-3-(1H-1,2,4-triazol-1-yl)propyl 1,1,2,2-tetrafluoroethyl ether, (RS)-:  
**Use:** tetraconazole
- 2-(2,6-difluorophenylsulphamoyl)-5-methyl[1,2,4]-triazolo[1,5-a]pyrimidine: **Use:** flumetsulam
- 2-(2-(4-((3,5-dichloro-2-pyridinyl)oxy)phenoxy)-1-oxopropyl)isoxazolidine, (±)-: **Use:** isoxapyrifop
- 2-(2-benzothiazolyloxy)-N-methyl-N-phenylacetamide:  
**Use:** mfenacetyl
- 2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether:  
**Use:** piperonyl butoxide
- 2-(2-chloro-1-methoxyethoxy)phenyl methylcarbamate:  
**Use:** cloethocarb
- 2-(2-chloro-1-methoxyethoxy)phenyl methylcarbamate, (RS)-: **Use:** cloethocarb
- 2-(2-chloro-4-(methylsulfonyl)benzoyl)-1,3-cyclohexanedione: **Use:** sulcotrione
- 2-(2-chloro-4-mesybenzoyl)cyclohexane-1,3-dione:  
**Use:** sulcotrione
- 2-(2-chlorobenzyl)-4,4-dimethyl-1,2-oxazolidin-3-one:  
**Use:** clomazone
- 2-(2-chlorobenzyl)-4,4-dimethylisoxazolidin-3-one:  
**Use:** clomazone
- 2-(2-chloroethoxy)-N-(((4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino)carbonyl)benzenesulfonamide:  
**Use:** triasulfuron
- 2-(2-chlorophenyl)-2-(diethoxyphosphinothioyl)oxy=imino)acetonitrile: **Use:** chlorphoxim
- 2-(2-ethoxyethoxy)ethyl 3,4-(methylenedioxy)phenyl acetal acetaldehyde: **Use:** sesamex
- 2-(2-ethylhexyl)-3a,4,7,7a-tetrahydro-4,7-methano-1H-isindole-1,3(2H)dione: **Use:** MGK 264
- 2-(2-furanyl)-1H-benzimidazole: **Use:** fuberidazole
- 2-(2-naphthalenyloxy)-N-phenylpropanamide:  
**Use:** naproanilide
- 2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione: **Use:** methazole
- 2-(3,4-dimethoxyphenyl)-N-ethyl- $\alpha,\alpha,\alpha$ -trifluoro-N-methyl-p-toluamide: **Use:** flumetover
- 2-(3,4-methylenedioxyphenoxy)-3,6,9-trioxaundecane:  
**Use:** sesamex
- 2-(3,5-dichlorophenyl)-2-(2,2,2-trichloroethyl)-oxirane:  
**Use:** tridiphane
- 2-(3,5-dichlorophenyl)-2-(2,2,2-trichloroethyl)oxirane, (RS)-: **Use:** tridiphane
- 2-(3-chlorophenoxy)propanamide:  
**Use:** 2-(m-chlorophenoxy)propionamide
- 2-(3-chlorophenoxy)propanoic acid: **Use:** cloprop
- 2-(3-chlorophenoxy)propionamide:  
**Use:** 2-(m-chlorophenoxy)propionamide
- 2-(3-chlorophenoxy)propionic acid, (RS)-: **Use:** cloprop
- 2-(4,5-dihydro-4-isopropyl-4-methyl-5-oxoimidazol-2-yl)-5-methylnicotinic acid, (RS)-: **Use:** imazapic
- 2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-3-pyridinecarboxylic acid, (±)-:  
**Use:** imazapyr
- 2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-3-quinolinecarboxylic acid:  
**Use:** imazaquin
- 2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-(methoxymethyl)-3-pyridinecarboxylic acid: **Use:** imazamox
- 2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-ethyl-3-pyridinecarboxylic acid:  
**Use:** imazethapyr
- 2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-methyl-3-pyridinecarboxylic acid:  
**Use:** imazapic
- 2-(4,6-dimethoxypyrimidin-2-ylcarbamoylsulfamoyl)-6-trifluoromethylnicotinic acid: **Use:** flupyr-sulfuron
- 2-(4,6-dimethoxypyrimidin-2-ylcarbamoylsulfamoyl)-N,N-dimethylnicotinamide : **Use:** nicosulfuron
- 2-(4-((3-chloro-5-(trifluoromethyl)-2-pyridinyl)oxy)phenoxy)propanoic acid:  
**Use:** haloxyfop
- 2-(4-((5-chloro-3-fluoro-2-pyridinyl)oxy)phenoxy)=proanoic acid-2-propyl ester, (2R)-:  
**Use:** clodinafop-propargyl
- 2-(4-(1,1-dimethylethyl)phenoxy)cyclohexyl 2-propynyl sulfite: **Use:** propargite
- 2-(4-(methylsulfonyl)-2-nitrobenzoyl)-1,3-cyclohexanedione: **Use:** mesotrione
- 2-(4-bromodifluoromethoxyphenyl)-2-methylpropyl 3-phenoxybenzyl ether: **Use:** halfenprox
- 2-(4-chloro-2-fluoro-5-((1-methyl-2-propynyl)oxy)phenyl)-4,5,6,7-tetrahydro-1H-isindole-1,3(2H)-dione: **Use:** flumipropyn
- 2-(4-chloro-2-methylphenoxy)propanoic acid, (±):  
**Use:** mecoprop
- 2-(4-chloro-6-cyclopropylamino-1,3,5-triazin-2-ylamino)-2-methylpropionitrile: **Use:** procyzazine
- 2-(4-chloro-6-ethylamino-1,3,5-triazin-2-ylamino)-2-methylpropionitrile: **Use:** cyanazine
- 2-(4-chloro-o-tolyloxy)propionic acid, (RS)-:  
**Use:** mecoprop
- 2-(4-chlorobenzyl)-5-isopropyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol, (1RS,2SR,5RS;1RS,2SR,5SR)-: **Use:** ipconazole

- 2-(4-chlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)hexanenitrile: **Use:** myclobutanil
- 2-(4-chlorophenyl)-3-cyclopropyl-1-(1H-1,2,4-triazol-1-yl) butan-2-ol, (2RS,3RS;2RS,3SR)-: **Use:** cyproconazole
- 2-(4-chlorophenyl)-3-ethyl-2,5-dihydro-5-oxo-4-pyridazinecarboxylic acid: **Use:** clofencet
- 2-(4-chlorophenyl)-3-ethyl-2,5-dihydro-5-oxo-4-pyridazinecarboxylic acid, potassium salt: **Use:** clofencet potassium salt
- 2-(4-chlorophenyl)-3-ethyl-2,5-dihydro-5-oxopyridazine-4-carboxylic acid: **Use:** clofencet
- 2-(4-ethoxyphenyl)-2-methylpropyl 3-phenoxybenzyl ether: **Use:** etofenprox
- 2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-5-methoxymethylnicotinic acid: **Use:** imazamox
- 2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-5-methylnicotinic acid: **Use:** imazapic
- 2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinic acid: **Use:** imazapyr
- 2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinic acid, salt of: **Use:** imazapyr 2-propanaminium salt (1:1)
- 2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)quinoline-3-carboxylic acid, (RS)-: **Use:** imazaquin
- 2-(4-mesyl-2-nitrobenzoyl)cyclohexane-1,3-dione: **Use:** mesotrione
- 2-(4-tert-butylphenoxy)cyclohexyl prop-2-ynyl sulfite: **Use:** propargite
- 2-(4-thiazolyl)-1H-benzimidazole: **Use:** thiabendazole
- 2-(7-fluoro-3,4-dihydro-3-oxo-4-(2-propynyl)-2H-1,4-benzoxazin-6-yl)-4,5,6,7-tetrahydro-1H-isoindole-1,3(2H)-dione: **Use:** flumioxazin
- 2-(acetyloxy)-3-dodecyl-1,4-naphthalenedione: **Use:** acequinocyl
- 2-(aminocarbonyl)benzoic acid: **Use:** phthalamic acid
- 2-(diethoxyphosphinothioxyloxyimino)-2-phenylacetoneitrile: **Use:** phoxim
- 2-(diethoxyphosphinylimino)-1,3-dithiolane: **Use:** phosfolan
- 2-(diethoxyphosphinylimino)-4-methyl-1,3-dithiolane: **Use:** mephosfolan
- 2-(dimethoxyphosphinothioxyloxyimino)-2-phenylacetoneitrile: **Use:** phoxim-methyl
- 2-(dimethylamino)-5,6-dimethyl-4-pyrimidinyl dimethylcarbamate: **Use:** pirimicarb
- 2-(ethoxymethyl)-4,6-dinitrophenol: **Use:** etinofen
- 2-(m-chlorophenoxy)propionamide: **Use:** 2-(m-chlorophenoxy)propionamide
- 2-(m-chlorophenoxy)propionic acid: **Use:** cloprop
- 2-(N-ethoxybutyrimidoyl)-5-(2-ethylthiopropyl)-3-hydroxy-2-cyclohexen-1-one: **Use:** sethoxydim
- 2-(N-methoxy-N-methylcarbamoyl)-1-methylvinyl dimethyl phosphate, (E)-: **Use:** methocrotophos
- 2-(thiazol-4-yl)benzimidazole : **Use:** thiabendazole
- 2-(thiocyanomethylthio)benzothiazole: **Use:** TCMTB
- 2-AB: **Use:** sec-butylamine
- 2-amino-3-chloro-1,4-naphthalenedione: **Use:** quinochloramine
- 2-amino-3-chloro-1,4-naphthoquinone: **Use:** quinochloramine
- 2-amino-4-(2-aminoethoxy)-3-butenic acid monohydrochloride, (S-(E))-: **Use:** 2-amino-4-(2-aminoethoxy)3-butenic acid hydrochloride, (S)-trans-
- 2-amino-4-(2-aminoethoxy)-3-butenic acid, [S-(E)]-: **Use:** aminoethoxyvinylglycine
- 2-amino-4-(2-aminoethoxy)3-butenic acid hydrochloride, (S)-trans-: **Use:** 2-amino-4-(2-aminoethoxy)3-butenic acid hydrochloride, (S)-trans-
- 2-aminobenzimidazole: **Use:** 2-aminobenzimidazole
- 2-aminobutane: **Use:** sec-butylamine
- 2-benzothiazol-2-yloxy-N-methylacetanilide: **Use:** mefenacet
- 2-biphenylol, sodium salt: **Use:** sodium o-phenylphenate
- 2-bromo-3,3-dimethyl-N-(1-methyl-1-phenylethyl)butanamide: **Use:** bromobutide
- 2-bromo-N-( $\alpha,\alpha$ -dimethylbenzyl)-3,3-dimethylbutyramide, (RS)-: **Use:** bromobutide
- 2-butanamine: **Use:** sec-butylamine
- 2-butoxy-1-methylethyl ((4-amino-3,5-dichloro-6-fluoro-2-pyridinyl)oxyacetate: **Use:** fluroxypyr butoxypropyl ester
- 2-butylamine: **Use:** sec-butylamine
- 2-chloro-1-(2,4,5-trichlorophenyl) vinyl dimethyl phosphate: **Use:** Gardona
- 2-chloro-1-(2,4,5-trichlorophenyl)ethenyl dimethyl phosphate, (Z)-: **Use:** Gardona
- 2-chloro-1-(2,4,5-trichlorophenyl)vinyl dimethyl phosphate, (Z)-: **Use:** Gardona
- 2-chloro-1-(2,4-dichlorophenyl)ethenyl diethyl phosphate: **Use:** chlorfenvinphos
- 2-chloro-1-(2,4-dichlorophenyl)ethenyl diethyl phosphate, (E)-: **Use:** chlorfenvinphos, alpha-
- 2-chloro-1-(2,4-dichlorophenyl)ethenyl diethyl phosphate, (Z)-: **Use:** chlorfenvinphos, beta-
- 2-chloro-1-(2,4-dichlorophenyl)ethenyl dimethyl phosphate, (Z)-: **Use:** dimethylvinphos
- 2-chloro-1-(2,4-dichlorophenyl)ethenyl phosphoric acid diethyl ester: **Use:** chlorfenvinphos
- 2-chloro-1-(2,4-dichlorophenyl)vinyl diethyl phosphate: **Use:** chlorfenvinphos
- 2-chloro-1-(2,4-dichlorophenyl)vinyl dimethyl phosphate, (Z)-: **Use:** dimethylvinphos
- 2-chloro-1-(2,4-dichlorophenyl)vinyl phosphoric acid diethyl ester: **Use:** chlorfenvinphos
- 2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene: **Use:** oxyfluorfen
- 2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene: **Use:** nitrofluorfen
- 2-chloro-2',6'-diethyl-N-(2-propoxyethyl)acetanilide: **Use:** pretilachlor
- 2-chloro-2',6'-diethyl-N-methoxymethylacetanilide: **Use:**alachlor
- 2-chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate : **Use:** phosphamidon
- 2-chloro-2-propenyl diethylcarbamodithioate: **Use:** sulfallate
- 2-chloro-3-(diethylamino)-1-methyl-3-oxo-1-propenyl dimethyl phosphate: **Use:** phosphamidon
- 2-chloro-3-dimethoxyphosphinoxyloxy-N,N-diethylbut-2-enamide: **Use:** phosphamidon

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- 2-chloro-4'-fluoro- $\alpha$ -(5-pyrimidinyl)benzhydryl alcohol:  
**Use:** nuarimol
- 2-chloro-4'-fluoro- $\alpha$ -(pyrimidin-5-yl)benzhydryl alcohol, (RS)-: **Use:** nuarimol
- 2-chloro-4'-fluoro- $\alpha$ -(pyrimidin-5-yl)diphenylmethanol:  
**Use:** nuarimol
- 2-chloro-4-(1,1-dimethylethyl)phenyl methyl methylphosphoramidate: **Use:** crufomate
- 2-chloro-6'-ethyl-N-(2-methoxy-1-methylethyl)acet-o-toluidide, (aRS,1RS)-: **Use:** metolachlor
- 2-chloro-6'-ethyl-N-(2-methoxy-1-methylethyl)acet-o-toluidide, mixture of 80-100% (aRS,1S)- and 20-0% (aRS,1R)-: **Use:** S-metolachlor
- 2-chloro-6-(2-furanyl-methoxy)-4-(trichloromethyl)pyridine: **Use:** pyroxyfur
- 2-chloro-6-(trichloromethyl)pyridine: **Use:** nitrapyrin
- 2-chloro-6-nitro-3-phenoxyaniline: **Use:** aclonifen
- 2-chloro-6-nitro-3-phenoxybenzenamine:  
**Use:** aclonifen
- 2-chloro-9-hydroxy-9H-fluorene-9-carboxylic acid methyl ester: **Use:** chlorflurecol methyl ester
- 2-chloro-9-hydroxy-fluorene-9-carboxylic acid methyl ester: **Use:** chlorflurecol methyl ester
- 2-chloro- $\alpha,\alpha,\alpha$ -trifluoro-p-tolyl 3-ethoxy-4-nitrophenyl ether: **Use:** oxyfluorfen
- 2-chloro- $\alpha,\alpha,\alpha$ -trifluoro-p-tolyl 4-nitrophenyl ether:  
**Use:** nitrofluorfen
- 2-chloro-N,N,N-trimethylethanaminium chloride:  
**Use:** chlormequat chloride
- 2-chloro-N,N-di-2-propenylacetamide: **Use:** allidochlor
- 2-chloro-N,N-diallylacetamide: **Use:** allidochlor
- 2-chloro-N-(((4,6-dimethoxy-2-pyrimidinyl)amino)=carbonyl)imidazo(1,2-a)pyridine-3-sulfonamide:  
**Use:** imazosulfuron
- 2-chloro-N-(((4-(trifluoromethoxy)phenyl)amino)=carbonyl)benzamide: **Use:** triflumuron
- 2-chloro-N-(((4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino)carbonyl)benzenesulfonamide:  
**Use:** chlorsulfuron
- 2-chloro-N-(1-methylethyl)-N-phenylacetamide:  
**Use:** propachlor
- 2-chloro-N-(2,3-dimethylphenyl)-N-(1-methylethyl)acetamide: **Use:** xylachlor
- 2-chloro-N-(2,4-dimethyl-3-thienyl)-N-(2-methoxy-1-methylethyl)acetamide : **Use:** dimethenamid
- 2-chloro-N-(2,4-dimethyl-3-thienyl)-N-(2-methoxy-1-methylethyl)acetamide, (RS)-: **Use:** dimethenamid
- 2-chloro-N-(2,6-diethylphenyl)-N-(2-propoxyethyl)acetamide: **Use:** pretilachlor
- 2-chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide: **Use:** alachlor
- 2-chloro-N-(2,6-dimethylphenyl)-N-((3-methoxy-2-thienyl)methyl)acetamide: **Use:** thenylchlor
- 2-chloro-N-(2,6-dimethylphenyl)-N-(1H-pyrazol-1-ylmethyl)acetamide: **Use:** metazachlor
- 2-chloro-N-(2,6-dimethylphenyl)-N-(2-methoxyethyl)acetamide: **Use:** dimethachlor
- 2-chloro-N-(2,6-dimethylphenyl)-N-(tetrahydro-2-oxo-3-furanyl)acetamide, ( $\pm$ )-: **Use:** ofurace
- 2-chloro-N-(2,6-dinitro-4-(trifluoromethyl)phenyl)-N-ethyl-6-fluorobenzenemethanamine:  
**Use:** flumetralin
- 2-chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methylethyl)acetamide: **Use:** metolachlor
- 2-chloro-N-(2-methoxyethyl)acet-2',6'-xylidide:  
**Use:** dimethachlor
- 2-chloro-N-(3-methoxy-2-thenyl)-2',6'-dimethylacetanilide: **Use:** thenylchlor
- 2-chloro-N-(4'-chlorobiphenyl-2-yl)nicotinamide:  
**Use:** boscalid
- 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-3-pyridinecarboxamide: **Use:** boscalid
- 2-chloro-N-(ethoxymethyl)-N-(2-ethyl-6-methylphenyl)acetamide: **Use:** acetochlor
- 2-chloro-N-(pyrazol-1-ylmethyl)acet-2',6'-xylidide:  
**Use:** metazachlor
- 2-chloro-N-ethoxymethyl-6'-ethylacet-o-toluidide:  
**Use:** acetochlor
- 2-chloro-N-isopropylacet-2',3'-xylidide: **Use:** xylachlor
- 2-chloro-N-isopropylacetanilide: **Use:** propachlor
- 2-chloroallyl diethylthiocarbamate: **Use:** sulfallate
- 2-chloroethyl 2-(4-(1,1-dimethylethyl)phenoxy)-1-methylethyl sulfite: **Use:** aramite
- 2-chloroethylphosphonic acid: **Use:** ethephon
- 2-cyano-3-(methyl(phenylmethyl)amino)-2-propenoic acid : **Use:** benzamacril
- 2-cyano-3-(N-methylbenzylamino)acrylic acid:  
**Use:** benzamacril
- 2-cyano-N-((ethylamino)carbonyl)-2-(methoxyimino)acetamide: **Use:** cymoxanil
- 2-cyano-N-(1-(2,4-dichlorophenyl)ethyl)-3,3-dimethylbutanamide: **Use:** diclocymet
- 2-cyano-N-[(R)-1-(2,4-dichlorophenyl)ethyl]-3,3-dimethylbutyramide, (RS)-: **Use:** diclocymet
- 2-dimethoxyphosphinothioylthio-N-formyl-N-methylacetamide: **Use:** formothion
- 2-dimethoxyphosphinothioylthio-N-methylacetamide:  
**Use:** dimethoate
- 2-dimethylamino-5,6-dimethylpyrimidin-4-yl dimethylcarbamate: **Use:** pirimicarb
- 2-dimethylcarbamoyl-1-methylvinyl dimethyl phosphate, (E)-: **Use:** dicrotophos
- 2-ethoxy-1-methyl-2-oxoethyl 5-(2-chloro-4-(trifluoromethyl)phenoxy)-2-nitrobenzoate:  
**Use:** lactofen
- 2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl-methanesulfonate, ( $\pm$ )-: **Use:** ethofumesate
- 2-ethoxy-2,3-dihydro-3,3-dimethylbenzofuran-5-yl methanesulfonate, (RS)-: **Use:** ethofumesate
- 2-ethoxy-2-oxoethyl 5-(2-chloro-4-(trifluoromethyl)phenoxy)-2-nitrobenzoate:  
**Use:** fluoroglycofen ethyl ester
- 2-ethoxyethyl 2-(4-((3-chloro-5-(trifluoromethyl)-2-pyridinyl)oxy)phenoxy)propanoate:  
**Use:** haloxyfop ethoxyethyl ester
- 2-ethoxymethyl-4,6-dinitrophenol: **Use:** etinofen
- 2-ethoxyphenyl (((4,6-dimethoxy-2-pyrimidinyl)amino)carbonyl)sulfamate:  
**Use:** ethoxysulfuron
- 2-ethyl-4-((4-phenoxy-phenoxy)methyl)-1,3-dioxolane:  
**Use:** diofenolan
- 2-ethyl-mercaptomethyl-phenyl-N-methylcarbamate:  
**Use:** ethiofencarb
- 2-ethylthiomethylphenyl N-methylcarbamate:  
**Use:** ethiofencarb
- 2-heptadecyl-2-imidazoline acetate: **Use:** glyodin



- 2-heptadecyl-4,5-dihydro-1H-imidazole monoacetate: **Use:** glyodin
- 2-hydroxy-N,N,N-trimethylethanamimium chloride: **Use:** choline chloride
- 2-hydroxybiphenyl sodium salt: **Use:** sodium o-phenylphenate
- 2-imidazolidinethione: **Use:** ethylenethiourea
- 2-iodo-N-phenylbenzamide: **Use:** benodanil
- 2-iodobenzanilide: **Use:** benodanil
- 2-isopropoxyphenyl methylcarbamate: **Use:** propoxur
- 2-isopropylideneamino-oxyethyl (R)-2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propionate: **Use:** propaquizafop
- 2-isopropylphenyl methylcarbamate: **Use:** isoprocarb
- 2-mesyl-2-methylpropionaldehyde O-methylcarbamoyloxime: **Use:** aldoxycarb
- 2-methoxy-4H-(1.3.2)benzodioxaphosphorine 2-sulfide: **Use:** dioxabenzofos
- 2-methoxy-4H-1,2,3-benzodioxaphosphorine-2-sulfide: **Use:** dioxabenzofos
- 2-methoxy-4H-1,3,2-benzodioxaphosphorin 2-sulfide: **Use:** dioxabenzofos
- 2-methoxy-4H-1,3,2-benzodioxaphosphorin 2-sulphide: **Use:** dioxabenzofos
- 2-methoxy-4H-1,3,2-benzodioxaphosphorin-2-sulfide: **Use:** dioxabenzofos
- 2-methoxy-4H-1,3,2-lambda-5-benzodioxaphosphinine 2-sulphide: **Use:** dioxabenzofos
- 2-methoxy-4H-1,3,2-lambda-5-benzodioxaphosphinine 2-sulfide, (RS)-: **Use:** dioxabenzofos
- 2-methoxy-4H-1,3,2-lambda-5-benzodioxaphosphorine 2-sulfide, (RS)-: **Use:** dioxabenzofos
- 2-methoxy-4H-benzo-1,3,2-dioxaphosphorin 2-sulphide: **Use:** dioxabenzofos
- 2-methoxy-N-(2-oxo-1,3-oxazolidin-3-yl)acet-2',6'-xylylide: **Use:** oxadixyl
- 2-methoxycarbonyl-1-methylvinyl dimethyl phosphate: **Use:** mevinphos
- 2-methoxycarbonyl-1-methylvinyl dimethyl phosphate, (E)- : **Use:** mevinphos, (E)-
- 2-methoxycarbonyl-1-methylvinyl dimethyl phosphate, (Z)- : **Use:** mevinphos, (Z)-
- 2-methoxyethylmercury chloride: **Use:** MEMC
- 2-methoxyimino-N-methyl-2-(2-phenoxyphenyl)=acetamide, (E)-: **Use:** metominostrobin
- 2-methyl-1-[[[(1S)-(4-methylphenyl)ethyl]amino]=carbonyl]propyl carbamic acid methylethyl ester: **Use:** iprovalicarb
- 2-methyl-2-(methylsulfonyl) propionaldehyde O-(methylcarbamoyl) oxime: **Use:** aldoxycarb
- 2-methyl-2-(methylsulfonyl)propanal O-((methylamino)carbonyl)oxime: **Use:** aldoxycarb
- 2-methyl-2-(methylthio)propanal O-((methylamino)carbonyl)oxime: **Use:** aldicarb
- 2-methyl-2-(methylthio)propionaldehyde O-methylcarbamoyloxime: **Use:** aldicarb
- 2-methyl-3-furanilide: **Use:** fenfuram
- 2-methyl-4,6-dinitrophenol: **Use:** DNOC
- 2-methyl-4-chlorophenoxyacetic acid: **Use:** MCPA
- 2-methyl-4-oxo-3-(2-propenyl)-2-cyclopenten-1-yl 2,2,3,3-tetramethylcyclopropanecarboxylate: **Use:** terallethrin
- 2-methyl-4-oxo-3-(2-propenyl)-2-cyclopenten-1-yl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropane=carboxylate: **Use:** allethrin
- 2-methyl-4-oxo-3-(2-propenyl)-2-cyclopenten-1-yl-2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropane=carboxylate, (1R-(1A(S\*),3B))-: **Use:** S-bioallethrin
- 2-methyl-4-oxo-3-(2-propynyl)cyclopent-2-enyl-(1RS)-cis, trans-chrysanthemate,(RS)-: **Use:** prallethrin
- 2-methyl-4-oxo-3-(2-propynyl)-2-cyclopenten-1-yl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropane=carboxylate: **Use:** prallethrin
- 2-methyl-4-oxo-3-prop-2-ynylcyclopent-2-enyl (1R)-cis-trans-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate, (S)-: **Use:** prallethrin
- 2-methyl-5-(1-methylethenyl)-2-cyclohexen-1-one: **Use:** carvone
- 2-methyl-N-(3-(1-methylethoxy)phenyl)benzamide: **Use:** mepronil
- 2-methyl-N-phenyl-3-furancarboxamide: **Use:** fenfuram
- 2-methylbiphenyl-3-ylmethyl (Z)-(1RS,3RS)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate: **Use:** bifenthrin
- 2-naphthoxyacetic acid: **Use:** (2-naphthyl)oxyacetic acid
- 2-nitro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene: **Use:** fluorodifen
- 2-nitromethylene-1,3-thiazinane: **Use:** nithiazine
- 2-octyl-3(2H)-isothiazolone: **Use:** octhilinone
- 2-octylisothiazol-3(2H)-one: **Use:** octhilinone
- 2-p-chlorophenyl-2-(1H-1,2,4-triazol-1-ylmethyl)hexanenitrile : **Use:** myclobutanil
- 2-phenylphenol: **Use:** phenylphenol, o-
- 2-phenylphenol sodium salt: **Use:** sodium o-phenylphenate
- 2-propanamine 2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-3-pyridinecarboxylate: **Use:** imazapyr 2-propanaminium salt (1:1)
- 2-propynyl bromide: **Use:** propargyl bromide
- 2-propynyl-(R)-2-(4-(5-chloro-3-fluoro-2-pyridinyl)oxy)phenoxy)propanoate: **Use:** clodinafop-propargyl
- 2-propynyl-(R)-2-[4-(5-chloro-3-fluoro-2-pyridyl)oxy]phenoxy]propionate: **Use:** clodinafop-propargyl
- 2-sec-butyl-4,6-dinitrophenol: **Use:** dinoseb
- 2-sec-butyl-4,6-dinitrophenyl 3-methylcrotonate: **Use:** binapacryl
- 2-sec-butyl-4,6-dinitrophenyl isopropyl carbonate: **Use:** dinobuton
- 2-sec-butylphenyl methylcarbamate: **Use:** fenobucarb
- 2-tert-butyl-4,6-dinitrophenol: **Use:** dinoterb
- 2-tert-butyl-4,6-dinitrophenyl ethyl carbonate: **Use:** dinoterbon
- 2-tert-butyl-4-(2,4-dichloro-5-isopropoxyphenyl)-delta-2-1,3,4-oxadiazolin-5-one: **Use:** oxadiazon
- 2-tert-butyl-5-(4-tert-butylbenzylthio)-4-chloropyridazin-3(2H)-one: **Use:** pyridaben
- 2-tert-butylimino-3-isopropyl-5-phenyl-1,3,5-thiadiazinan-4-one: **Use:** buprofezin
- 2-[[[4,6-dimethoxypyrimidin-2-ylcarbamoyl]sulfamoyl]-alpha-(methanesulfonamido)-p-toluate: **Use:** mesosulfuron-methyl (prop)
- 2-[[[4-chlorophenyl]phenylacetyl]-1H-indene-1,3(2H)-dione: **Use:** chlorophacinone

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- 2-[(E)-1-[(E)-3-chloroallyloxyimino]propyl]-5-[2-(ethylthio)propyl]-3-hydroxycyclohex-2-enone, (RS)-: **Use:** clethodim
- 2-[1-(ethoximino)butyl]-5-[2-(ethylthio)-propyl]-3-hydroxy-2-cyclohexen-1-one: **Use:** sethoxydim
- 2-[1-(ethoxyimino)butyl]-3-hydroxy-5-thian-3-ylcyclohex-2-enone, (RS)-: **Use:** cycloxydim
- 2-[1-(ethoxyimino)propyl]-3-hydroxy-5-mesitylcyclohex-2-enone: **Use:** tralkoxydim
- 2-[2-(3-chlorophenyl)-2,3-epoxypropyl]-2-ethylindan-1,3-dione, (RS)-: **Use:** indanofan
- 2-[2-(4-chlorophenyl)-2-phenylacetyl]indan-1,3-dione: **Use:** chlorophacinone
- 2-[2-[4-(3,5-dichloro-2-pyridyloxy)phenoxy]propionyl]=isoxazolidine, (RS)-: **Use:** isoxapyrifop
- 2-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propenyl)oxy]=phenoxy]propoxy]-5-(trifluoromethyl)pyridine: **Use:** pyridalyl
- 2-[4-(2,4-dichloro-m-toluoyl)-1,3-dimethylpyrazol-5-yloxy]-4'-methylacetophenone: **Use:** benzofenap
- 2-[4-(2,4-dichlorobenzoyl)-1,3-dimethylpyrazol-5-yloxy]acetophenone: **Use:** pyrazoxyfen
- 2-[4-(3-chloro-5-trifluoromethyl-2-pyridyloxy)=phenoxy]propionic acid, (RS)-: **Use:** haloxyfop
- 2-[ethoxy(propylthio)phosphinoxyloxy]phenyl methylcarbamate: **Use:** phosphocarb
- 2-[[[(4,6-dimethoxy-2-pyrimidinyl)amino]carbonyl]=amino]sulfonyl]-4-(formylamino)-N,N-dimethylbenzamide: **Use:** foramsulfuron
- 2-[[[(4-chloro-6-methoxy-2-pyrimidinyl)amino]=carbonyl]amino]sulfonyl]benzoic acid ethyl ester: **Use:** chlorimuron ethyl ester
- 2-{1-[(2E)-3-chloroallyloxyimino]propyl}-3-hydroxy-5-perhydropyran-4-cyclohex-2-en-1-one, (EZ)-(RS)-: **Use:** tepraloxym
- 2-{1-[4-(3,5-difluorophenyl)semicarbazono]ethyl}=nicotinic acid: **Use:** diflufenopyr
- 2a,3,3,4,5,5a-hexachlorodecahydro-2,4,6-metheno-2H-cyclopenta(4,5)pentaleno(1,2-b)oxirene, (1aA,1bB,2A,2aB,4B,5B,5aB,5bB,6A,6aA)-: **Use:** photodieldrin
- 2β,4α,7-trihydroxy-1β-methyl-8-methylene-4α,4bβ-gibb-3-ene-1α,10β-dicarboxylic acid 1,4a-lactone: **Use:** gibberellic acid
- 2β,4α,7-trihydroxy-1-methyl-8-methylene-4α,4bβ-gibb-3-ene-1α,10β-dicarboxylic acid 1,4a-lactone: **Use:** gibberellic acid
- 2β,4α,7-trihydroxy-1-methylene-4α,4bβ-gibb-3-ene-1α,10β-dicarboxylic acid 1,4a lactone: **Use:** gibberellic acid
- 3',4'-dichloro-1,2,3,4-tetrahydro-6-hydroxy-1,3-dimethyl-2,4-dioxypyrimidine-5-carboxanilide: **Use:** fenoxacrim
- 3',4'-dichloropropionanilide: **Use:** propanil
- 3'-(1,1,1-trifluoromethanesulfonamido)acet-p-toluidide: **Use:** fluoridamid
- 3'-isopropoxy-2-(trifluoromethyl)benzanilide: **Use:** flutolanil
- 3'-isopropoxy-o-toluanilide: **Use:** mepronil
- 3,3'-(1,2-ethanediy)bis(tetrahydro-4,6-dimethyl-2H-1,3,5-thiadiazine-2-thione): **Use:** milneb
- 3,3-dimethyl-1-(methylthio)-2-butanone O-((methylamino)carbonyl)oxime: **Use:** thiofanox
- 3,3-dimethyl-1-methylthiobutanone O-methylcarbamoyloxime: **Use:** thiofanox
- 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-2,7:3,6-dimethanonaphth(2,3-b)oxirene, (1aA,2B,2aB,3A,6A,6aB,7B,7aA)-: **Use:** endrin
- 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-2,7:3,6-dimethanonaphth(2,3-b)oxirene, (1aA,2B,2aA,3B,6B,6aA,7B,7aA)-: **Use:** dieldrin
- 3,4,5,6-tetrachloro-N-(2,3-dichlorophenyl)phthalamic acid: **Use:** tecloftalam
- 3,4,5-trimethylphenyl methylcarbamate and 2,3,5-trimethylphenyl methylcarbamate: **Use:** trimethacarb
- 3,4,6,9,9-pentachloro-1a,2,2a,3,6,6a,7,7a-octahydro-2,7:3,6-dimethanonaphth(2,3-b)oxirene, (1aA,2B,2aA,3B,6B,6aA,7B,7aA)-: **Use:** photodieldrin B
- 3,4-dichloro-1-(4-fluorophenyl)-1H-pyrrole-2,5-dione: **Use:** fluoroimide
- 3,4-dihydro-5-methyl-2H-1-benzopyran-6-carboxylic acid 2-(3,5-dimethylbenzoyl)-2-(1,1-dimethylethyl)hydrazide: **Use:** chromafenozide
- 3,4-dihydro-6-methyl-2H-pyran-5-carboxanilide: **Use:** pyracarbolid
- 3,4-dihydro-6-methyl-N-phenyl-2H-pyran-5-carboxamide: **Use:** pyracarbolid
- 3,4-dimethylphenyl methylcarbamate: **Use:** xyllylcarb
- 3,4-xyllyl methylcarbamate: **Use:** xyllylcarb
- 3,5,6-trichloro-2-pyridyloxyacetic acid: **Use:** triclopyr
- 3,5-dibromo-4-hydroxybenzaldehyde 2,4-dinitrophenyloxime: **Use:** bromofenoxim
- 3,5-dibromo-4-hydroxybenzaldehyde O-(2,4-dinitrophenyl)oxime: **Use:** bromofenoxim
- 3,5-dibromo-4-hydroxybenzoxynitrile: **Use:** bromoxynil
- 3,5-dichloro-4-hydroxybenzoxynitrile: **Use:** chloroxynil
- 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)benzamide: **Use:** pronamide
- 3,5-dichloro-N-(1,1-dimethylpropynyl)benzamide: **Use:** pronamide
- 3,5-dichloro-N-(3-chloro-1-ethyl-1-methyl-2-oxopropyl)-4-methylbenzamide: **Use:** zoxamide
- 3,5-dichloro-N-(3-chloro-1-ethyl-1-methyl-2-oxopropyl)-p-toluamide, (RS)-: **Use:** zoxamide
- 3,5-diethylphenyl methylcarbamate: **Use:** fenethacarb
- 3,5-dihydro-5-methyl-2-(methylthio)-5-phenyl-3-(phenylamino)-4H-imidazol-4-one, (5S)-: **Use:** fenamidone
- 3,5-dimethyl-1,3,5-thiadiazinane-2-thione: **Use:** dazomet
- 3,5-dimethyl-4-(methylthio)phenyl methylcarbamate: **Use:** methiocarb
- 3,5-dimethylphenyl methylcarbamate: **Use:** XMC
- 3,5-dioxo-4-(1-oxopropyl)cyclohexanecarboxylic acid: **Use:** prohexadione
- 3,5-dioxo-4-propionylcyclohexanecarboxylic acid: **Use:** prohexadione
- 3,5-xyllyl methylcarbamate: **Use:** XMC
- 3,6-bis(2-chlorophenyl)-1,2,4,5-tetrazine: **Use:** clofentezine
- 3,6-dichloro-2-methoxybenzoic acid: **Use:** dicamba
- 3,6-dichloro-2-pyridinecarboxylic acid: **Use:** clopyralid
- 3,6-dichloro-o-anisic acid: **Use:** dicamba
- 3,6-dichloropyridine-2-carboxylic acid: **Use:** clopyralid
- 3,7,9,13-tetramethyl-5,11-dioxo-2,8,14-trithia-4,7,9,12-tetra-azapentadeca-3,12-diene-6,10-dione: **Use:** thiodicarb



- 3,7-dichloro-8-quinolinecarboxylic acid:  
**Use:** quinclorac
- 3,7-dichloroquinoline-8-carboxylic acid:  
**Use:** quinclorac
- 3-(((1-methylethoxy)carbonyl)amino)phenyl ethylphenylcarbamate: **Use:** phenisopham
- 3-(2-chloro-5-thiazolyl)methyltetrahydro-5-methyl-N-nitro-4H-1,3,5-oxadiazin-4-imine:  
**Use:** thiamethoxam
- 3-((methoxycarbonyl)amino)phenyl (3-methylphenyl)carbamate: **Use:** phenmedipham
- 3-(1-(3,5-dichlorophenyl)-1-methylethyl)-2,3-dihydro-6-methyl-5-phenyl-4H-1,3-oxazin-4-one:  
**Use:** oxaziclomefone
- 3-(1-ethylpropyl)phenyl methylcarbamate mixture with 3-(1-methylbutyl)phenyl methylcarbamate:  
**Use:** bufencarb
- 3-(1-hydroxyethylidene)-6-methyl-2H-pyran-2,4(3H)-dione sodium salt: **Use:** sodium dehydroacetate
- 3-(1-methyl-2-pyrrolidinyl)-pyridine sulfate, (S)-:  
**Use:** nicotine sulfate
- 3-(1-methyl-2-pyrrolidinyl)pyridine sulfate, (S)- (2:1):  
**Use:** nicotine sulfate
- 3-(1-methyl-2-pyrrolidinyl)pyridine, (S)-: **Use:** nicotine
- 3-(1-methylethyl)-1H-2,1,3-benzothiadiazin-4(3H)-one 2,2-dioxide: **Use:** bentazon
- 3-(1-methylpyrrolidin-2-yl)pyridine, (S)-: **Use:** nicotine
- 3-(2,2-dibromoethenyl)-2,2-dimethyl-, cyano(3-phenoxyphenyl)methyl cyclopropanecarboxylate, (1R-(1 A(S\*),3 A))-: **Use:** deltamethrin
- 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylic acid:  
**Use:** DCVA, trans-
- 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane=carboxylic acid, (1R-cis)-: **Use:** DCVA, cis-
- 3-(2,2-difluoroethoxy)-N-(5,8-dimethoxy[1,2,4]=triazolo[1,5-c]pyrimidin-2-yl)- $\alpha,\alpha,\alpha$ -trifluorotoluene-2-sulfonamide: **Use:** penoxsulam
- 3-(2,4-dichloro-5-(1-methylethoxy)phenyl)-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2-(3H)-one:  
**Use:** oxadiazon
- 3-(2,4-dichloro-5-(2-propenyloxy)phenyl)-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2-(3H)-one:  
**Use:** oxadiargyl
- 3-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-yl)-4(3H)-quinazolinone: **Use:** quinconazole
- 3-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-yl)-quinazolin-4(3H)-one: **Use:** quinconazole
- 3-(2,4-dichlorophenyl)-6-fluoro-2-(1H-1,2,4-triazol-1-yl)-4(3H)-quinazolinone: **Use:** fluquinconazole
- 3-(2,4-dichlorophenyl)-6-fluoro-2-(1H-1,2,4-triazol-1-yl)quinazolin-4(3H)-one: **Use:** fluquinconazole
- 3-(2-chloro-1,3-thiazol-5-ylmethyl)-5-methyl-1,3,5-oxadiazinan-4-ylidene(nitro)amine:  
**Use:** thiamethoxam
- 3-(2-chlorophenyl)-2-(4-fluorophenyl)-2-[(1H-1,2,4-triazol-1-yl)methyl]oxirane,(2RS,3SR)-:  
**Use:** epoxiconazole
- 3-(2-furanylmethyl)-2-methyl-4-oxo-2-cyclopenten-1-yl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropane=carboxylate: **Use:** furethrin
- 3-(2-propenyloxy)-1,2-benzisothiazole 1,1-dioxide:  
**Use:** probenazole
- 3-(3,4-dichlorophenyl)-1,1-dimethylurea: **Use:** diuron
- 3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea:  
**Use:** linuron
- 3-(3,5-dichlorophenyl)-1,5-dimethyl-3-azabicyclo(3.1.0)hexane-2,4-dione:  
**Use:** procymidone
- 3-(3,5-dichlorophenyl)-5-(methoxymethyl)-5-methyl-2,4-oxazolidinedione: **Use:** myclozolin
- 3-(3,5-dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione: **Use:** vinclozolin
- 3-(3,5-dichlorophenyl)-5-methoxymethyl-5-methyl-1,3-oxazolidine-2,4-dione, (RS)-: **Use:** myclozolin
- 3-(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide: **Use:** iprodione
- 3-(3,5-dichlorophenyl)-N-isopropyl-2,4-dioximidazolidine-1-carboxamide: **Use:** iprodione
- 3-(3-(4'-bromo(1,1'-biphenyl)-4-yl)-1,2,3,4-tetrahydro-1-naphthalenyl)-4-hydroxy-2H-1-benzothiopyran-2-one: **Use:** difethialone
- 3-(3-biphenyl-4-yl)-1,2,3,4-tetrahydro-1-naphthyl)-4-hydroxycoumarin: **Use:** difenacoum
- 3-(3-chloro-4-methoxyphenyl)-1,1-dimethylurea:  
**Use:** metoxuron
- 3-(3-chloro-p-tolyl)-1,1-dimethylurea:  
**Use:** chlorotoluron
- 3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea:  
**Use:** chlorbromuron
- 3-(4-bromophenyl)-1-methoxy-1-methylurea:  
**Use:** metabromuron
- 3-(4-chlorophenoxy)benzyl (RS)-2-(4-ethoxyphenyl)-3,3,3-trifluoropropyl ether: **Use:** flufenprox
- 3-(4-chlorophenyl)-1,1-dimethylurea: **Use:** monuron
- 3-(4-chlorophenyl)-1-methoxy-1-methylurea:  
**Use:** monolinuron
- 3-(4-isopropylphenyl)-1,1-dimethylurea :  
**Use:** isoproturon
- 3-(5-(2-chloro-4-(trifluoromethyl)phenoxy)-2-nitrophenoxy tetrahydrofuran): **Use:** furyloxifen
- 3-(5-tert-butylisoxazol-3-yl)-1,1-dimethylurea:  
**Use:** isouron
- 3-(6-chloro-3-pyridylmethyl)-1,3-thiazolidin-2-ylidene cyanamide, (Z)-: **Use:** thiacloprid
- 3-( $\alpha,\alpha$ -dimethylbenzyl)-1-methyl-1-phenylurea:  
**Use:** methylodymron
- 3-(dichloroacetyl)-5-(2-furanyl)-2,2-dimethylloxazolidine: **Use:** furilazole
- 3-(dimethylamino)-1-methyl-3-oxo-1-propenyl dimethyl phosphate, (E)-: **Use:** dicrotophos
- 3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea: **Use:** norea
- 3-(isopropoxycarbonylamino)phenyl N-ethylcarbanilate : **Use:** phenisopham
- 3-(methoxymethylamino)-1-methyl-3-oxo-1-propenyl dimethyl phosphate, (E)-: **Use:** methocrotophos
- 3-(methylthio)-2-butanone O-((methylamino)=carbonyl)oxime: **Use:** butocarboxim
- 3-(methylthio)butanone O-methylcarbamoyloxime:  
**Use:** butocarboxim
- 3-allyl-2-methyl-4-oxocyclopent-2-enyl (1RS,3RS;1RS,3SR)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate, (RS)-:  
**Use:** allethrin
- 3-allyl-2-methyl-4-oxocyclopent-2-enyl 2,2,3,3-tetramethylcyclopropanecarboxylate, (RS)-:  
**Use:** terallethrin

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- 3-allyloxy-1,2-benz[d]isothiazole 1,1-dioxide:  
**Use:** probenazole
- 3-amino-2,5-dichlorobenzoic acid: **Use:** chloramben
- 3-anilino-5-methyl-5-(4-phenoxyphenyl)-1,3-oxazolidine-2,4-dione: **Use:** famoxadone
- 3-AT: **Use:** amitrole
- 3-benzo(b)thien-2-yl-5,6-dihydro-1,4,2-oxathiazine 4-oxide: **Use:** bethoxazin
- 3-bromo-1-propyne: **Use:** propargyl bromide
- 3-bromopropyne: **Use:** propargyl bromide
- 3-chloro-4-(chloromethyl)-1-(3-(trifluoromethyl)phenyl)-2-pyrrolidinone: **Use:** flurochloridone
- 3-chloro-4-chloromethyl-1-( $\alpha,\alpha,\alpha$ -trifluoro-m-tolyl)-2-pyrrolidinone,(3RS,4RS;3RS,4SR)- (isomers in the ratio 3:1): **Use:** flurochloridone
- 3-chloro-4-[4-methyl-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-2-yl]phenyl 4-chlorophenyl ether, cis-trans-: **Use:** difenoconazole
- 3-chloro-5-(ethylsulfinyl)-2,4-thiophenedicarbonitrile: **Use:** thicyofen
- 3-chloro-5-ethylsulfinylthiophene-2,4-dicarbonitrile, (RS)-: **Use:** thicyofen
- 3-chloro-5-methyl-4-nitro-1H-pyrazole: **Use:** 3-chloro-5-methyl-4-nitro-1H-pyrazole
- 3-chloro-alpha-ethoxyimino-2,6-dimethoxybenzyl benzoate : **Use:** benzoximate
- 3-chloro-N-(3-chloro-2,6-dinitro-4-(trifluoromethyl)phenyl)-5-(trifluoromethyl)-2-pyridinamine: **Use:** fluazinam
- 3-chloro-N-(3-chloro-5-trifluoromethyl-2-pyridyl)-alpha,alpha,alpha-trifluoro-2,6-dinitro-p-toluidine: **Use:** fluazinam
- 3-CPA: **Use:** 2-(m-chlorophenoxy)propionamide
- 3-cyclo-octyl-1,1-dimethylurea: **Use:** cycluron
- 3-cyclohexyl-1,5,6,7-tetrahydrocyclopentapyrimidine-2,4(3H)-dione: **Use:** lenacil
- 3-cyclohexyl-6,7-dihydro-1H-cyclopentapyrimidine-2,4(3H,5H)-dione: **Use:** lenacil
- 3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1H,3H)-dione: **Use:** hexazinone
- 3-cyclohexyl-6-dimethylamino-1-methyl-1,3,5-triazine-2,4(1H,3H)-dione: **Use:** hexazinone
- 3-dichloroacetyl-5-(2-furyl)-2,2-dimethyloxazolidine, (RS)-: **Use:** furilazole
- 3-diethoxyphosphinothioylthiomethyl-5-isopropoxy-1,3,4-thiadiazol-2(3H)-one: **Use:** prothidathion
- 3-dimethoxyphosphinothioylthiomethyl-5-ethoxy-1,3,4-thiadiazol-2(3H)-one: **Use:** lythidathion
- 3-dimethoxyphosphinothioylthiomethyl-5-methoxy-1,3,4-thiadiazol-2(3H)-one: **Use:** methidathion
- 3-dimethoxyphosphinoxyloxy-N,N-dimethylisocrotonamide: **Use:** dicrotophos
- 3-dimethoxyphosphinoxyloxy-N-methoxy-N-methylisocrotonamide: **Use:** methocrotophos
- 3-dimethoxyphosphinoxyloxy-N-methylisocrotonamide: **Use:** monocrotophos
- 3-dimethylaminomethyleneaminophenyl methylcarbamate hydrochloride: **Use:** formetanate hydrochloride
- 3-dodecyl-1,4-dihydro-1,4-dioxo-2-naphthyl acetate: **Use:** acequinocyl
- 3-ethoxycarbonylaminophenyl 3'-methylcarbanilate : **Use:** phenmedipham-ethyl
- 3-ethoxycarbonylaminophenyl phenylcarbamate: **Use:** desmedipham
- 3-furfuryl-2-methyl-4-oxocyclopent-2-enyl (1RS)-cis-trans-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate, (RS)-: **Use:** furethrin
- 3-furfuryl-2-methyl-4-oxocyclopent-2-enyl ( $\pm$ )-cis-trans-chrysanthemate: **Use:** furethrin
- 3-hydroxycarbofuran: **Use:** 3-hydroxycarbofuran
- 3-isopropyl-1H-2,1,3-benzothiadiazin-4(3H)-one 2,2-dioxide: **Use:** bentazon
- 3-isopropyl-5-methylphenyl methylcarbamate: **Use:** promecarb
- 3-ketocarbofuran: **Use:** 3-ketocarbofuran
- 3-methoxy-2-methyl-2-(3,5-dimethylbenzoyl)-2-(1,1-dimethylethyl)hydrazide benzoic acid: **Use:** methoxyfenozide
- 3-methoxy-2-methylbenzoic acid 2-(3,5-dimethylbenzoyl)-2-(1,1-dimethylethyl)hydrazide: **Use:** methoxyfenozide
- 3-methoxy-6-phenyl-2,4-dioxo-5-aza-3-phosphahept-5-ene-7-nitrile 3-sulfide: **Use:** phoxim-methyl
- 3-methoxycarbonylaminophenyl 3'-methylcarbanilate: **Use:** phenmedipham
- 3-methyl-4,5-isoxazolidione 4-[(2-chlorophenyl)=hydrazone]: **Use:** drazoxolon
- 3-methyl-5-(1-methylethyl)phenyl methylcarbamate: **Use:** promecarb
- 3-methylphenyl methylcarbamate: **Use:** metolcarb
- 3-O-(2-amino-4-((carboxyiminomethyl)amino)-2,3,4,6-tetraoxy- $\alpha$ -D-arabino-hexopyranosyl)-D-chiro-inositol: **Use:** kasugamycin
- 3-oxetanyl 2-((((4,6-dimethyl-2-pyrimidinyl)amino)=carbonyl)amino)sulfonylbenzoate: **Use:** oxasulfuron
- 3-oxocarbofuran: **Use:** 3-ketocarbofuran
- 3-p-cumenyl-1,1-dimethylurea: **Use:** isoproturon
- 3-PBA: **Use:** 3-phenoxybenzenemethanol
- 3-phenoxybenzenemethanol:  
**Use:** 3-phenoxybenzenemethanol
- 3-phenoxybenzoic acid: **Use:** 3-phenoxybenzoic acid
- 3-phenoxybenzyl (1RS)-cis-trans-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate: **Use:** phenothrin
- 3-phenoxybenzyl (1RS)-cis-trans-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate: **Use:** permethrin
- 3-phenoxybenzyl (1RS)-trans-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate: **Use:** transpermethrin
- 3-phenoxybenzyl (1RS,3RS;1RS,3SR)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate : **Use:** permethrin
- 3-phenoxybenzyl (1RS,3SR)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate: **Use:** transpermethrin
- 3-phenoxybenzyl ( $\pm$ )-cis-trans-chrysanthemate: **Use:** phenothrin
- 3-phenoxybenzyl alcohol:  
**Use:** 3-phenoxybenzenemethanol
- 3-tert-butyl-5-chloro-6-methyluracil: **Use:** terbacil
- 3-trifluoromethylsulfonamido-p-acetotoluide: **Use:** fluoridamid
- 3-[(1RS,3RS;1RS,3SR)-3-(4'-bromobiphenyl-4-yl)-1,2,3,4-tetrahydro-1-naphthyl]-4-hydroxy-1-benzothi-in-2-one: **Use:** difethialone

- 3-[(ethoxycarbonyl)amino]phenyl (3-methylphenyl)=  
carbamate: **Use:** phenmedipham-ethyl
- 3-[1-(3,5-dichlorophenyl)-1-methylethyl]-3,4-dihydro-  
6-methyl-5-phenyl-2H-1,3-oxazin-4-one:  
**Use:** oxaziclomefone
- 3-[3-(1,1'-biphenyl)-4-yl]-1,2,3,4-tetrahydro-1-  
naphthalenyl]-4-hydroxy-2H-1-benzopyran-2-one:  
**Use:** difenacoum
- 3-[3-(4'-bromobiphenyl-4-yl)-3-hydroxy-1-phenyl=  
propyl]-4-hydroxycoumarin: **Use:** bromadiolone
- 3-[3-(4'-bromo[1,1'-biphenyl]-4-yl)-3-hydroxy-1-  
phenylpropyl]-4-hydroxy-2H-1-benzopyran-2-one:  
**Use:** bromadiolone
- 3-[4-(4-chlorophenoxy)phenyl]-1,1-dimethylurea:  
**Use:** chloroxuron
- 3-[4-(4-methoxyphenoxy)phenyl]-1,1-dimethylurea:  
**Use:** difenoxuron
- 3-[4-(5-tert-butyl-2,3-dihydro-2-oxo-1,3,4-oxadiazol-3-  
yl)-3-chlorophenyl]-1,1-dimethylurea:  
**Use:** dimefuron
- 3-[sec-butylthio(ethoxy)phosphinoyl]-1,3-thiazolidin-2-  
one, (RS)-: **Use:** fosthiazate
- 32 861 RP: **Use:** metoxadiazone
- 3a,4,7,7a-tetrahydro-2-((1,1,2,2-tetrachloroethylthio)-  
1H-isindole-1,3(2H)-dione): **Use:** captafol
- 3a,4,7,7a-tetrahydro-2-((trichloromethylthio)-1H-  
isindole-1,3(2H)-dione): **Use:** captan
- 3a,4,7,7a-tetrahydro-N-(1,1,2,2-tetrachloroethane=  
sulfenyl)phthalimide: **Use:** captafol
- 3b,4,5,6,6,6a-hexachlorodecahydro-2,5,7-metheno-  
3H-cyclopenta(a)pentalen-3-one, (2 A, 3a B, 3b B, 4  
B, 5 B, 6a B, 7 A, 7a B, 8R\*): **Use:** endrin ketone
- 4'-chloro-2'-( $\alpha$ -hydroxybenzyl)isonicotinamide:  
**Use:** inabenzide
- 4'-chloro-2,2,2-trifluoroacetophenone O-1,3-dioxolan-  
2-ylmethyloxime: **Use:** fluxofenim
- 4'-fluoro-N-isopropyl-2-[5-(trifluoromethyl)-1,3,4-  
thiadiazol-2-yloxy]acetanilide: **Use:** flufenacet
- 4'-methoxy-2-propyl-3'-chlorocarbanilate:  
**Use:** isopropyl (3-chloro-4-methoxyphenyl)=  
carbamate
- 4,4',6,6'-tetramethyl-3,3'-ethylenebis(tetrahydro-1H-  
1,3,5-thiadiazine-2-thione): **Use:** milneb
- 4,4',6,6'-tetramethyl-3,3'-ethylenedi-1,3,5-  
thiadiazinane-2-thione : **Use:** milneb
- 4,4'-dichlorobenzilic acid ethyl ester:  
**Use:** chlorobenzilate
- 4,4'-dichlorobenzilic acid isopropyl ester:  
**Use:** chloropropylate
- 4,4'-dichlorodiphenyltrichloroethane: **Use:** DDT, p,p'-
- 4,5,6,7,8,8-hexachloro-3a,4,7,7a-tetrahydro-4,7-  
methano-1H-inden-1-ol: **Use:** 1-hydroxychlorodene
- 4,5,6,7,8,8-hexahydro-3a,4,7,7a-tetrahydro-4,7-  
methano-1H-indene: **Use:** chlordene
- 4,5,6,7,8,8-hexahydro-3a,4,7,7a-tetrahydro-4,7-  
methanoindene: **Use:** chlordene
- 4,5,6,7-tetrachloro-1(3H)-isobenzofuranone:  
**Use:** phthalide
- 4,5,6,7-tetrachloro-1(3H)-isobenzofuranone:  
**Use:** fthalide
- 4,5,6,7-tetrachlorophthalide: **Use:** phthalide
- 4,5,6,7-tetrachlorophthalide: **Use:** fthalide
- 4,5-dihydro-5,5-diphenyl-1,2-oxazole-3-carboxylic  
acid: **Use:** isoxadifen
- 4,5-dihydro-5,5-diphenyl-3-isoxazolecarboxylic acid:  
**Use:** isoxadifen
- 4,5-dihydro-6-methyl-4-((3-pyridinylmethylene)amino)-  
1,2,4-triazin-3(2H)-one, (E)-: **Use:** pymetrozine
- 4,5-dihydro-6-methyl-4-(3-pyridylmethyleneamino)-  
1,2,4-triazin-3(2H)-one, (E)-: **Use:** pymetrozine
- 4,6-diamino-2-(cyclopropylamino)-5-  
pyrimidinecarbonitrile: **Use:** dicyclanil
- 4,6-diamino-2-cyclopropylaminopyrimidine-5-  
carbonitrile: **Use:** dicyclanil
- 4,6-dichloro-N-(2-chlorophenyl)-1,3,5-triazin-2-amine:  
**Use:** anilazine
- 4,6-dimethyl-2(1H)-pyrimidone (1-(2-methylphenyl)=  
ethylidene)hydrazone, (Z)-: **Use:** ferimzone
- 4,6-dimethyl-N-phenyl-2-pyrimidinamine:  
**Use:** pyrimethanil
- 4,6-dinitro-o-cresol: **Use:** DNOC
- 4,6-dinitrophenyl 2-(1-methylheptyl)-2-butenolate, (E)-:  
**Use:** dinocap
- 4-((3-amino-5-(aminoiminomethyl)methylamino)-1-  
oxopentyl)amino)-1-(4-amino-2-oxo-1(2H)-  
pyrimidinyl)-1,2,3,4-tetraoxy- $\beta$ -D-erythro-hex-2-  
enopyranuronic acid: **Use:** blasticidin S
- 4-(1,1-dimethylethyl)-N-(1-methylpropyl)-2,6-  
dinitrobenzenamine: **Use:** butralin
- 4-(1-methylethyl)-2,6-dinitro-N,N-  
dipropylbenzenamine: **Use:** isopropalin
- 4-(2,2-difluoro-1,3-benzodioxol-4-yl)-1H-pyrrole-3-  
carbonitrile: **Use:** fludioxonil
- 4-(2,2-difluoro-1,3-benzodioxol-4-yl)pyrrole-3-  
carbonitrile: **Use:** fludioxonil
- 4-(2,3-dichlorophenyl)-1H-pyrrole-3-carbonitrile:  
**Use:** fenpiclonil
- 4-(2,3-dichlorophenyl)pyrrole-3-carbonitrile:  
**Use:** fenpiclonil
- 4-(2,4-DB): **Use:** 2,4-DB
- 4-(2,4-dichlorobenzoyl)-1,3-dimethylpyrazol-5-yl  
toluene-4-sulfonate: **Use:** pyrazolynate
- 4-(2,4-dichlorophenoxy) butanoic acid: **Use:** 2,4-DB
- 4-(2,4-dichlorophenoxy)benzenamine:  
**Use:** aminonitrofen
- 4-(2,4-dichlorophenoxy)butyric acid: **Use:** 2,4-DB
- 4-(2-(3,5-dimethyl-2-oxocyclohexyl)-2-hydroxyethyl-  
2,6-piperidinedione, (1S-(1 A(S\*), 3 A, 5 B)))-:  
**Use:** cycloheximide
- 4-(2-(4-(1,1-dimethylethyl)phenyl)ethoxy)quinazoline:  
**Use:** fenazaquin
- 4-(2-chlorophenylhydrazono)-3-methyl-1,2-oxazol-  
5(4H)-one : **Use:** drazoxolon
- 4-(2-chlorophenylhydrazono)-3-methylisoxazol-5(4H)-  
one: **Use:** drazoxolon
- 4-(2-ethyl-1,3-dioxolan-4-ylmethoxy)phenyl phenyl  
ether: **Use:** diofenolan
- 4-(2-methanesulphonyl-4-trifluoromethylbenzoyl)-5-  
cyclopropyl isoxazole: **Use:** isoxaflutole
- 4-(2-methyl-4-chlorophenoxy) butyric acid: **Use:** MCPB
- 4-(3-(4-(1,1-dimethylethyl)phenyl)-2-methylpropyl)-2,6-  
dimethylmorpholine, cis-: **Use:** fenpropimorph
- 4-(3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl)-1-oxo-  
2-propenyl)morpholine: **Use:** dimethomorph
- 4-(4-chloro-2-methylphenoxy)butanoate: **Use:** MCPB
- 4-(4-chloro-o-tolyloxy)butyric acid: **Use:** MCPB
- 4-(4-chlorophenyl)-2-phenyl-2-(1H-1,2,4-triazol-1-  
ylmethyl)butyronitrile: **Use:** fenbuconazole



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- 4-(cyclopropyl- $\alpha$ -hydroxymethylene)-3,5-dioxo-cyclohexanecarboxylic acid ethyl ester:  
**Use:** trinexapac-ethyl
- 4-(dichloroacetyl)-1-oxa-4-azaspiro[4.5]decane:  
**Use:** 4-(dichloroacetyl)-1-oxa-4-azaspiro[4.5]decane
- 4-(dichloroacetyl)-3,4-dihydro-3-methyl-2H-1,4-benzoxazine: **Use:** benoxacor
- 4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxo-2-naphthacene-carboxamide: **Use:** oxytetracycline
- 4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxo-2-naphthacene-carboxamide monohydrochloride, (4S,4aR,5S,5aR,6S):  
**Use:** oxytetracycline hydrochloride
- 4-(dimethylamino)-3-methylphenyl methylcarbamate:  
**Use:** aminocarb
- 4-(dipropylamino)-3,5-dinitrobenzenesulfonamide:  
**Use:** oryzalin
- 4-(hydroxymethylphosphinyl)-L-2-aminobutanoyl-L-alanyl-L-alanine: **Use:** bilanafos
- 4-(methylsulfonyl)-2,6-dinitro-N,N-dipropylaniline:  
**Use:** nitralin
- 4-(methylsulfonyl)-2,6-dinitro-N,N-dipropylbenzenamine: **Use:** nitralin
- 4-(methylthio)phenyl dipropyl phosphate:  
**Use:** propaphos
- 4-amino-3,5,6-trichloro-2-pyridinecarboxylic acid:  
**Use:** picloram
- 4-amino-3,5,6-trichloro-2-pyridinecarboxylic acid compd. with 1,1',1"-nitriolotrtris(2-propanol) (1:1), mixt. with 1,1',1"-nitriolotrtris(2-propanol) (2,4-dichlor): **Use:** 2,4-D-picloram mixture
- 4-amino-3,5,6-trichloro-2-pyridinecarboxylic acid, monopotassium salt: **Use:** picloram-potassium
- 4-amino-3,5,6-trichloropicolinic acid: **Use:** picloram
- 4-amino-3,5,6-trichloropicolinic acid, monopotassium salt: **Use:** picloram-potassium
- 4-amino-3,5,6-trichloropicolinic acid, potassium salt:  
**Use:** picloram-potassium
- 4-amino-3,5,6-trichloropyridine-2-carboxylic acid :  
**Use:** picloram
- 4-amino-3,5,6-trichloropyridinecarboxylic acid, monopotassium salt: **Use:** picloram-potassium
- 4-amino-3,5-dichloro-6-fluoro-2-pyridyloxyacetic acid:  
**Use:** fluroxypyr
- 4-amino-3-methyl-6-phenyl-1,2,4-triazin-5(4H)-one:  
**Use:** metamitron
- 4-amino-4,5-dihydro-3-methyl-6-phenyl-1,2,4-triazin-5-one : **Use:** metamitron
- 4-amino-4,5-dihydro-N-(1,1-dimethylethyl)-3-(1-methylethyl)-5-oxo-1H-1,2,4-triazole-1-carboxamide: **Use:** amicarbazone
- 4-amino-6-(1,1-dimethylethyl)-1,2,4-triazine-3,5-(2H,4H)-dione: **Use:** metribuzin, diketo metabolite
- 4-amino-6-(1,1-dimethylethyl)-3-(ethylthio)-1,2,4-triazin-5(4H)-one: **Use:** Tycor
- 4-amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one: **Use:** metribuzin
- 4-amino-6-tert-butyl-3-methylthio-1,2,4-triazin-5(4H)-one: **Use:** metribuzin
- 4-amino-6-tert-butyl-4,5-dihydro-3-methylthio-1,2,4-triazin-5-one: **Use:** metribuzin
- 4-amino-N-(1,1-dimethylethyl)-4,5-dihydro-3-(1-methylethyl)-5-oxo-1H-1,2,4-triazole-1-carboxamide: **Use:** amicarbazone
- 4-amino-N-tert-butyl-4,5-dihydro-3-isopropyl-5-oxo-1H-1,2,4-triazole-1-carboxamide:  
**Use:** amicarbazone
- 4-aminopyridine: **Use:** 4-AP
- 4-amyl-4-hydroxybutyric acid lactone: **Use:** dihydro-5-pentyl-2(3H)-furanone
- 4-AP: **Use:** 4-AP
- 4-azido-N-(1-methylethyl)-6-(methylthio)-1,3,5-triazin-2-amine: **Use:** aziprotryn
- 4-azido-N-isopropyl-6-methylthio-1,3,5-triazin-2-ylamine: **Use:** aziprotryn
- 4-bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile:  
**Use:** chlorfenapyr
- 4-bromo-2-(4-chlorophenyl)-1-ethoxymethyl-5-trifluoromethylpyrrole-3-carbonitrile:  
**Use:** chlorfenapyr
- 4-chloro-2,3-dihydro-2-oxobenzothiazol-3-ylacetic acid:  
**Use:** benazolin
- 4-chloro-2-(1,1-dimethylethyl)-5-(((4-(1,1-dimethylethyl)phenyl)methyl)thio)-3(2H)-pyridazinone: **Use:** pyridaben
- 4-chloro-2-butynyl (3-chlorophenyl)carbamate:  
**Use:** barban
- 4-chloro-2-cyano-N,N-dimethyl-5-(4-methylphenyl)-1H-imidazole-1-sulfonamide: **Use:** cyazofamid
- 4-chloro-2-cyano-N,N-dimethyl-5-p-tolylimidazole-1-sulfonamide: **Use:** cyazofamid
- 4-chloro-2-mesylphenyl 5-cyclopropyl-1,2-oxazol-4-yl ketone: **Use:** isoxachlortole
- 4-chloro-2-oxo-3(2H)-benzothiazole acetic acid ethyl ester: **Use:** benazolin-ethyl
- 4-chloro-2-oxo-3(2H)-benzothiazoleacetic acid:  
**Use:** benazolin
- 4-chloro-2-oxo-3-benzothiazolineacetic acid, ethyl ester: **Use:** benazolin-ethyl
- 4-chloro-3-ethyl-1-methyl-N-((4-(4-methylphenoxy)=phenyl)methyl)-1H-pyrazole-5-carboxamide:  
**Use:** tolfenpyrad
- 4-chloro-3-ethyl-1-methyl-N-[4-(p-tolyloxy)benzyl]=pyrazole-5-carboxamide: **Use:** tolfenpyrad
- 4-chloro-5-(methylamino)-2-(3-(trifluoromethyl)=phenyl)-3(2H)-pyridazinone: **Use:** norflurazon
- 4-chloro-5-(methylamino)-2-( $\alpha,\alpha,\alpha$ -trifluoro-m-tolyl)-3-(2H)-pyridazinone: **Use:** norflurazon
- 4-chloro-5-(methylamino)-2-( $\alpha,\alpha,\alpha$ -trifluoro-m-tolyl)pyridazin-3-(2H)-one: **Use:** norflurazon
- 4-chloro-6-methoxy-1H-indole: **Use:** 4-chloro-6-methoxyindole
- 4-chloro-6-methoxyindole: **Use:** 4-chloro-6-methoxyindole
- 4-chloro- $\alpha,\alpha,\alpha$ -trifluoro-N-(1-imidazol-1-yl-2-propoxyethylidene)-o-toluidine, (E)-:  
**Use:** triflumizole
- 4-chloro- $\alpha$ -(4-chlorophenyl)- $\alpha$ -(trichloromethyl)=benzenemethanol: **Use:** dicofol
- 4-chloro- $\alpha$ -(4-chlorophenyl)- $\alpha$ -hydroxybenzeneacetic acid 1-methylethyl ester: **Use:** chloropropylate
- 4-chloro- $\alpha$ -(4-chlorophenyl)- $\alpha$ -hydroxybenzeneacetic acid ethyl ester: **Use:** chlorobenzilate

- 4-chloro-N-((4-(1,1-dimethylethyl)phenyl)methyl)-3-ethyl-1-methyl-1H-pyrazole-5-carboxamide:  
**Use:** tebufenpyrad
- 4-chloro-N-(2-chloro-4-nitrophenyl)-3-(trifluoromethyl)benzenesulfonamide:  
**Use:** flusulfamide
- 4-chloro-N-(cyanoethoxymethyl)benzamide:  
**Use:** zarilamid
- 4-chloro-N-[cyano(ethoxy)methyl]benzamide, (RS)-:  
**Use:** zarilamid
- 4-chloro-o-cresoxyacetic acid: **Use:** MCPA
- 4-chloro-o-tolylxyacetic acid: **Use:** MCPA
- 4-chlorobenzoic acid 2-benzoyl-2-(1,1-dimethylethyl)hydrazide: **Use:** halofenozide
- 4-chlorobenzyl 4-chlorophenyl sulfide:  
**Use:** chlorbenside
- 4-chlorobenzyl 4-chlorophenyl sulphide:  
**Use:** chlorbenside
- 4-chlorobenzyl N-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-yl)thioacetamidate: **Use:** imibenconazole
- 4-chlorobut-2-ynyl 3-chlorocarbanilate: **Use:** barban
- 4-chlorophenyl 2,4,5-trichlorophenyl sulfide :  
**Use:** tetrasul
- 4-chlorophenyl 2,4,5-trichlorophenyl sulfone :  
**Use:** tetradifen
- 4-chlorophenyl 4-chlorobenzenesulfonate: **Use:** ovex
- 4-chlorophenyl benzenesulfonate: **Use:** fenson
- 4-CPA: **Use:** 4-CPA
- 4-cyclododecyl-2,6-dimethylmorpholine acetate:  
**Use:** dodemorph acetate
- 4-cyclopropyl-6-methyl-N-phenyl-2-pyrimidinamine:  
**Use:** cyprodinil
- 4-cyclopropyl-6-methyl-N-phenylpyrimidin-2-amine:  
**Use:** cyprodinil
- 4-dichloroacetyl-3,4-dihydro-3-methyl-2H-1,4-benzoxazine, (RS)-: **Use:** benoxacor
- 4-dimethoxyphosphinothioxyloxy-N,N-dimethylbenzenesulfonamide: **Use:** famphur
- 4-dimethylamino-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxonaphthacene-2-carboxamide, (4S,4aR,5S,5aR,6S,12aS)-:  
**Use:** oxytetracycline
- 4-dimethylamino-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxonaphthacene-2-carboxamide monohydrochloride, (4S,4aR,5S,5aR,6S,12aS)-:  
**Use:** oxytetracycline hydrochloride
- 4-dimethylamino-m-tolyl methylcarbamate:  
**Use:** aminocarb
- 4-ethoxy-7-phenyl-3,5-dioxo-6-aza-4-phosphaoct-6-ene-8-nitrile 4-sulfide: **Use:** phoxim
- 4-hexenoic acid, 4-hexenoic acid, 2-acetyl-5-hydroxy-3-oxo, delta-lactone, sodium derivative:  
**Use:** sodium dehydroacetate
- 4-hydroxy-3,5-di-iodobenzonitrile: **Use:** ioxynil
- 4-hydroxy-3,5-di-iodophenyl cyanide: **Use:** ioxynil
- 4-hydroxy-3,5-diiodobenzonitrile: **Use:** ioxynil
- 4-hydroxynonanoic acid, gamma-lactone:  
**Use:** dihydro-5-pentyl-2(3H)-furanone
- 4-hydroxyundecanoic acid lactone: **Use:** dihydro-5-heptyl-2(3H)-furanone
- 4-methyl-2-methylthio-4-phenyl-(1H)-1-phenylamino-2-imidazolin-5-one, (+)-(4S): **Use:** fenamidone
- 4-methyl-N-phenyl-6-(1-propynyl)-2-pyrimidinamine:  
**Use:** mepanipyrim
- 4-methylsulfonyl-2,6-dinitro-N,N-dipropylaniline:  
**Use:** nitralin
- 4-methylthio-3,5-xylyl methylcarbamate:  
**Use:** methiocarb
- 4-nitrophenyl 2,4,6-trichlorophenyl ether:  
**Use:** chlornitrofen
- 4-nitrophenyl 2-nitro-4-(trifluoromethyl) phenyl ether:  
**Use:** fluorodifen
- 4-nitrophenyl  $\alpha,\alpha,\alpha$ -trifluoro-2-nitro-p-tolyl ether:  
**Use:** fluorodifen
- 4-nonalactone: **Use:** dihydro-5-pentyl-2(3H)-furanone
- 4-nonanolide: **Use:** dihydro-5-pentyl-2(3H)-furanone
- 4-pentenyl 2-((2-furanylmethyl)(1H-imidazol-1-ylcarbonyl)amino)butanoate: **Use:** pefurazoate
- 4-pentyl-butanolide: **Use:** dihydro-5-pentyl-2(3H)-furanone
- 4-phenoxyphenyl (RS)-2-(2-pyridyloxy)propyl ether:  
**Use:** pyriproxyfen
- 4-phenoxyphenyl(RS)-2-(2-pyridyloxy)propyl ether:  
**Use:** pyriproxyfen
- 4-pyridinamine: **Use:** 4-AP
- 4-tert-butyl-2-chlorophenyl methyl methylphosphoramidate: **Use:** crufomate
- 4-tert-butylphenethyl quinazolin-4-yl ether:  
**Use:** fenazaquin
- 4-tolylarsonic acid: **Use:** (4-methylphenyl) arsonic acid
- 4-undecanolide: **Use:** dihydro-5-heptyl-2(3H)-furanone
- 4-[3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl)=acryloyl]morpholine, (E,Z)-: **Use:** dimethomorph
- 4-[3-(4-tert-butylphenyl)-2-methylpropyl]-2,6-dimethylmorpholine,  
(RS)-cis-4(RS)-cis-: **Use:** fenpropimorph
- 4-[3-(4-tert-butylphenyl)-2-methylpropyl]-2,6-dimethylmorpholine, ( $\pm$ )-cis-: **Use:** fenpropimorph
- 4-[hydroxy(methyl)phosphinoyl]-L-homoalanyl-L-alanyl-L-alanine: **Use:** bilanafos
- 4-[(2R)-2-[(1S,3S,5S)-(3,5-dimethyl-2-oxocyclohexyl)]-2-hydroxyethyl]piperidine-2,6-dione:  
**Use:** cycloheximide
- 4PU-30: **Use:** forchlorfenuron
- 5'-(1,1,1-trifluoromethanesulfonamido)acet-2',4'-xylidide: **Use:** mefluidide
- 5, 7-dichloro-4-(4-fluorophenoxy)quinoline:  
**Use:** quinoxifen
- 5,10-dihydro-5,10-dioxonaphtho(2,3-b)-1,4-dithiin-2,3-dicarbonitrile: **Use:** dithianon
- 5,10-dihydro-5,10-dioxonaphtho[2,3-b]-1,4-dithiin-2,3-dicarbonitrile: **Use:** dithianon
- 5,5-dimethylperhydropyrimidin-2-one-4-trifluoromethyl- $\alpha$ -(4-trifluoromethylstyryl)=cinnamylidenehydrazone: **Use:** hydramethylnon
- 5,6-dihydro-2-methyl-1,4-oxathi-ine-3-carboxanilide:  
**Use:** carboxin
- 5,6-dihydro-2-methyl-1,4-oxathi-ine-3-carboxanilide 4,4-dioxide: **Use:** oxycarboxin
- 5,6-dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide: **Use:** carboxin
- 5,6-dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide 4,4-dioxide: **Use:** oxycarboxin
- 5,7-dichloro-4-quinolyl 4-fluorophenyl ether:  
**Use:** quinoxifen



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- 5-((2-(2-butoxyethoxy)ethoxy)methyl)-6-propyl-1,3-benzodioxole: **Use:** piperonyl butoxide
- 5-((4-chlorophenyl)methyl)-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol: **Use:** metconazole
- 5-((4-chlorophenyl)methylene)-2,2-dimethyl-1-(1H-1,2,4-triazole-1-ylmethyl)cyclopentanol: **Use:** triticonazole
- 5-((4-chlorophenyl)sulfinyl)-1,2,4-trichlorobenzene: **Use:** tetrasul sulfoxide
- 5-(2,4-dichlorophenoxy)-2-nitroanisole: **Use:** chlomethoxyfen
- 5-(2,4-dichlorophenyl)tetrahydro-5-(1H-1,2,4-triazol-1-ylmethyl)-2-furyl 2,2,2-trifluoroethyl ether, (2RS,5RS)-: **Use:** furconazole-cis
- 5-(2-chloro-4-(trifluoromethyl)phenoxy)-2-nitrobenzoic acid: **Use:** acifluorfen
- 5-(2-chloro-6-fluoro-4-(trifluoromethyl)phenoxy)-N-(ethylsulfonyl)-2-nitrobenzamide: **Use:** halosafen
- 5-(2-chloro- $\alpha,\alpha,\alpha$ -6-tetrafluoro-p-tolyloxy)-N-ethylsulfonyl-2-nitrobenzamide: **Use:** halosafen
- 5-(2-chloro- $\alpha,\alpha,\alpha$ -trifluoro-p-tolyloxy)-2-nitrophenyl tetrahydro-3-furyl ether, (RS)-: **Use:** furyloxyfen
- 5-(4-chlorobenzyl)-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol, (1RS,5RS;1RS,5SR)-: **Use:** metconazole
- 5-(4-chlorobenzylidene)-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol, (RS)-(E)-: **Use:** triticonazole
- 5-(4-chlorophenyl)-2,3-diphenylthiophene: **Use:** triarathene
- 5-(4-chlorophenyl)-N-cyclohexyl-4-methyl-2-oxo-1,3-thiazolidine-3-carboxamide, (4RS,5RS)-: **Use:** hexythiazox
- 5-(4-chlorophenyl)-N-cyclohexyl-4-methyl-2-oxo-3-thiazolidinecarboxamide, trans-: **Use:** hexythiazox
- 5-(methylamino)-2-phenyl-4-(3-(trifluoromethyl)=phenyl)-3(2H)-furanone, ( $\pm$ )-: **Use:** flurtamone
- 5-(methylamino)-2-phenyl-4-( $\alpha,\alpha,\alpha$ -trifluoro-m-tolyl)-3(2H)-furanone: **Use:** flurtamone
- 5-acetyl-8-quinolinol sulfate: **Use:** quinacetol sulfate
- 5-amino-1-(2,6-dichloro-4',4'-trifluoro-p-tolyl)-4-trifluoromethylsulfinylpyrazole-3-carbonitrile, (RS)-: **Use:** fipronil
- 5-amino-1-(2,6-dichloro-4-(trifluoromethyl)phenyl)-4-((trifluoromethyl)sulfinyl)-1H-pyrazole-3-carbonitrile: **Use:** fipronil
- 5-amino-1-(2,6-dichloro-4-(trifluoromethyl)phenyl)-4-(ethylsulfinyl)-1H-pyrazole-3-carbonitrile: **Use:** ethiprole
- 5-amino-1-(2,6-dichloro- $\alpha,\alpha,\alpha$ -trifluoro-p-tolyl)-4-ethylsulfinylpyrazole-3-carbonitrile: **Use:** ethiprole
- 5-amino-4-chloro-2-phenyl-3-(2H)-pyridazinone: **Use:** pyrazon
- 5-amino-4-chloro-2-phenylpyridazin-3(2H)-one: **Use:** pyrazon
- 5-benzyl-3-furylmethyl (1R,3R)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate: **Use:** bioresmethrin
- 5-benzyl-3-furylmethyl (1R,3S)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate: **Use:** cismethrin
- 5-benzyl-3-furylmethyl (1RS,3RS;1RS,3SR)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropane-carboxylate : **Use:** resmethrin
- 5-benzyl-3-furylmethyl (E)-(1R)-trans-3-(2-methoxy=carbonylprop-1-enyl)-2,2-dimethylcyclopropane-carboxylate: **Use:** pyresmethrin
- 5-benzyl-3-furylmethyl (E)-(1R,3R)-3-(2-methoxy=carbonylprop-1-enyl)-2,2-dimethylcyclopropane-carboxylate: **Use:** pyresmethrin
- 5-benzyl-3-furylmethyl ( $\pm$ )-cis-trans-chrysanthemate : **Use:** resmethrin
- 5-benzyl-3-furylmethyl (1RS)-cis-trans-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate: **Use:** resmethrin
- 5-benzyl-3-furylmethyl pyrethrate: **Use:** pyresmethrin
- 5-bromo-3-sec-butyl-6-methyluracil: **Use:** bromacil
- 5-bromo-6-methyl-3-(1-methylpropyl)-2,4(1H,3H)-pyrimidinedione: **Use:** bromacil
- 5-butyl-2-(dimethylamino)-6-methyl-4(1H)-pyrimidinone: **Use:** dimethirimol
- 5-butyl-2-(ethylamino)-6-methyl-4(1H)-pyrimidinone: **Use:** ethirimol
- 5-butyl-2-(ethylamino)-6-methyl-4-pyrimidinyl dimethylsulfamate: **Use:** bupirimate
- 5-butyl-2-dimethylamino-6-methylpyrimidin-4-ol: **Use:** dimethirimol
- 5-butyl-2-ethylamino-6-methylpyrimidin-4-ol: **Use:** ethirimol
- 5-butyl-2-ethylamino-6-methylpyrimidin-4-yl dimethylsulfamate: **Use:** bupirimate
- 5-chloro-2-(2,4-dichlorophenoxy)phenol: **Use:** cloxifenolium
- 5-chloro-3-(1,1-dimethylethyl)-6-methyl-2,4(1H,3H)-pyrimidinedione: **Use:** terbacil
- 5-chloro-3-methyl-4-nitro-1H-pyrazole: **Use:** 3-chloro-5-methyl-4-nitro-1H-pyrazole
- 5-chloro-3-methyl-4-nitropyrazole: **Use:** 3-chloro-5-methyl-4-nitro-1H-pyrazole
- 5-chloro-N-(1,3-dihydro-1,1,3-trimethyl-4-isobenzofuran-1,3-dimethyl-1H-pyrazole-4-carboxamide): **Use:** furametpyr
- 5-chloro-N-(1,3-dihydro-1,1,3-trimethylisobenzofuran-4-yl)-1,3-dimethylpyrazole-4-carboxamide, (RS)-: **Use:** furametpyr
- 5-chloro-N-(1-(4-(difluoromethoxy)phenyl)propyl)-6-methyl-4-pyrimidinamine, ( $\pm$ )-: **Use:** diflumetorim
- 5-chloro-N-(2-(4-(2-ethoxyethyl)-2,3-dimethyl=phenoxy)ethyl)-6-ethyl-4-pyrimidinamine: **Use:** pyrimidifen
- 5-chloro-N-(2-chloro-4-nitrophenyl)-2-hydroxybenzamide: **Use:** niclosamide
- 5-chloro-N-[1-(4-difluoromethoxyphenyl)propyl]-6-methylpyrimidin-4-amine, (RS)-: **Use:** diflumetorim
- 5-chloro-N-{2-[4-(2-ethoxyethyl)-2,3-dimethylphenoxy]ethyl}-6-ethylpyrimidin-4-amine: **Use:** pyrimidifen
- 5-cyclopropyl-1,2-oxazol-4-yl  $\alpha,\alpha,\alpha$ -trifluoro-2-mesyl-p-tolyl ketone: **Use:** isoxaflutole
- 5-cyclopropyl-4-(2-methylsulfonyl-4-trifluoromethyl benzoyl)isoxazole: **Use:** isoxaflutole
- 5-dipropylamino- $\alpha,\alpha,\alpha$ -trifluoro-4,6-dinitro-o-toluidine : **Use:** prodiamine
- 5-ethoxy-3-(trichloromethyl)-1,2,4-thiadiazole: **Use:** etridiazole
- 5-ethyl-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinate, (RS)-, salt of: **Use:** imazethapyr ammonium salt

- 5-ethyl-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinic acid, (RS)-: **Use:** imazethapyr
- 5-ethyl-5,8-dihydro-8-oxo-1,3-dioxolo(4,5-g)quinoline-7-carboxylic acid: **Use:** oxolinic acid
- 5-ethyl-5,8-dihydro-8-oxo[1,3]dioxolo[4,5-g]quinoline-7-carboxylic acid: **Use:** oxolinic acid
- 5-heptyldihydro-2(3H)-furanone: **Use:** dihydro-5-heptyl-2(3H)-furanone
- 5-isopropenyl-2-methylcyclohex-2-en-1-one : **Use:** carvone
- 5-methoxy-3-(2-methoxyphenyl)-1,3,4-oxadiazol-2(3H)-one: **Use:** metoxadiazone
- 5-methyl-1,2,4-triazolo(3,4-b)-benzothiazole: **Use:** tricyclazole
- 5-methyl-1,2,4-triazolo[3,4-b][1,3]benzothiazole: **Use:** tricyclazole
- 5-methyl-1,2-oxazol-3-ol: **Use:** hymexazol
- 5-methyl-3(2H)-isoxazolone: **Use:** hymexazol
- 5-methyl-5-(4-phenoxyphenyl)-3-((phenylamino)-2,4-oxazolidinedione): **Use:** famoxadone
- 5-methyl-m-cumenyl methylcarbamate : **Use:** promecarb
- 5-methylamino-2-phenyl-4-( $\alpha,\alpha,\alpha$ -trifluoro-m-tolyl)furan-3(2H)-one, (RS)-: **Use:** flurtamone
- 5-nitroguaiacol sodium salt: **Use:** Atonik G
- 5-O-demethyl-28-deoxy-6,28-epoxy-25-ethylmilbemycin B, (6R,25R)-: **Use:** milbemectin A4
- 5-O-demethyl-28-deoxy-6,28-epoxy-25-methylmilbemycin B, (6R,25R)-: **Use:** milbemectin A3
- 5-tert-butyl-2-[2-(2,6-difluorophenyl)-4,5-dihydro-1,3-oxazol-4-yl]phenetole, (RS)-: **Use:** etoxazole
- 5-tert-butyl-3-(2,4-dichloro-5-isopropoxyphenyl)-1,3,4-oxadiazol-2(3H)-one: **Use:** oxadiazon
- 5-tert-butyl-3-[2,4-dichloro-5-(prop-2-ynyloxy)phenyl]-1,3,4-oxadiazol-2(3H)-one: **Use:** oxadiargyl
- 5-[1-[2-(2-ethoxyethoxy)ethoxy]ethoxy]-1,3-benzodioxole: **Use:** sesamex
- 5-[2-(2-butoxyethoxy)ethoxymethyl]-6-propyl-1,3-benzodioxole : **Use:** piperonyl butoxide
- 5-[1-[2-(2-ethoxyethoxy)ethoxy]ethoxy]-1,3-benzodioxole: **Use:** sesamex
- 6,11-dihydroxy-3-methyl-12-methylene-2-oxo-4a,6-ethano-3,8b-prop-1-enoperhydroindeno(1,2-b)furan-4-carboxylic acid, (3S,3aS,4S,4aS,6S,8aS,8bS,11S)-: **Use:** gibberellic acid
- 6,11-dihydroxy-3-methyl-12-methylene-2-oxo-4a,6-ethano-3,8b-prop-1-enoperhydroindeno(1,2-b)furan-4-carboxylic acid, (3S,3aS,4S,4aS,6S,8aR,8bR,11S)-: **Use:** gibberellic acid
- 6,11-dihydroxy-3-methyl-12-methylene-2-oxo-4a,6-ethano-3,8b-prop-1-enoperhydroindeno(1,2-b)furan-4-carboxylic acid, (3S,3aR,4S,4aS,6S,8aR,8bR,11S)-: **Use:** gibberellic acid
- 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin 3-oxide: **Use:** endosulfan
- 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin 3-oxide, (3 A, 5a B, 6 A, 9 A, 9a B)-: **Use:** endosulfan I
- 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin 3-oxide: **Use:** endosulfan
- 6,7-dihydrodipyrido(1,2-a:2',1'-c)pyrazinediinium ion: **Use:** diquat
- 6,7-dihydrodipyrido[1,2-a:2',1'-c]pyrazine-5,8-di-ium : **Use:** diquat
- 6-((6,7-dihydro-6,6-dimethyl-3H,5H-pyrrolo(2,1-c)(1,2,4)thiadiazol-3-ylidene)amino)-7-fluoro-4-(2-propynyl)-2H-1,4-benzoxazin-3(4H)-one, (Z)-: **Use:** thidiazimin
- 6-(1,1-dimethylethyl)-1,2,4-triazine-3,5(2H,4H)-dione: **Use:** metribuzin, deaminated diketo metabolite
- 6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one: **Use:** metribuzin, deaminated metabolite
- 6-(3,5-dichloro-4-methylphenyl)-3(2H)-pyridazinone: **Use:** diclomezine
- 6-(3,5-dichlorophenyl-p-tolyl)pyridazin-3(2H)-one: **Use:** diclomezine
- 6-(6,7-dihydro-6,6-dimethyl-3H,5H-pyrrolo[2,1-c][1,2,4]thiadiazol-3-ylideneamino)-7-fluoro-4-(prop-2-ynyl)-2H-1,4-benzoxazin-3(4H)-one, (Z)-: **Use:** thidiazimin
- 6-(ethylthio)-N,N'-bis(1-methylethyl)-1,3,5-triazine-2,4-diamine: **Use:** dipropetryn
- 6-benzyladenine: **Use:** 6-benzyladenine
- 6-chloro-3-phenyl-4-pyridazinol: **Use:** pyridafol
- 6-chloro-3-phenyl-pyridazine-4-ol: **Use:** pyridafol
- 6-chloro-3-phenylpyridazin-4-ol: **Use:** pyridafol
- 6-chloro-3-phenylpyridazin-4-yl S-octyl thiocarbonate: **Use:** pyridate
- 6-chloro-4-trichloromethyl-2-pyridyl furfuryl ether: **Use:** pyroxyfur
- 6-chloro-N,N'-bis(1-methylethyl)-1,3,5-triazine-2,4-diamine: **Use:** propazine
- 6-chloro-N,N'-diethyl-1,3,5-triazine-2,4-diamine: **Use:** simazine
- 6-chloro-N,N,N'-triethyl-1,3,5-triazine-2,4-diamine: **Use:** trietazine
- 6-chloro-N-(1,1-dimethylethyl)-N'-ethyl-1,3,5-triazine-2,4-diamine: **Use:** terbuthylazine
- 6-chloro-N-cyclopropyl-N'-(1-methylethyl)-1,3,5-triazine-2,4-diamine: **Use:** cyprazine
- 6-chloro-N-ethyl-N'-(1-methylethyl)-1,3,5-triazine-2,4-diamine: **Use:** atrazine
- 6-chloro-N<sub>2</sub>,N<sub>2</sub>,N<sub>4</sub>-triethyl-1,3,5-triazine-2,4-diamine: **Use:** trietazine
- 6-chloro-N<sub>2</sub>,N<sub>4</sub>-diethyl-1,3,5-triazine-2,4-diamine: **Use:** simazine
- 6-chloro-N<sub>2</sub>-ethyl-N<sub>4</sub>-isopropyl-1,3,5-triazine-2,4-diamine: **Use:** atrazine
- 6-ethoxy-1,2-dihydro-2,2,4-trimethylquinoline: **Use:** ethoxyquin
- 6-ethylthio-N<sub>2</sub>,N<sub>4</sub>-di-isopropyl-1,3,5-triazine-2,4-diamine: **Use:** dipropetryn
- 6-furfurylaminopurine: **Use:** kinetin
- 6-hydroxy-2H-pyridazin-3-one : **Use:** maleic hydrazide
- 6-methoxy-N,N'-bis(1-methylethyl)-1,3,5-triazine-2,4-diamine: **Use:** prometon
- 6-methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one: **Use:** oxythioquinox

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6-methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one :  
**Use:** oxythioquinox

6-methyl-2-(1-methylethyl)-4(1H)-pyrimidinone:  
**Use:** G-27550

7,12-dihydroxy-3-methyl-6-methylene-2-oxoperhydro-4a,7-methano-9b,3-propeno(1,2-b)furan-4-carboxylic acid, (3S,3aS,4S,4aS,7S,9aR,9bR,12S)-:  
**Use:** gibberellic acid

7,12-dihydroxy-3-methyl-6-methylene-2-oxoperhydro-4a,7-methano-9b,3-propenoazuleno(1,2-b)furan-4-carboxylic acid, (3S,3aR,4S,4aS,7S,9aR,9bR,12S)-:  
**Use:** gibberellic acid

7,12-dihydroxy-3-methyl-6-methylene-2-oxoperhydro-4a,7-methano-9b,3-propeno[1,2-b]furan-4-carboxylic acid, (3S,3aS,4S,4aS,7S,9aR,9bR,12S)-:  
**Use:** gibberellic acid

7-(2-chlorophenyl)-4-ethoxy-3,5-dioxa-6-aza-4-phosphaoct-6-ene-8-nitrile 4-sulfide:  
**Use:** chlorphoxim

7-bromo-5-chloro-8-quinolinyl 2-propenoate:  
**Use:** halacrinat

7-bromo-5-chloro-8-quinolyl acrylate: **Use:** halacrinat

7-chloro-3-(1H-imidazol-1-yl)-1,2,4-benzotriazine-1-oxide: **Use:** triazoxide

7-chloro-3-imidazol-1-yl-1,2,4-benzotriazine 1-oxide:  
**Use:** triazoxide

7-chloro-3-methyl-8-quinolinecarboxylic acid:  
**Use:** quinmerac

7-chloro-3-methylquinoline-8-carboxylic acid:  
**Use:** quinmerac

7-chlorobicyclo[3.2.0]hepta-2,6-dien-6-yl dimethyl phosphate: **Use:** heptenophos

7-chlorobicyclo[3.2.0]hepta-2,6-dien-6-yl dimethyl phosphate: **Use:** heptenophos

7-fluoro-6-(3,4,5,6-tetrahydrophthalimido)-4-(2-propynyl)-1,4-benzoxazin-3(2H)-one:  
**Use:** flumioxazin

7-hydroxy-2,2-dimethyl-3(2H)-benzofuranone methylcarbamate: **Use:** 3-ketocarbofuran

7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid:  
**Use:** endothall

7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid:  
**Use:** endothall

8-(1,1-dimethylethyl)-N-ethyl-N-propyl-1,4-dioxaspiro[4.5]decane-2-methanamine:  
**Use:** spiroxamine

8-tert-butyl-1,4-dioxaspiro[4.5]decan-2-ylmethyl(ethyl)(propyl)amine: **Use:** spiroxamine

9,10-dihydro-8a,10a-diazoniaphenanthrene:  
**Use:** diquat

9-dechlorodieldrin: **Use:** photodieldrin B

## A

Aatrex: **Use:** atrazine

abamectin: **Use:** abamectin

Abate: **Use:** temephos

AC 222,293: **Use:** imazamethabenz methyl ester

AC 222,705: **Use:** flucythrinate

AC 243,997: **Use:** imazapyr

AC 252,214: **Use:** imazaquin

AC 252925: **Use:** imazapyr 2-propanaminium salt (1:1)

AC 263,222: **Use:** imazapic

AC 263,222 ammonium salt:  
**Use:** imazapic ammonium salt

AC 263,499: **Use:** imazethapyr ammonium salt

AC 299,263: **Use:** imazamox

AC 303,630: **Use:** chlorfenapyr

AC 332140: **Use:** cyclosulfamuron

AC 5,223: **Use:** dodine

AC 801,757: **Use:** tebufenpyrad

Acaraben: **Use:** chlorobenzilate

Acaralate: **Use:** chloropropylate

Acarin: **Use:** dicofol

Acaristop: **Use:** clofentezine

Acarol: **Use:** bromopropylate

Accelerate: **Use:** endothal-sodium

Accent: **Use:** nicosulfuron

Accothion: **Use:** fenitrothion

Acentit: **Use:** acetochlor

acephate: **Use:** acephate

acephate metabolite: **Use:** methamidophos

acequinocyl: **Use:** acequinocyl

acetamiprid: **Use:** acetamiprid

acetic acid-2-heptadecyl-2-imidazoline (1:1):  
**Use:** glyodin

acetochlor: **Use:** acetochlor

acetoxy-triphenylstannane: **Use:** triphenyltin acetate

acetyl-5-hydroxy-3-oxo-4-henenoic acid, delta-lactone, sodium derivative: **Use:** sodium dehydroacetate

acetyl-6-methyl-2H-pyran-2,4(3H)-dione, sodium:  
**Use:** sodium dehydroacetate

Achieve: **Use:** tralkoxydim

Achor: **Use:** sintofen

acibenzolar-S-methyl: **Use:** acibenzolar-S-methyl

acid lead arsenate: **Use:** lead arsenate

acifluorfen: **Use:** acifluorfen

acifluorfen: **Use:** acifluorfen sodium

acifluorfen sodium: **Use:** acifluorfen sodium

acifluorfen sodium metabolite: **Use:** acifluorfen

aclonifen: **Use:** aclonifen

ACN: **Use:** quinochloramine

Acquinite: **Use:** chloropicrin

Acrex: **Use:** dinobuton

Acracid: **Use:** binapacryl

Acriflor: **Use:** hexythiazox

acrinathrin: **Use:** acrinathrin

acrinathrine: **Use:** acrinathrin

Acrobat: **Use:** dimethomorph

Acrobe: **Use:** Bacillus thuringiensis

Actellic: **Use:** pirimiphos-methyl

Acti-dione: **Use:** cycloheximide

Actigard: **Use:** acibenzolar-S-methyl

Action: **Use:** fluthiacet-methyl

Activol: **Use:** gibberellic acid

Activol GA: **Use:** gibberellic acid

Actril: **Use:** ioxynil

Admire: **Use:** imidacloprid

Advantage: **Use:** carbosulfan

AE F039866: **Use:** glufosinate ammonium salt (1:1)

AE F115008: **Use:** iodosulfuron-methyl-sodium

AE F122006: **Use:** isoxadifen-ethyl

AE F130360: **Use:** foramsulfuron

Afalon: **Use:** linuron  
 Affinity: **Use:** carfentrazone ethyl ester  
 Affirm: **Use:** abamectin  
 AFI-Tiazin: **Use:** phenothiazine  
 Afiline: **Use:** butocarboxim  
 Aflix: **Use:** formothion  
 Afos: **Use:** mecarbam  
 Afugan: **Use:** pyrazophos  
 Agil: **Use:** propaquizafop  
 Agrigent: **Use:** gentamicin sulfate  
 Agroxone: **Use:** MCPA  
 Aim: **Use:** chlorfluazuron  
 Airone: **Use:** propineb  
 Akar: **Use:** chlorobenzilate  
 Akrobat: **Use:** dimethomorph  
 alachlor: **Use:**alachlor  
 Alanap: **Use:** naptalam  
 alanycarb: **Use:** alanycarb  
 Alar: **Use:** daminozide  
 alcomycin: **Use:** gentamicin sulfate  
 aldicarb: **Use:** aldicarb  
 aldicarb sulfone: **Use:** aldoxycarb  
 aldoxycarb: **Use:** aldoxycarb  
 aldrin: **Use:** aldrin  
 Alert: **Use:** chlorfenapyr  
 Alfacron: **Use:** jodfenphos  
 Aliette: **Use:** fosetyl-Al  
 Aljaden: **Use:** sethoxydim  
 allethrin: **Use:** allethrin  
 allethrin, (+)-trans-: **Use:** S-bioallethrin  
 allethrin, d-trans-: **Use:** allethrin  
 allidochlor: **Use:** allidochlor  
 Allisan: **Use:** dicloran  
 allophanate: **Use:** allophanate  
 Alloxol S: **Use:** sethoxydim  
 alloxym-sodium: **Use:** alloxym-sodium  
 Ally: **Use:** metsulfuron methyl ester  
 allyl 1-(2,4-dichlorophenyl)-2-imidazol-1-ylethyl ether,  
 (RS)-: **Use:** imazalil  
 Alpha: **Use:** prochloraz  
 alpha-(ethylthio)-o-tolyl methylcarbamate:  
**Use:** ethiofencarb  
 alpha-cypermethrin: **Use:** alpha-cypermethrin  
 alpha-ethylthio-o-tolyl methylcarbamate:  
**Use:** ethiofencarb  
 alpha-Thionex: **Use:** endosulfan II  
 Alsystin: **Use:** triflumuron  
 Alto: **Use:** cyproconazole  
 Altosid: **Use:** methoprene  
 Altozar: **Use:** hydroprene  
 aluminum phosphide: **Use:** aluminum phosphide  
 aluminum tris(ethyl hydrogen phosphonate):  
**Use:** fosetyl-Al  
 aluminum tris(O-ethyl phosphonate): **Use:** fosetyl-Al  
 Amaze: **Use:** isofenphos  
 Amber: **Use:** triasulfuron  
 Ambiben: **Use:** chloramben  
 Ambox: **Use:** binapacryl  
 Ambush: **Use:** permethrin  
 Amdon: **Use:** picloram  
 Amdro: **Use:** hydramethylnon  
 ametryn: **Use:** ametryn  
 ametryne: **Use:** ametryn  
 Amex: **Use:** butralin  
 Amiben: **Use:** chloramben  
 Amibin: **Use:** chloramben  
 amicarbazone: **Use:** amicarbazone  
 amicarbazone  
**Use:** amicarbazone  
 amidosulfuron: **Use:** amidosulfuron  
 aminocarb: **Use:** aminocarb  
 aminoethoxyvinylglycine: **Use:** aminoethoxyvinylglycine  
 aminofuracarb: **Use:** benfuracarb  
 aminonitrofen: **Use:** aminonitrofen  
 aminosulfan: **Use:** benfuracarb  
 aminotriazole: **Use:** amitrole  
 Amiral: **Use:** triadimefon  
 amitraz: **Use:** amitraz  
 Amitrole: **Use:** amitrole  
 Ammate: **Use:** ammonium sulphamate  
 Ammo: **Use:** cypermethrin  
 ammoniated EBDCs: **Use:** metiram  
 ammoniates of (ethylenebis(dithiocarbamate)) zinc and  
 ethylenebis(dithiocarbamic acid): **Use:** metiram  
 ammonium (RS)-2-(4,5-dihydro-4-isopropyl-4-methyl-  
 5-oxoimidazol-2-yl)-5-methylnicotinate:  
**Use:** imazapic ammonium salt  
 ammonium ferric methylarsonate: **Use:** ammonium  
 iron methylarsonate  
 ammonium iron methylarsonate: **Use:** ammonium iron  
 methylarsonate  
 ammonium iron(3+) methylarsonate: **Use:** ammonium  
 iron methylarsonate  
 ammonium sulfamate: **Use:** ammonium sulphamate  
 ammonium sulfamidate: **Use:** ammonium sulphamate  
 ammonium sulphamate: **Use:** ammonium sulphamate  
 ammonium-DL-homoalanin-4-yl-(methyl)-phosphinate:  
**Use:** glufosinate ammonium salt (1:1)  
 Amoben: **Use:** chloramben  
 ampropylfos: **Use:** ampropylfos  
 AMS: **Use:** ammonium sulphamate  
 amyl-gamma-butyrolactone, gamma-: **Use:** dihydro-5-  
 pentyl-2(3H)-furanone  
 Andalin: **Use:** flucycloxuron  
 anilazine: **Use:** anilazine  
 anilofos: **Use:** anilofos  
 Aniloguard: **Use:** anilofos  
 Animert: **Use:** tetrasul  
 Animert sulfoxide: **Use:** tetrasul sulfoxide  
 anprolene: **Use:** ethylene oxide  
 ANS-118: **Use:** chromafenozide  
 Ansar: **Use:** DSMA  
 Ansar 170: **Use:** MSMA  
 Ansar 529: **Use:** MSMA  
 Anthio: **Use:** formothion  
 Anticarie: **Use:** hexachlorobenzene  
 Antimilace: **Use:** metaldehyde  
 antimony potassium tartrate:  
**Use:** antimony potassium tartrate



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Antiverm: **Use:** phenothiazine  
Antor: **Use:** diethatyl-ethyl  
Antracol: **Use:** propineb  
Anvil: **Use:** hexaconazole  
Apache: **Use:** cadusafos  
Aphistar: **Use:** triazamate  
Apl-luster: **Use:** thiabendazole  
Apollo: **Use:** clofentezine  
Appa: **Use:** phosmet  
Applaud: **Use:** buprofezin  
Apricolin: **Use:** dihydro-5-pentyl-2(3H)-furanone  
aprocarb: **Use:** propoxur  
Aquacide: **Use:** diquat  
Aquacycline: **Use:** oxytetracycline hydrochloride  
Aquathol: **Use:** endothal-sodium  
Aquazine: **Use:** simazine  
Aracide: **Use:** aramite  
Aramite: **Use:** aramite  
Arathane: **Use:** dinocap  
Arelon: **Use:** isoproturon  
Aresin: **Use:** monolinuron  
Argold: **Use:** cinmethylin  
Arozin: **Use:** anilofos  
arsanilic acid: **Use:** arsanilic acid  
Arsenal: **Use:** imazapyr 2-propanaminium salt (1:1)  
arsenenous acid, sodium salt: **Use:** sodium arsenite  
arsenic acid: **Use:** arsenic acid  
arsenic acid (H<sub>3</sub>AsO<sub>4</sub>) calcium salt (2:3): **Use:** calcium arsenate  
arsenic acid (H<sub>3</sub>AsO<sub>4</sub>) copper(2+) salt: **Use:** copper arsenate  
arsenic acid (H<sub>3</sub>AsO<sub>4</sub>) lead(2+) salt (2:3): **Use:** lead arsenate  
arsenic acid, disodium salt: **Use:** disodium arsenate  
arsenic acid, o-: **Use:** arsenic acid  
arsenic acid, sodium salt: **Use:** monosodium arsenate  
arsenic acid, trisodium salt: **Use:** trisodium arsenate  
arsenious acid, monosodium salt: **Use:** sodium arsenite  
arsenious acid, sodium salt: **Use:** sodium arsenite  
Asana: **Use:** esfenvaterate  
Assert: **Use:** imazamethabenz methyl ester  
Assure: **Use:** quizalofop ethyl ester  
asulam: **Use:** asulam  
Asulox: **Use:** asulam  
Asuntol: **Use:** coumaphos  
AT: **Use:** amitrole  
ATA: **Use:** amitrole  
Atabron: **Use:** chlorfluazuron  
Atonik G: **Use:** Atonik G  
Atranex: **Use:** atrazine  
Atratol: **Use:** atrazine  
atrazine: **Use:** atrazine  
Authority: **Use:** sulfentrazone  
Avadex: **Use:** di-allate  
Avadex BW: **Use:** tri-allate  
Avenge: **Use:** difenzoquat methyl sulfate  
Avermectin B1: **Use:** abamectin  
AVG: **Use:** aminoethoxyvinylglycine

Avid: **Use:** abamectin  
avitrol : **Use:** 4-AP  
Avitrol 200: **Use:** 4-AP  
Award: **Use:** penconazole  
azafenidin: **Use:** azafenidin  
Azak: **Use:** terbucarb  
azaplant: **Use:** amitrole  
azido-bis(dimethylamino)phosphine oxide:  
**Use:** mazidox  
azimsulfuron: **Use:** azimsulfuron  
azinphos-ethyl: **Use:** azinphos-ethyl  
azinphos-methyl: **Use:** azinphos-methyl  
aziprotryn: **Use:** aziprotryn  
aziprotryne : **Use:** aziprotryn  
azocyclotin: **Use:** azocyclotin  
Azodrin: **Use:** monocrotophos  
azoluron: **Use:** azoluron  
azoxystrobin: **Use:** azoxystrobin  
azoxystrobin: **Use:** azoxystrobin E-isomer  
azoxystrobin E-isomer: **Use:** azoxystrobin E-isomer  
azoxystrobin Z-isomer: **Use:** azoxystrobin Z-isomer  
Aztec: **Use:** tebupirimfos

## B

B 401: **Use:** Bacillus thuringiensis  
B-Nine: **Use:** daminozide  
Baam: **Use:** amitraz  
Bacillus thuringiensis: **Use:** Bacillus thuringiensis  
Bacillus thuringiensis berliner: **Use:** Bacillus thuringiensis  
Bactimos: **Use:** Bacillus thuringiensis  
Bactis: **Use:** Bacillus thuringiensis  
Balan: **Use:** benfluralin  
Balance: **Use:** isoxaflutole  
Bancol: **Use:** bensultap  
Bandren: **Use:** aclonifen  
Bandur: **Use:** aclonifen  
Banlate: **Use:** milneb  
Banner: **Use:** propiconazole  
Banol Turf Fungicide: **Use:** propamocarb hydrochloride  
Banvel D: **Use:** dicamba  
BAP: **Use:** 6-benzyladenine  
barbamate: **Use:** barban  
barban: **Use:** barban  
Barnon: **Use:** flamprop-isopropyl  
Barnon Plus: **Use:** flamprop-M-isopropyl  
Baronet: **Use:** triapenthenol  
Barricade: **Use:** cypermethrin  
BAS 654 H: **Use:** diflufenzopyr  
BAS 263 I: **Use:** cloethocarb  
BAS 480 F: **Use:** epoxiconazole  
BAS 490F: **Use:** kresoxim-methyl  
BAS 500 F: **Use:** pyraclostrobin (prop)  
BAS 510 F: **Use:** boscalid  
BAS 518 H: **Use:** quinmerac  
BAS 620 H: **Use:** tepraloxydim  
BAS 656034: **Use:** dimethenamid  
BAS 670 H: **Use:** BAS 670 H  
BAS-514-H: **Use:** quinclorac



BAS-517-H: **Use:** cycloxydim  
 Basagran: **Use:** bentazon  
 Basalin: **Use:** fluchloralin  
 Basamid: **Use:** dazomet  
 basic copper carbonate: **Use:** basic copper carbonate  
 basic zinc sulfate: **Use:** basic zinc sulfate  
 Basitac: **Use:** mepronil  
 Basta: **Use:** glufosinate ammonium salt (1:1)  
 Basudin: **Use:** diazinon  
 Bavistin: **Use:** carbendazim  
 BAY 17147: **Use:** azinphos-methyl  
 BAY 25141: **Use:** fensulfothion  
 Bay 29493: **Use:** fenthion  
 Bay 36205: **Use:** oxythioquinox  
 Bay 37344: **Use:** methiocarb  
 BAY 39007: **Use:** propoxur  
 BAY 45432: **Use:** omethoate  
 BAY 47531: **Use:** dichlofluanid  
 BAY 49854: **Use:** tolylfluanid  
 BAY 5712a: **Use:** tolylfluanid  
 BAY 68138: **Use:** fenamiphos  
 BAY 9010: **Use:** propoxur  
 BAY 9026: **Use:** methiocarb  
 BAY 94337: **Use:** metribuzin  
 Bay NTN 19701: **Use:** pencycuron  
 BAY SIR 8514: **Use:** triflumuron  
 Bay SMY 1500: **Use:** Tycor  
 BAY-BUE 1452: **Use:** azocyclotin  
 BAY-FCR 1272: **Use:** cyfluthrin  
 BAY-MEB 6447: **Use:** triadimefon  
 Baycor: **Use:** bitertanol  
 Bayfidan: **Use:** triadimenol  
 Baygon: **Use:** propoxur  
 Bayleton: **Use:** triadimefon  
 Bayluscid: **Use:** niclosamide  
 Bayrusil: **Use:** quinalphos  
 Baytan: **Use:** triadimenol  
 Baytex: **Use:** fenthion  
 Baythion: **Use:** phoxim  
 Baythroid: **Use:** cyfluthrin  
 Beacon: **Use:** primisulfuron-methyl  
 Beam: **Use:** tricyclazole  
 Befran: **Use:** iminoctadine  
 benalaxyl: **Use:** benalaxyl  
 benamizole: **Use:** isoxaben  
 benazolin: **Use:** benazolin  
 benazolin ethyl ester: **Use:** benazolin-ethyl  
 benazolin-ethyl: **Use:** benazolin-ethyl  
 Bendicar: **Use:** acibenzolar-S-methyl  
 bendiocarb: **Use:** bendiocarb  
 bendioxide: **Use:** bentazon  
 benefin: **Use:** benfluralin  
 benfluralin: **Use:** benfluralin  
 benfuracarb: **Use:** benfuracarb  
 Benlate: **Use:** benomyl  
 benodanil: **Use:** benodanil  
 benomyl: **Use:** benomyl  
 benomyl metabolite: **Use:** carbendazim

benomyl metabolite: **Use:** 2-aminobenzimidazole  
 benoxacor: **Use:** benoxacor  
 bensulfuron methyl ester:  
     **Use:** bensulfuron methyl ester  
 bensulfuron-methyl: **Use:** bensulfuron methyl ester  
 bensulide: **Use:** bensulide  
 bensultap: **Use:** bensultap  
 bentazon: **Use:** bentazon  
 bentazone: **Use:** bentazon  
 benthocarb: **Use:** thiobencarb  
 Benzac: **Use:** 2,3,6-TBA  
 benzadox: **Use:** benzadox  
 benzamacril: **Use:** benzamacril  
 benzamido-oxyacetic acid: **Use:** benzadox  
 benzamizole: **Use:** isoxaben  
 Benzar: **Use:** benazolin  
 benzene hexachloride: **Use:** BHC  
 benzene hexachloride, gamma: **Use:** lindane  
 benzoepin, alpha-: **Use:** endosulfan I  
 benzofenap: **Use:** benzofenap  
 benzoic 3-chloro-N-ethoxy-2,6-dimethoxybenzimidic  
     anhydride: **Use:** benzoximate  
 benzoic acid, 3,5-dimethyl-1-(1,1-dimethylethyl)-2-(4-  
     ethylbenzoyl)hydrazide: **Use:** tebufenozide  
 benzomate: **Use:** benzoximate  
 benzophenone O-[2,6-bis(4,6-dimethoxypyrimidin-2-  
     yloxy)benzoyl]oxime: **Use:** pyribenzoxim  
 benzoxamate: **Use:** benzoximate  
 benzoximate: **Use:** benzoximate  
 benzoylprop-ethyl: **Use:** benzoylprop-ethyl  
 benzthiazuron: **Use:** benzthiazuron  
 benzyl 2-chloro-4-trifluoromethyl-1,3-thiazole-5-  
     carboxylate: **Use:** flurazole  
 benzyl 2-chloro-4-trifluoromethylthiazole-5-  
     carboxylate: **Use:** flurazole  
 benzylaminopurine: **Use:** 6-benzyladenine  
 Berelex: **Use:** gibberellic acid  
 Bermat: **Use:** chlordimeform  
 Bestox: **Use:** alpha-cypermethrin  
 Besuntol: **Use:** cymiazole  
 β-(1,1'-biphenyl)-4-yloxy-α-(1,1-dimethylethyl)-1H-  
     1,2,4-triazole-1-ethanol: **Use:** bitertanol  
 β-(2,4-dichlorophenylmethyl)-α-(1,1-dimethylethyl)-  
     1H-1,2,4-triazole-1-ethanol, (R\*,R\*)-(±)-:  
     **Use:** diclobutrazol  
 beta-benzoepin: **Use:** endosulfan II  
 beta-Thiodan: **Use:** endosulfan II  
 Betanal: **Use:** phenmedipham  
 Betanal Am: **Use:** desmedipham  
 Betanex: **Use:** desmedipham  
 Betasan: **Use:** bensulide  
 bethoxazin: **Use:** bethoxazin  
 bethrodine: **Use:** benfluralin  
 BF 490-1, methylated: **Use:** kresoxim-methyl  
 BHC: **Use:** BHC  
 BHC, gamma: **Use:** lindane  
 Bicep: **Use:** metolachlor  
 Bidisin: **Use:** chlorfenprop-methyl  
 Bidrin: **Use:** dicrotophos  
 bifenazate: **Use:** bifenazate

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bifenox: **Use:** bifenox  
bifenthrin: **Use:** bifenthrin  
biformylchlorazin: **Use:** triforine  
bilanafos: **Use:** bilanafos  
biloxazol: **Use:** bitertanol  
binapacryl: **Use:** binapacryl  
Binnell: **Use:** benfluralin  
bioallethrin: **Use:** allethrin  
Bioguard: **Use:** thiabendazole  
Bion: **Use:** acibenzolar-S-methyl  
bioresmethrin: **Use:** bioresmethrin  
Biostat: **Use:** oxytetracycline  
Biostat: **Use:** flurecol n-butyl ester  
biothion: **Use:** temephos  
Bioxone: **Use:** methazole  
BIPC: **Use:** chlorbufam  
Biphenate: **Use:** bifenthrin  
biphenthrin: **Use:** bifenthrin  
biphenyl: **Use:** biphenyl  
biphenyl-2-ol: **Use:** phenylphenol, o-  
Birlane: **Use:** chlorfenvinphos  
bis(1-methylethyl) 1,3-dithiolan-2-ylideneopropanedioate: **Use:** isoprothiolane  
bis(1-methylethyl) 5-nitro-benzene-1,3-dicarboxylate: **Use:** nitrothal-isopropyl  
bis(1-methylpropyl) S-(phenylmethyl) carbamothioate: **Use:** tiocarbazil  
bis(2,4-dichlorophenyl) ethyl phosphate: **Use:** phosdiphen  
bis(2,4-dichlorophenyl) ethyl phosphoroate: **Use:** phosdiphen  
bis(2-chloro-1-methylethyl) ether: **Use:** DCIP  
bis(4-chlorophenyl)methanone: **Use:** dichlorobenzophenone, p,p'-  
bis(4-fluorophenyl)(methyl)(1H-1,2,4-triazol-1-ylmethyl)silane: **Use:** flusilazole  
bis(8-guanidino-octyl)amine: **Use:** iminoctadine  
bis(benzyloxy)(2-chloroethyl)methylsilane: **Use:** Silaid  
bis(dimethylamino)fluorophosphine oxide: **Use:** dimefox  
bis(dimethylamino)phosphonous anhydride: **Use:** schradan  
bis(dimethylcarbamodithioato-S,S') zinc: **Use:** ziram  
bis(dimethylcarbamodithioato-S,S')(mu-((1,2-ethanediy)bis(carbamodithioato))(2-))di[zinc]: **Use:** polycarbamate  
bis(dimethylcarbamodithioato-S,S')manganese: **Use:** manganese dimethyldithiocarbamate  
bis(dimethylthiocarbamoyl) disulfide: **Use:** thiram  
bis(mu-(2,3-dihydroxybutanediato(4-)-O1,O2;O3,O4))diantimonate(2-) dipotassium trihydrate (stereoisomer): **Use:** antimony potassium tartrate  
bis(trichloromethyl)disulfide: **Use:** bis(trichloromethyl)disulfide  
bis-Dithane: **Use:** polycarbamate  
bispyribac-sodium: **Use:** bispyribac-sodium  
bis[tris(2-methyl-2-phenylpropyl)tin] oxide: **Use:** fenbutatin oxide  
bitertanol: **Use:** bitertanol  
Biverm: **Use:** phenothiazine  
Black Leaf 40: **Use:** nicotine  
Black leaf 40 garden spray: **Use:** nicotine sulfate  
Bladafum: **Use:** sulfotep  
Bladan: **Use:** parathion  
Bladex: **Use:** cyanazine  
blasticidin S: **Use:** blasticidin S  
blasticidin-S: **Use:** blasticidin S  
Blattanex: **Use:** propoxur  
Blazer: **Use:** acifluorfen sodium  
Bloc: **Use:** fenarimol  
Blockade: **Use:** prodiamine  
BNOA: **Use:** (2-naphthylxy)acetic acid  
Boldo: **Use:** bromadiolone  
Bolero: **Use:** thiobencarb  
Bolstar: **Use:** sulprofos  
Boltage: **Use:** pyraclofos  
Bonsai: **Use:** paclobutrazol  
Bordermaster: **Use:** MCPA  
boscalid: **Use:** boscalid  
Botran: **Use:** dicloran  
Boxer: **Use:** prosulfocarb  
BPMC: **Use:** fenobucarb  
BPPS: **Use:** propargite  
Brace: **Use:** isazofos  
Brasoran: **Use:** aziprotryn  
Bravo: **Use:** chlorothalonil  
Brellin: **Use:** gibberellic acid  
Brestan: **Use:** triphenyltin acetate  
Brigade: **Use:** bifenthrin  
brimstone: **Use:** sulphur  
bristagen: **Use:** gentamicin sulfate  
Broadstrike: **Use:** flumetsulam  
Brofene: **Use:** bromophos  
bromacil: **Use:** bromacil  
bromadiolone: **Use:** bromadiolone  
bromchlophos: **Use:** naled  
Bromeflor: **Use:** ethephon  
Bromex: **Use:** chlorbromuron  
bromfenuron: **Use:** bromuron  
Brominil: **Use:** bromoxynil  
bromoallylene, gamma-: **Use:** propargyl bromide  
bromobutide: **Use:** bromobutide  
bromofenoxim: **Use:** bromofenoxim  
bromofume: **Use:** ethylene dibromide  
bromomethane: **Use:** methyl bromide  
bromophos: **Use:** bromophos  
bromophos-ethyl: **Use:** bromophos-ethyl  
bromopropylate: **Use:** bromopropylate  
bromoxynil: **Use:** bromoxynil  
bromuconazole: **Use:** bromuconazole  
bromuron: **Use:** bromuron  
Broot: **Use:** trimethacarb  
BRP: **Use:** naled  
BTS-7693: **Use:** benazolin  
Buctril: **Use:** bromoxynil  
bufencarb: **Use:** bufencarb  
Bulan: **Use:** Bulan  
Bulldock: **Use:** cyfluthrin, beta-

buminafos: **Use:** buminafos  
 bupirimate: **Use:** bupirimate  
 buprofezin: **Use:** buprofezin  
 Busan: **Use:** TCMTB  
 butachlor: **Use:** butachlor  
 Butacide: **Use:** piperonyl butoxide  
 butafenacil: **Use:** butafenacil  
 butafos: **Use:** butathiofos  
 Butafume: **Use:** sec-butylamine  
 butam: **Use:** butam  
 butamifos: **Use:** butamifos  
 butanedioic acid mono(2,2-dimethylhydrazide):  
**Use:** daminozide  
 butathiofos: **Use:** butathiofos  
 buthiobate: **Use:** buthiobate  
 butifos: **Use:** merphos  
 Butisan S: **Use:** metazachlor  
 butocarboxim: **Use:** butocarboxim  
 butralin: **Use:** butralin  
 butyl (+)-2-[4-[5-(trifluoromethyl)-2-pyridinyl]oxy]=  
 phenoxypropanoate: **Use:** fluazifop-P butyl ester  
 butyl (RS)-2-[4-(5-trifluoromethyl-2-pyridyloxy)=  
 phenoxy]propionate: **Use:** fluazifop butyl ester  
 butyl (±)-2-(4-(5-(trifluoromethyl)-2-pyridinyl)oxy)=  
 phenoxy)propanoate: **Use:** fluazifop butyl ester  
 butyl 2,3-dihydro-2,2-dimethylbenzofuran-7-yl N,N'-  
 dimethyl-N,N'-thiodicarbamate: **Use:** furathiocarba  
 butyl 2-(4-(5-(trifluoromethyl)-2-pyridinyl)oxy)=  
 phenoxy)propanoate, (R)-:  
**Use:** fluazifop-P butyl ester  
 butyl 2-(4-(5-trifluoromethyl-2-pyridinyl)oxy)=  
 phenoxy)propanoate: **Use:** fluazifop butyl ester  
 butyl 2-(4-(4-cyano-2-fluorophenoxy)phenoxy)=  
 propanoate, (R)-: **Use:** cyhalofop butyl ester  
 butyl 2-(4-(4-cyano-2-fluorophenoxy)phenoxy)=  
 propionoate, (R)-: **Use:** cyhalofop butyl ester  
 butyl 4-tert-butylbenzyl N-(3-  
 pyridyl)dithiocarbonimidate: **Use:** buthiobate  
 butyl 9-hydroxy-9H-fluorene-9-carboxylate:  
**Use:** flurecol n-butyl ester  
 butyl 9-hydroxyfluorene-9-carboxylate:  
**Use:** flurecol n-butyl ester  
 butyl phthalate, normal: **Use:** dibutyl phthalate  
 butyl(4-(1,1-dimethylethyl)phenyl)methyl 3-pyridinyl-  
 carbonimidodithioate: **Use:** buthiobate  
 butyl-α-(2,4-dichlorophenyl)-1H-1,2,4-triazole-1-  
 ethanol, (±)-α-: **Use:** hexaconazole  
 butyl-α-(4-chlorophenyl)-1H-1,2,4-triazole-1-  
 propanenitrile, α-: **Use:** myclobutanil  
 butylate: **Use:** butylate  
 Butyrac: **Use:** 2,4-DB  
 Bux: **Use:** bufencarb

## C

cacodylic acid: **Use:** cacodylic acid  
 Cadre: **Use:** imazapic  
 Cadre: **Use:** imazapic ammonium salt  
 cadusafos: **Use:** cadusafos  
 cafenstrole: **Use:** cafenstrole  
 calcium arsenate: **Use:** calcium arsenate  
 calcium arsenate (3:2): **Use:** calcium arsenate

calcium cyanide: **Use:** calcium cyanide  
 calcium polysulfides, aqueous solution:  
**Use:** sulfurated lime solution  
 Calirus: **Use:** benodanil  
 Calixin: **Use:** tridemorph  
 camphechlor: **Use:** toxaphene  
 Campogran: **Use:** furmecyclox  
 Can-trol: **Use:** MCPB  
 Caparol: **Use:** prometryn  
 captafol: **Use:** captafol  
 captan: **Use:** captan  
 captan impurity: **Use:** bis(trichloromethyl)disulfide  
 Capture: **Use:** bifenthrin  
 Caragard: **Use:** terbumeton  
 Carbamult: **Use:** promecarb  
 carbaryl: **Use:** carbaryl  
 carbaryl metabolite: **Use:** 1-naphthol  
 carbathiin: **Use:** carboxin  
 carbathion: **Use:** metam-sodium  
 carbendazim: **Use:** carbendazim  
 carbetamide: **Use:** carbetamide  
 Carbicron: **Use:** dicrotophos  
 carbofuran: **Use:** carbofuran  
 carbofuran metabolite: **Use:** 3-hydroxycarbofuran  
 carbon bisulfide: **Use:** carbon disulfide  
 carbon disulfide: **Use:** carbon disulfide  
 carbon tetrachloride: **Use:** carbon tetrachloride  
 carbophenothion: **Use:** carbophenothion  
 carbosulfan: **Use:** carbosulfan  
 carboxin: **Use:** carboxin  
 carboxy methylaminomethyl phosphonic acid:  
**Use:** glyphosate  
 Carbyne: **Use:** barban  
 carfentrazone ethyl ester: **Use:** carfentrazone ethyl  
 ester  
 carfentrazone-ethyl: **Use:** carfentrazone ethyl ester  
 carpropamid: **Use:** carpropamid  
 cartap hydrochloride: **Use:** cartap hydrochloride  
 carvone: **Use:** carvone  
 Caryne: **Use:** barban  
 carzol: **Use:** formetanate hydrochloride  
 Cascade: **Use:** flufenoxuron  
 Casoron: **Use:** dichlobenil  
 CCPU: **Use:** forchlorfenuron  
 CDAA: **Use:** allidochlor  
 CDEC: **Use:** sulfallate  
 Cecece: **Use:** chlormequat chloride  
 Cela W-524: **Use:** triforine  
 Celathion: **Use:** chlorthiophos  
 Celatox DP: **Use:** dichlorprop  
 Cercobin: **Use:** thiophanate  
 Cercobin M: **Use:** thiophanate-methyl  
 Cerone: **Use:** ethephon  
 Certrol: **Use:** ioxynil  
 Cesar: **Use:** hexythiazox  
 CG 113: **Use:** pretilachlor  
 CGA 245704: **Use:** acibenzolar-S-methyl  
 CGA 279202: **Use:** trifloxystrobin  
 CGA 329351: **Use:** metalaxyl-M

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CGA-362622: **Use:** trifloxysulfuron-sodium  
CGA-059205: **Use:** diofenolan  
CGA-106630: **Use:** diafenthiuron  
CGA-112913: **Use:** chlorfluazuron  
CGA-12223: **Use:** isazofos  
CGA-131036: **Use:** triasulfuron  
CGA-133205: **Use:** fluxofenim  
CGA-136872: **Use:** primisulfuron-methyl  
CGA-142464: **Use:** cinosulfuron  
CGA-142705: **Use:** fenpiclonil  
CGA-152005: **Use:** prosulfuron  
CGA-15281: **Use:** Silaid  
CGA-154281: **Use:** benoxacor  
CGA-157419: **Use:** fluazuron  
CGA-163935: **Use:** trinexapac-ethyl  
CGA-169374: **Use:** difenoconazole  
CGA-17020: **Use:** dimethachlor  
CGA-173506: **Use:** fludioxonil  
CGA-183893: **Use:** dicyclanil  
CGA-184699: **Use:** lufenuron  
CGA-184927: **Use:** clodinafop-propargyl  
CGA-185072: **Use:** cloquintocet-mexyl  
CGA-18762: **Use:** procyazine  
CGA-215944: **Use:** pymetrozine  
CGA-219417: **Use:** cyprodinil  
CGA-245704: **Use:** acibenzolar-S-methyl  
CGA-248757: **Use:** fluthiacet-methyl  
CGA-276854: **Use:** butafenacil  
CGA-277476: **Use:** oxasulfuron  
CGA-293343: **Use:** thiamethoxam  
CGA-322704: **Use:** clothianidin  
CGA-329351: **Use:** metalaxyl-M  
CGA-38140: **Use:** furalaxyl  
CGA-48988: **Use:** metalaxyl  
CGA-49104: **Use:** pyroquilon  
CGA-50439: **Use:** cymiazole  
CGA-64250: **Use:** propiconazole  
CGA-64251: **Use:** etaconazole  
CGA-71818: **Use:** penconazole  
CH-3565: **Use:** cloxifenolium  
CH-900: **Use:** cafenstrole  
Challenge: **Use:** aclonifen  
Checkmate: **Use:** sethoxydim  
Chemathion: **Use:** malathion  
Chemform: **Use:** methoxychlor  
Chinmix: **Use:** cypermethrin, beta-chinomethionat: **Use:** oxythioquinox  
Chipco 26019: **Use:** iprodione  
chlomethoxyfen: **Use:** chlomethoxyfen  
Chlor Kil: **Use:** chlordane  
Chloracide: **Use:** chlorbenside  
chloramben: **Use:** chloramben  
chloramp: **Use:** picloram-potassium  
chlorbensid: **Use:** chlorbenside  
chlorbenside: **Use:** chlorbenside  
chlorbenzilat: **Use:** chlorobenzilate  
chlorbenzylate: **Use:** chlorobenzilate  
chlorbromuron: **Use:** chlorbromuron  
chlorbufam: **Use:** chlorbufam  
chlorcholine chloride: **Use:** chlormequat chloride  
chlordan, alpha-: **Use:** chlordane, cis-chlordan, beta-: **Use:** chlordane, trans-chlordan, cis-: **Use:** chlordane, cis-chlordan, trans-: **Use:** chlordane, trans-chlordane: **Use:** chlordane  
chlordane (technical): **Use:** chlordane  
chlordane component: **Use:** Compound K  
chlordane component: **Use:** chlordene  
chlordane metabolite: **Use:** octachlor epoxide  
chlordane metabolite: **Use:** 1-hydroxychlordene  
chlordane metabolite: **Use:** chlordene epoxide  
chlordane, (±)-cis-: **Use:** chlordane, cis-chlordane, (±)-trans-: **Use:** chlordane, trans-chlordane, alpha-: **Use:** chlordane, cis-chlordane, beta-: **Use:** chlordane, trans-chlordane, cis-: **Use:** chlordane, cis-chlordane, gamma-: **Use:** chlordane, trans-chlordane, trans-: **Use:** chlordane, trans-chlordecone: **Use:** chlordecone  
chlordene: **Use:** chlordene  
chlordene epoxide: **Use:** chlordene epoxide  
chlordimeform: **Use:** chlordimeform  
chlorethoxyfos: **Use:** chlorethoxyfos  
chlorfenac: **Use:** fenac  
chlorfenapyr: **Use:** chlorfenapyr  
chlorfenapyr (prop): **Use:** chlorfenapyr  
chlorfenidim: **Use:** monuron  
chlorfénizon: **Use:** ovex  
chlorfenprop-methyl: **Use:** chlorfenprop-methyl  
chlorfenson: **Use:** ovex  
chlorfenvinphos: **Use:** chlorfenvinphos  
chlorfenvinphos, (E)-: **Use:** chlorfenvinphos, alpha-chlorfenvinphos, alpha-: **Use:** chlorfenvinphos, alpha-chlorfenvinphos, beta-: **Use:** chlorfenvinphos, beta-chlorfenvinphos, cis-: **Use:** chlorfenvinphos, beta-chlorfenvinphos, trans-: **Use:** chlorfenvinphos, alpha-chlorfenvinphos, Z-: **Use:** chlorfenvinphos, beta-chlorfenvinphos-methyl: **Use:** dimethylvinphos  
chlorfluazuron: **Use:** chlorfluazuron  
chlorflurecol methyl ester:  
**Use:** chlorflurecol methyl ester  
chlorflurenol methyl: **Use:** chlorflurecol methyl ester  
chlorflurenol methyl ester:  
**Use:** chlorflurecol methyl ester  
chlorflurenol-methyl: **Use:** chlorflurecol methyl ester  
chlorflurenolmethyl: **Use:** chlorflurecol methyl ester  
chloridazon: **Use:** pyrazon  
chlorimuron ethyl ester: **Use:** chlorimuron ethyl ester  
chlorimuron-ethyl: **Use:** chlorimuron ethyl ester  
chlorinat: **Use:** barban  
chlorinated camphene: **Use:** toxaphene  
chlorindan: **Use:** Compound K  
chlormephos: **Use:** chlormephos  
chlormephos-ethyl: **Use:** chlormephos  
chlormequat chloride: **Use:** chlormequat chloride  
chlormethoxynil: **Use:** chlormethoxyfen  
chlormethylfos: **Use:** chlormephos



- chlornitrofen: **Use:** chlornitrofen  
 chloro(2-methoxyethyl)mercury: **Use:** MEMC  
 chlorobenzilate: **Use:** chlorobenzilate  
 chlorocholine chloride: **Use:** chlormequat chloride  
 chloroform: **Use:** chloroform  
 chloroneb: **Use:** chloroneb  
 chlorophacinone : **Use:** chlorophacinone  
 chlorophenothane: **Use:** DDT, p,p'-  
 chlorophenoxyacetic acid, p-: **Use:** 4-CPA  
 chlorophenyl 2,4,5-trichlorophenyl sulfoxide, p-:  
**Use:** tetrasul sulfoxide  
 chlorophenyl phenyl sulfone, p-: **Use:** Sulphenone  
 chlorophenyl-2,4,5-trichlorophenyl sulfide, p-:  
**Use:** tetrasul  
 chlorophos: **Use:** trichlorfon  
 chlorophoxim: **Use:** chlorphoxim  
 chloropicrin: **Use:** chloropicrin  
 chloropropylate: **Use:** chloropropylate  
 chlorosulfamic acid: **Use:** chlorosulfamic acid  
 chlorothalonil: **Use:** chlorothalonil  
 chlorothalonil impurity: **Use:** pentachlorobenzonitrile  
 chlorotoluron: **Use:** chlorotoluron  
 chloroxifenidim: **Use:** chloroxuron  
 chloroxuron: **Use:** chloroxuron  
 chloroxynil: **Use:** chloroxynil  
 Chlorparacide: **Use:** chlorbenside  
 chlorphenamidine: **Use:** chlordimeform  
 chlorphonium chloride: **Use:** chlorphonium chloride  
 chlorphoxim: **Use:** chlorphoxim  
 chlorpropham: **Use:** chlorpropham  
 chlorpropham metabolite: **Use:** isopropyl (3-chloro-4-  
 methoxyphenyl)carbamate  
 chlorpyrifos: **Use:** chlorpyrifos  
 chlorpyrifos-methyl: **Use:** chlorpyrifos-methyl  
 chlorsulfuron: **Use:** chlorsulfuron  
 chlorthal-dimethyl: **Use:** DCPA  
 chlorthiamid: **Use:** chlorthiamid  
 chlorthiophos: **Use:** chlorthiophos  
 Chlortokem: **Use:** chlorotoluron  
 chlortoluron: **Use:** chlorotoluron  
 chlozolate: **Use:** chlozolate  
 choline chloride: **Use:** choline chloride  
 chromafenozide: **Use:** chromafenozide  
 chrysanthemic acid, dv-: **Use:** DCVA, trans-  
 chrysanthemum monocarboxylic acid ester of DL-2-  
 allyl-4- hydroxy-3-methyl-2-cyclopenten-1-one, D-  
 trans-: **Use:** allethrin  
 Cidial: **Use:** phenthoate  
 cidomycin: **Use:** gentamicin sulfate  
 Cinch: **Use:** cinmethylin  
 cinerin I, allyl homolog: **Use:** allethrin  
 cinidon-ethyl: **Use:** cinidon-ethyl  
 cinmethylin: **Use:** cinmethylin  
 cinosulfuron: **Use:** cinosulfuron  
 Ciodrin: **Use:** crotoxyphos  
 CIPC: **Use:** chlorpropham  
 CIPC metabolite: **Use:** isopropyl (3-chloro-4-  
 methoxyphenyl)carbamate  
 cismethrin: **Use:** cismethrin  
 Citrazon: **Use:** benzoximate  
 CL 11344: **Use:** pyridate  
 CL 252214: **Use:** imazaquin  
 CL 263222: **Use:** imazapic  
 CL 263222 ammonium salt:  
**Use:** imazapic ammonium salt  
 CL 299,263: **Use:** imazamox  
 CL 35,024: **Use:** phorate  
 CL-9673: **Use:** pyridafol  
 Classic: **Use:** chlorimuron ethyl ester  
 clethodim: **Use:** clethodim  
 Clincher: **Use:** cyhalofop butyl ester  
 clodinafop-propargyl: **Use:** clodinafop-propargyl  
 cloethocarb: **Use:** cloethocarb  
 clofencet: **Use:** clofencet  
 clofencet potassium salt: **Use:** clofencet potassium salt  
 clofentezine: **Use:** clofentezine  
 clomazone: **Use:** clomazone  
 clomeprop: **Use:** clomeprop  
 clonitralid: **Use:** niclosamide  
 cloprop: **Use:** cloprop  
 clopyralid: **Use:** clopyralid  
 cloquintocet-mexyl: **Use:** cloquintocet-mexyl  
 cloransulam methyl ester:  
**Use:** cloransulam methyl ester  
 cloransulam-methyl: **Use:** cloransulam methyl ester  
 clordecone: **Use:** clordecone  
 clothianidin: **Use:** clothianidin  
 Clout: **Use:** alloxidim-sodium  
 cloxifenolium: **Use:** cloxifenolium  
 CME 151: **Use:** dimethomorph  
 CMU: **Use:** monuron  
 CN-11-3183: **Use:** forchlorfenuron  
 CNP: **Use:** chlornitrofen  
 Co-Ral: **Use:** coumaphos  
 Cobex: **Use:** dinitramine  
 Cobra: **Use:** lactofen  
 coconut aldehyde: **Use:** dihydro-5-pentyl-2(3H)-  
 furanone  
 Combat: **Use:** hydramethylnon  
 Command: **Use:** clomazone  
 Commando: **Use:** flamprop-M-isopropyl  
 Compete: **Use:** fluoroglycofen ethyl ester  
 Comply: **Use:** fenoxycarb  
 Compound 1189: **Use:** clordecone  
 Compound 4072: **Use:** chlorfenvinphos  
 Compound G-11: **Use:** hexachlorophene  
 Compound K: **Use:** Compound K  
 Concep II: **Use:** oxabtrinil  
 Concep III: **Use:** fluxofenim  
 Condore: **Use:** chlomethoxyfen  
 Confidor: **Use:** imidacloprid  
 Confirm: **Use:** tebufenozide  
 Coniothyrium minitans strain CON/M/91-08:  
**Use:** Coniothyrium minitans strain CON/M/91-08  
 Conserve: **Use:** isouron  
 Contaverm: **Use:** phenothiazine  
 coordination product of zinc ion and maneb:  
**Use:** mancozeb



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- copper: **Use:** copper monoethanolamine  
copper (II) sulfate: **Use:** copper sulfate pentahydrate  
copper arsenate: **Use:** copper arsenate  
copper arsenate (3:2): **Use:** copper arsenate  
copper carbonate hydroxide: **Use:** basic copper carbonate  
copper monoethanolamine: **Use:** copper monoethanolamine  
copper sulfate pentahydrate: **Use:** copper sulfate pentahydrate  
Coratop: **Use:** pyroquilon  
Corbel: **Use:** fenpropimorph  
Cornox: **Use:** benazolin  
Cornox RK: **Use:** dichlorprop  
Cosban: **Use:** XMC  
Cotofor: **Use:** dipropetryn  
Cotoran: **Use:** fluometuron  
Cottenex: **Use:** fluometuron  
coumaphos: **Use:** coumaphos  
Counter: **Use:** terbufos  
CP 20: **Use:** chlorbenseide  
CP 31393: **Use:** propachlor  
CP 53619: **Use:** butachlor  
CPA: **Use:** 4-CPA  
Crab Grass Killer: **Use:** arsenic acid  
Crab-e-rad: **Use:** DSMA  
Crag 341: **Use:** glyodin  
Crag 974: **Use:** dazomet  
Crag Herbicide I: **Use:** disul-Na  
Cremart: **Use:** butamifos  
Cresopur: **Use:** benazolin  
Croisor: **Use:** sintofen  
Croneton: **Use:** ethiofencarb  
Cropotex: **Use:** flubenzimine  
Crotothane: **Use:** dinocap  
crotoxyfos: **Use:** crotoxyphos  
crotoxyphos: **Use:** crotoxyphos  
crufomate: **Use:** crufomate  
cryolite: **Use:** cryolite  
cryolite, synthetic: **Use:** cryolite  
Cultar: **Use:** paclobutrazol  
cumenyl methylcarbamate, o-: **Use:** isoprocarb  
cumyluron: **Use:** cumyluron  
cupric carbonate, basic: **Use:** basic copper carbonate  
cupric subcarbonate: **Use:** basic copper carbonate  
cupric sulfate: **Use:** copper sulfate pentahydrate  
Curacron: **Use:** profenofos  
Curamil: **Use:** pyrazophos  
Curbiset: **Use:** chlorflurecol methyl ester  
Curzate: **Use:** cymoxanil  
CVP, alpha-: **Use:** chlorfenvinphos, alpha-  
CVP- beta: **Use:** chlorfenvinphos, beta-  
cyanamide: **Use:** hydrogen cyanamide  
cyanazine: **Use:** cyanazine  
cyano(3-phenoxyphenyl)methyl (+)-4-(difluoro-methoxy)- $\alpha$ -(1-methylethyl)benzeneacetate, ( $\pm$ )- $\alpha$ -: **Use:** flucythrinate  
cyano(3-phenoxyphenyl)methyl 2,2,-dichloro-1-(4-ethoxyphenyl)cyclopropanecarboxylate: **Use:** cycloprothrin  
cyano(3-phenoxyphenyl)methyl 2,2,3,3-tetramethylcyclopropanecarboxylate: **Use:** fenpropathrin  
cyano(3-phenoxyphenyl)methyl 2,2-dimethyl-3-(1,2,2,2-tetrabromoethyl) cyclopropanecarboxylate: **Use:** tralomethrin  
cyano(3-phenoxyphenyl)methyl 2,2-dimethyl-3-(3-oxo-3-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-1-propenyl)cyclopropanecarboxylate: **Use:** acrinathrin  
cyano(3-phenoxyphenyl)methyl 3-(2,2-dibromoethenyl)-2,2-dimethylcyclopropane=carboxylate: **Use:** deltamethrin, cis-  
cyano(3-phenoxyphenyl)methyl 3-(2,2-dibromoethenyl)-2,2-dimethylcyclopropane=carboxylate, [1R-[1A(S\*),3A]]-: **Use:** deltamethrin  
cyano(3-phenoxyphenyl)methyl 3-(2,2-dibromoethenyl)-2,2-dimethylcyclopropane=carboxylate: **Use:** deltamethrin, trans-  
cyano(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane=carboxylate, (1A(S\*), 3B)-( $\pm$ )-: **Use:** cypermethrin, theta-  
cyano(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane=carboxylate: **Use:** cypermethrin  
cyano(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane=carboxylate, (1A(S\*), 3A)-( $\pm$ )-: **Use:** alpha-cypermethrin  
cyano(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane=carboxylate: **Use:** cypermethrin, beta-  
cyano(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane=carboxylate: **Use:** cypermethrin, zeta-  
cyano(3-phenoxyphenyl)methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropane=carboxylate, (1A(S\*),3A(Z))- ( $\pm$ )-: **Use:** lambda-cyhalothrin  
cyano(3-phenoxyphenyl)methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropane=carboxylate: **Use:** cyhalothrin  
cyano(3-phenoxyphenyl)methyl 4-(difluoromethoxy)- $\alpha$ -(1-methylethyl)benzeneacetate, (S)-: **Use:** flucythrinate  
cyano(3-phenoxyphenyl)methyl 4-chloro- $\alpha$ -(1-methylethyl)benzeneacetate: **Use:** fenvalerate  
cyano(3-phenoxyphenyl)methyl 4-chloro- $\alpha$ -(1-methylethyl)benzeneacetate, (S-(R\*,R\*)) -: **Use:** esfenvalerate  
cyano(3-phenoxyphenyl)methyl N-(2-chloro-4-(trifluoromethyl)phenyl)-D-valine: **Use:** fluvalinate, tau-  
cyano(3-phenoxyphenyl)methyl N-(2-chloro-4-trifluoromethyl)phenyl)-DL-valine: **Use:** fluvalinate  
cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate: **Use:** cyfluthrin, beta-  
cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane=carboxylate: **Use:** cyfluthrin  
cyano-3-phenoxybenzyl (1R)-cis-2,2-dimethyl-3-[(RS)-1,2,2,2-tetrabromoethyl]cyclopropanecarboxylate, (S)- $\alpha$ -: **Use:** tralomethrin  
cyano-3-phenoxybenzyl (1R)-cis-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate, (S)- $\alpha$ -: **Use:** deltamethrin

- cyano-3-phenoxybenzyl (1R,3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate, (S)- $\alpha$ -: **Use:** deltamethrin
- cyano-3-phenoxybenzyl (1R,3S)-2,2-dimethyl-3-[(RS)-1,2,2,2-tetrabromoethyl]cyclopropanecarboxylate, (S)- $\alpha$ -: **Use:** tralomethrin
- cyano-3-phenoxybenzyl (1RS,3RS;1RS,3SR)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropane=carboxylate, (RS)- $\alpha$ -: **Use:** cypermethrin
- cyano-3-phenoxybenzyl (R)-2-(2-chloro-4-(trifluoromethyl)anilino)-3-methylbutanoate, (RS)- $\alpha$ -: **Use:** fluvalinate
- cyano-3-phenoxybenzyl (RS)-2,2-dichloro-1-(4-ethoxyphenyl)cyclopropanecarboxylate, (RS)- $\alpha$ -: **Use:** cycloprothrin
- cyano-3-phenoxybenzyl (RS)-2-(4-chlorophenyl)-3-methylbutyrate, (RS)- $\alpha$ -: **Use:** fenvalerate
- cyano-3-phenoxybenzyl (S)-2-(4-chlorophenyl)-3-methylbutyrate, (S)- $\alpha$ -: **Use:** esfenvalerate
- cyano-3-phenoxybenzyl (S)-2-(4-difluoromethoxy=phenyl)-3-methylbutyrate, (RS)- $\alpha$ -: **Use:** flucythrinate
- cyano-3-phenoxybenzyl (Z)-(1R,3R)- and (Z)-(1S,3S)-3-(2-chloro-3,3,3-trifluoropropenyl)-2,2-dimethylcyclopropanecarboxylate, (S)- $\alpha$ - and (R)- $\alpha$ , 1:1 : **Use:** lambda-cyhalothrin
- cyano-3-phenoxybenzyl (Z)-(1R,3S)-2,2-dimethyl-3-[2-(2,2,2-trifluoro-1-trifluoromethylethoxycarbonyl)=vinyl]cyclopropanecarboxylate, (S)- $\alpha$ -: **Use:** acrinathrin
- cyano-3-phenoxybenzyl (Z)-(1RS,3RS)-(2-chloro-3,3,3-trifluoropropenyl)-2,2-dimethylcyclopropane=carboxylate, (RS)- $\alpha$ -: **Use:** cyhalothrin
- cyano-3-phenoxybenzyl 2,2,3,3-tetramethylcyclopropanecarboxylate, (RS)- $\alpha$ -: **Use:** fenpropathrin
- cyano-3-phenoxybenzyl N-(2-chloro- $\alpha,\alpha,\alpha$ -trifluoro-p-tolyl)-D-valinate, (RS)- $\alpha$ -: **Use:** fluvalinate, tau-
- cyano-3-phenoxybenzyl N-(2-chloro- $\alpha,\alpha,\alpha$ -trifluoro-p-tolyl)-DL-valinate, (RS)- $\alpha$ -: **Use:** fluvalinate
- cyano-3-phenoxybenzyl-(1R,3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate, (S)- $\alpha$ -: **Use:** deltamethrin, cis-
- cyano-3-phenoxybenzyl-(1S,3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate, (S)- $\alpha$ -: **Use:** deltamethrin, trans-
- cyano-3-phenoxybenzyl-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate : **Use:** cypermethrin, theta-
- cyano-4-fluoro-3-phenoxybenzyl (1RS)-cis-trans-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropane=carboxylate, (RS)- $\alpha$ -: **Use:** cyfluthrin
- cyano-4-fluoro-3-phenoxybenzyl (1RS,3RS;1RS,3SR)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropane=carboxylate, (RS)- $\alpha$ -: **Use:** cyfluthrin
- cyanofenphos: **Use:** cyanofenphos
- Cyanogas: **Use:** calcium cyanide
- cyanophos: **Use:** cyanophos
- Cyanox: **Use:** cyanophos
- cyazofamid (prop): **Use:** cyazofamid
- cyclanilide: **Use:** cyclanilide
- Cycle: **Use:** procymazine
- cyclic methylene (diethoxyphosphinyl) dithiomidocarbonate: **Use:** fosthietan
- cyclic O,O-(methylene-o-phenylene) phosphorothioate O-methyl ester: **Use:** dioxabenzofos
- cycloate: **Use:** cycloate
- Cyclodan: **Use:** endosulfan
- cyclohex-1-ene-1,2-dicarboximidomethyl (1RS)-cis-trans-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate: **Use:** tetramethrin
- cyclohex-1-ene-1,2-dicarboximidomethyl (1RS,3RS;1RS,3SR)-2,2-dimethyl-3-(2-methyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate) : **Use:** tetramethrin
- cyclohex-1-ene-1,2-dicarboximidomethyl ( $\pm$ )-cis-trans-chrysanthemate : **Use:** tetramethrin
- cycloheximide: **Use:** cycloheximide
- Cyclon: **Use:** hydrogen cyanide
- cycloprate: **Use:** cycloprate
- cycloprothrin: **Use:** cycloprothrin
- Cyclosal: **Use:** cycloprothrin
- cyclosulfamuron: **Use:** cyclosulfamuron
- cycloxydim: **Use:** cycloxydim
- cycluron: **Use:** cycluron
- Cycocel: **Use:** chlormequat chloride
- cyethoxydim: **Use:** sethoxydim
- cyfluthrin: **Use:** cyfluthrin
- cyfluthrin, beta-: **Use:** cyfluthrin, beta-
- Cygon: **Use:** dimethoate
- cyhalofop butyl ester: **Use:** cyhalofop butyl ester
- cyhalofop-butyl: **Use:** cyhalofop butyl ester
- cyhalothrin: **Use:** cyhalothrin
- cyhalothrin, lambda-: **Use:** lambda-cyhalothrin
- cyhexatin: **Use:** cyhexatin
- Cylan: **Use:** phosfolan
- cym-5-yl-methylcarbamate, m-: **Use:** promecarb
- Cymbush: **Use:** cypermethrin
- cymiazole: **Use:** cymiazole
- cymoxanil: **Use:** cymoxanil
- Cynem: **Use:** thionazin
- Cyolane: **Use:** phosfolan
- cypermethrin: **Use:** cypermethrin
- cypermethrin metabolite: **Use:** DCVA, trans-
- cypermethrin metabolite: **Use:** 3-phenoxybenzoic acid
- cypermethrin metabolite: **Use:** 3-phenoxybenzenemethanol
- cypermethrin metabolite: **Use:** DCVA, cis-
- cypermethrin, alpha-: **Use:** alpha-cypermethrin
- cypermethrin, beta-: **Use:** cypermethrin, beta-
- cypermethrin, theta-: **Use:** cypermethrin, theta-
- cypermethrin, zeta-: **Use:** cypermethrin, zeta-
- cyprazine: **Use:** cyprazine
- Cyprex: **Use:** dodine
- cyproconazole: **Use:** cyproconazole
- cyprodinil: **Use:** cyprodinil
- cyprofuram: **Use:** cyprofuram
- cyromazine: **Use:** cyromazine
- Cythion: **Use:** malathion
- Cytrol: **Use:** amitrole
- Cytrolane: **Use:** mephosfolan

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### D

- D-Mataven: **Use:** flamprop-M-methyl  
D23-01: **Use:** bifenazate  
D2341: **Use:** bifenazate  
DAC 893: **Use:** DCPA  
Dacamox: **Use:** thiofanox  
Daconil 2787: **Use:** chlorothalonil  
Dacthal: **Use:** DCPA  
DADK: **Use:** metribuzin, deaminated diketo metabolite  
Dagger: **Use:** imazamethabenz methyl ester  
daimuron: **Use:** daimuron  
dalapon: **Use:** dalapon  
dalapon sodium salt: **Use:** dalapon sodium salt  
damfine: **Use:** methacrifos  
daminozide: **Use:** daminozide  
daminozide metabolite: **Use:** UDMH  
Danitol: **Use:** fenpropathrin  
Danitron: **Use:** fenpyroximate  
Dart: **Use:** teflubenzuron  
Dasanit: **Use:** fensulfothion  
dazomet: **Use:** dazomet  
DBCP: **Use:** dibromochloropropane  
DCIP: **Use:** DCIP  
DCPA: **Use:** DCPA  
DCVA, cis-: **Use:** DCVA, cis-  
DCVA, trans-: **Use:** DCVA, trans-  
DDD: **Use:** TDE, p,p'-  
DDD, o,p'-: **Use:** TDE, o,p'-  
DDD, p,p'-: **Use:** TDE, p,p'-  
DDDP: **Use:** Dilan  
DDE: **Use:** DDE, p,p'-  
DDE, o,p'-: **Use:** DDE, o,p'-  
DDE, p,p'-: **Use:** DDE, p,p'-  
DDPP: **Use:** pyridinitril  
DDT: **Use:** DDT  
DDT: **Use:** DDT, p,p'-  
DDT metabolite: **Use:** DDE, p,p'-  
DDT metabolite: **Use:** DDE, o,p'-  
DDT, o,p'-: **Use:** DDT, o,p'-  
DDT, p,p'-: **Use:** DDT, p,p'-  
DDVP: **Use:** dichlorvos  
DE-498: **Use:** flumetsulam  
DE-537 n-butyl ester: **Use:** cyhalofop butyl ester  
DE-565: **Use:** cloransulam methyl ester  
DE-795: **Use:** quinoxifen  
De-Green: **Use:** tribufos  
decachloroketone: **Use:** chlordecone  
decachlorooctahydro-1,3,4-metheno-2H-cyclobuta(cd)pentalen-2-one: **Use:** chlordecone  
decachloropentacyclo[5.2.1.02,6.03,9.05,8]decan-4-one: **Use:** chlordecone  
decamethrin: **Use:** deltamethrin  
deccotane: **Use:** sec-butylamine  
Deccozil: **Use:** imazalil  
Dechlorane: **Use:** mirex  
Decis: **Use:** deltamethrin  
DEF: **Use:** tribufos  
DEF 6: **Use:** merphos  
Defi: **Use:** prosulfocarb  
Deftor: **Use:** metoxuron  
Delan: **Use:** dithianon  
Delicia: **Use:** aluminum phosphide  
Delnav: **Use:** dioxathion  
delta keto 153: **Use:** endrin ketone  
delta-n-amylobutyrolactone: **Use:** dihydro-5-pentyl-2(3H)-furanone  
deltamethrin: **Use:** deltamethrin  
deltamethrin, cis-: **Use:** deltamethrin, cis-  
deltamethrin, trans-: **Use:** deltamethrin, trans-  
Deltanet: **Use:** furathiocarb  
Delusal: **Use:** zinc phosphide  
demeton: **Use:** demeton  
demeton I: **Use:** demeton-O  
demeton II: **Use:** demeton-S  
demeton thiol: **Use:** demeton-S  
demeton thiono: **Use:** demeton-O  
demeton-O: **Use:** demeton-O  
demeton-O-methyl: **Use:** metasystox thiono  
demeton-S: **Use:** demeton-S  
demeton-S-methyl: **Use:** metasystox thiol  
demeton-S-methyl sulfoxide: **Use:** oxydemeton-methyl  
demeton-S-methyl-sulphone: **Use:** oxydemeton-methyl sulfone  
demeton-S-methylsulfone: **Use:** oxydemeton-methyl sulfone  
demeton-S-methylsulphon: **Use:** oxydemeton-methyl sulfone  
demeton-S-methylsulphone: **Use:** oxydemeton-methyl sulfone  
Demosan: **Use:** chloroneb  
Denmert: **Use:** buthiobate  
DEP: **Use:** trichlorfon  
Derosal: **Use:** carbendazim  
Derris: **Use:** rotenone  
des N-isopropyl isofenphos: **Use:** des N-isopropyl isofenphos  
Desiccant L-10: **Use:** arsenic acid  
desmedipham: **Use:** desmedipham  
desmetryn: **Use:** desmetryn  
desmetryne: **Use:** desmetryn  
Dessin: **Use:** dinobuton  
Destun: **Use:** perfluidone  
Devrinol: **Use:** napropamide  
dexon: **Use:** fenaminosulf  
dexoxon: **Use:** fenaminosulf  
Dextrone X: **Use:** paraquat  
DFP: **Use:** diflufenican  
DHA: **Use:** sodium dehydroacetate  
DHA-S: **Use:** sodium dehydroacetate  
DHA-sodium: **Use:** sodium dehydroacetate  
DHN: **Use:** sodium dehydroacetate  
di(n-butyl) phthalate: **Use:** dibutyl phthalate  
di-2-pyridyl disulfide 1,1'-dioxide: **Use:** dipyrithione  
di-allate: **Use:** di-allate  
di-isopropyl 1,3-dithiolan-2-ylidenemalonate: **Use:** isoprothiolane  
di-isopropyl 5-nitroisophthalate: **Use:** nitrothal-isopropyl

- di-n-propyl 2,5-pyridinedicarboxylate: **Use:** dipropyl isocinchomeronate
- di-n-propyl isocinchomeronate: **Use:** dipropyl isocinchomeronate
- di-propylisocinchomeronate: **Use:** dipropyl isocinchomeronate
- Di-tac: **Use:** DSMA
- diafenthuron: **Use:** diafenthuron
- dialifor: **Use:** dialifor
- dialifos: **Use:** dialifor
- diallate: **Use:** di-allate
- Diaract: **Use:** teflubenzuron
- diatomaceous earth: **Use:** diatomaceous earth
- diazinon: **Use:** diazinon
- diazinon metabolite (hydrolysis product): **Use:** G-27550
- Dibam: **Use:** sodium dimethyldithiocarbamate
- dibenzothiazine: **Use:** phenothiazine
- Dibrom: **Use:** naled
- dibromochloropropane: **Use:** dibromochloropropane
- dibutalin: **Use:** butralin
- dibutyl (1-(butylamino)cyclohexyl)phosphonate: **Use:** buminafos
- dibutyl 1,2-benzenedicarboxylate: **Use:** dibutyl phthalate
- dibutyl 1-butylaminocyclohexylphosphonate: **Use:** buminafos
- dibutyl phthalate: **Use:** dibutyl phthalate
- dicamba: **Use:** dicamba
- Dicarbam: **Use:** carbaryl
- dichlobenil: **Use:** dichlobenil
- dichlofenthion: **Use:** dichlofenthion
- dichlofluamid: **Use:** dichlofluamid
- dichlone: **Use:** dichlone
- dichlormid: **Use:** dichlormid
- dichlorobenzophenone, o,p': **Use:** dichlorobenzophenone, o,p'
- dichlorobenzophenone, p,p': **Use:** dichlorobenzophenone, p,p'
- dichlorodiphenyldichloroethane: **Use:** TDE, p,p'
- dichlorodiphenyltrichloroethane: **Use:** DDT
- dichlorofenthion: **Use:** dichlofenthion
- dichloropropane: **Use:** dichloropropane
- dichlorprop: **Use:** dichlorprop
- dichlorprop-P: **Use:** dichlorprop-P
- dichlorvos: **Use:** dichlorvos
- dichlozolate: **Use:** chlozolate
- diclobutrazol: **Use:** diclobutrazol
- diclocymet: **Use:** diclocymet
- diclofop-methyl: **Use:** diclofop-methyl
- diclomezine: **Use:** diclomezine
- dicloran: **Use:** dicloran
- dicloran impurity: **Use:** 2,4-dichloro-6-nitroaniline
- diclosulam: **Use:** diclosulam
- dicofol: **Use:** dicofol
- dicofol breakdown product: **Use:** dichlorobenzophenone, p,p'
- dicofol breakdown product: **Use:** dichlorobenzophenone, o,p'
- Diconal: **Use:** phenisopham
- dicophane: **Use:** DDT, p,p'
- dicrotophos: **Use:** dicrotophos
- Dicuran: **Use:** chlorotoluron
- dicyclanil: **Use:** dicyclanil
- dieldrin: **Use:** dieldrin
- dieldrin photoproduct: **Use:** photodieldrin
- diethamine: **Use:** dinitramine
- diethyl-ethyl: **Use:** diethyl-ethyl
- diethofencarb: **Use:** diethofencarb
- diethyl ((dimethoxyphosphinothioyl)thio)butanedioate: **Use:** malathion
- diethyl (1,2-phenylenebis(iminocarbonothioyl))=bis(carbamate): **Use:** thiophanate
- diethyl (4-methyl-1,3-dithiolan-2-ylidene)phosphoramidate: **Use:** mephosfolan
- diethyl (dimethoxythiophosphorylthio)succinate: **Use:** malathion
- diethyl 1,3-dithietan-2-ylidene phosphoramidate: **Use:** fosthietan
- diethyl 1,3-dithiolan-2-ylidene phosphoramidate: **Use:** phosfolan
- diethyl 1-(2,4-dichlorophenyl)-4,5-dihydro-5-methyl-1H-pyrazole-3,5-dicarboxylate: **Use:** mefenpyr-diethyl
- diethyl 4,4'-(o-phenylene)bis(3-thioallophanate): **Use:** thiophanate
- diethyl 4-methyl-1,3-dithiolan-2-ylidene phosphoramidate: **Use:** mephosfolan
- difenacoum: **Use:** difenacoum
- difenacoum
- difenacoum
- : **Use:** difenacoum
- Difenex: **Use:** chlomethoxyfen
- difenoconazole: **Use:** difenoconazole
- difenoxuron: **Use:** difenoxuron
- difenson: **Use:** ovex
- difenzoquat methyl sulfate: **Use:** difenzoquat methyl sulfate
- difenzoquat metilsulfate: **Use:** difenzoquat methyl sulfate
- difenzoquat-methyl sulfate: **Use:** difenzoquat methyl sulfate
- difethialone: **Use:** difethialone
- diflubenzuron: **Use:** diflubenzuron
- diflufenical: **Use:** diflufenican
- diflufenican: **Use:** diflufenican
- diflufenzopyr: **Use:** diflufenzopyr
- diflumetorim: **Use:** diflumetorim
- difluron: **Use:** diflubenzuron
- Difolatan: **Use:** captafol
- dihydro-5-heptyl-2(3H)-furanone: **Use:** dihydro-5-heptyl-2(3H)-furanone
- dihydro-5-pentyl-2(3H)-furanone: **Use:** dihydro-5-pentyl-2(3H)-furanone
- Dilan: **Use:** Dilan
- dilead orthoarsenate: **Use:** lead arsenate
- dimazine: **Use:** UDMH
- Dimecron: **Use:** phosphamidon
- dimefox: **Use:** dimefox
- dimefuron: **Use:** dimefuron
- Dimension: **Use:** dithiopyr
- Dimepax: **Use:** dimethametryn



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- dimepenthioate: **Use:** phenthoate  
dimepiperate: **Use:** dimepiperate  
dimethachlor: **Use:** dimethachlor  
dimethametryn: **Use:** dimethametryn  
dimethazone: **Use:** clomazone  
dimethenamid: **Use:** dimethenamid  
dimethipin: **Use:** dimethipin  
dimethirimol: **Use:** dimethirimol  
dimethoate: **Use:** dimethoate  
dimethoate oxygen analog: **Use:** omethoate  
dimethomorph: **Use:** dimethomorph  
dimethoxon: **Use:** omethoate  
dimethyl (1,2-phenylenebis(iminocarbothioyl))=bis(carbamate): **Use:** thiophanate-methyl  
dimethyl (1,2-phenylenebis(iminocarbonyl))=bis(carbamate): **Use:** allophanate  
dimethyl (2,2,2-trichloro-1-hydroxyethyl)phosphonate: **Use:** trichlorfon  
dimethyl (E)-1-methyl-2-(methylcarbamoyl)vinyl phosphate: **Use:** monocrotophos  
dimethyl 1,2,3-trithian-5-yl amine hydrogen oxalate: **Use:** thiocyclam-hydrogen oxalate  
dimethyl 1-methyl-3-(methylamino)-3-oxo-1-propenyl phosphate, (E)-: **Use:** monocrotophos  
dimethyl 1-methyl-N,N-(dimethylamino)-3-oxo-1-propenyl phosphate, (E)-: **Use:** dicrotophos  
dimethyl 2,2,2-trichloro-1-hydroxyethylphosphonate: **Use:** trichlorfon  
dimethyl 2,3,5,6-tetrachloro-1,4-benzenedicarboxylate: **Use:** DCPA  
dimethyl 4,4'-(o-phenylene)bis(3-thioallophanate): **Use:** thiophanate-methyl  
dimethyl N,N'-(thiobis((methylimino)carbonyloxy))=bis(ethanimidothioate): **Use:** thiodicarb  
dimethyl O-2-quinoxalanyl phosphorothioate: **Use:** quinalphos-methyl  
dimethyl O-quinoxalin-2-yl thionophosphate: **Use:** quinalphos-methyl  
dimethyl parathion: **Use:** parathion-methyl  
dimethyl phosphate of 3-hydroxy-N-methyl-cis-crotonamide: **Use:** dicrotophos  
dimethyl phosphate of 3-hydroxy-N-methyl-cis-crotonamide: **Use:** monocrotophos  
dimethyl phosphate of alpha-methylbenzyl 3-hydroxy-cis-crotonate: **Use:** crotoxyphos  
dimethyl S-(2-ethylsulfonyl)thiophosphate: **Use:** oxydemeton-methyl sulfone  
dimethyl tetrachloroterephthalate: **Use:** DCPA  
dimethyl-4,4'-N-phenylenebis-allophanate: **Use:** allophanate  
dimethyl-4,4'-o-phenylene bis(allophanate): **Use:** allophanate  
dimethyl-carbamodithioic acid, sodium salt: **Use:** sodium dimethyldithiocarbamate  
dimethylamino-1,2,3-trithiane hydrogen oxalate: **Use:** thiocyclam-hydrogen oxalate  
dimethylarsinic acid: **Use:** cacodylic acid  
dimethyldithiocarbamic acid sodium salt: **Use:** sodium dimethyldithiocarbamate  
dimethylvinphos: **Use:** dimethylvinphos  
dimexano : **Use:** dimexano  
Dimilin: **Use:** diflubenzuron  
diniconazole: **Use:** diniconazole  
dinitramine: **Use:** dinitramine  
dinitro-ortho-cresol: **Use:** DNOC  
dinobuton: **Use:** dinobuton  
dinocap: **Use:** dinocap  
dinoseb: **Use:** dinoseb  
dinotefuran: **Use:** dinotefuran  
dinotefuran  
dinotefuran: **Use:** dinotefuran  
dinoterb: **Use:** dinoterb  
dinoterbon : **Use:** dinoterbon  
diofenolan: **Use:** diofenolan  
dioxabenzofos: **Use:** dioxabenzofos  
dioxacarb: **Use:** dioxacarb  
dioxacin: **Use:** oxolinic acid  
dioxamyl: **Use:** oxamyl  
dioxathion: **Use:** dioxathion  
dioxymeton-S-methyl: **Use:** oxydemeton-methyl sulfone  
Dipel: **Use:** Bacillus thuringiensis  
diphenamid: **Use:** diphenamid  
diphenyl: **Use:** biphenyl  
diphenylamine: **Use:** diphenylamine  
diphenylmethanone O-(2,6-bis((4,6-dimethoxy-2-pyrimidin-2-yl)oxy)benzoyl)oxime: **Use:** pyribenzoxim  
dipropetryn: **Use:** dipropetryn  
dipropyl 2,5-pyridinedicarboxylate: **Use:** dipropyl isocinchomeronate  
dipropyl isocinchomeronate: **Use:** dipropyl isocinchomeronate  
dipropyl pyridine-2,5-dicarboxylate: **Use:** dipropyl isocinchomeronate  
Dipterex: **Use:** trichlorfon  
dipyrrithione: **Use:** dipyrrithione  
diquat: **Use:** diquat  
Dirimal: **Use:** oryzalin  
disodium 7-oxabicyclo(2.2.1)heptane-2,3-dicarboxylate: **Use:** endothal-sodium  
disodium arsenate: **Use:** disodium arsenate  
disodium hydrogen arsenate: **Use:** disodium arsenate  
disodium methanearsonate: **Use:** DSMA  
disodium methylarsonate: **Use:** DSMA  
disodium salt of methanearsonic acid: **Use:** DSMA  
Distinct: **Use:** diflufenzopyr  
disul-Na: **Use:** disul-Na  
disul-sodium: **Use:** disul-Na  
disulfoton: **Use:** disulfoton  
disulfoton oxygen analog: **Use:** demeton-S  
Disyston: **Use:** disulfoton  
ditalimfos: **Use:** ditalimfos  
Dithane M-22: **Use:** maneb  
Dithane M-45: **Use:** mancozeb  
Dithane Z-78: **Use:** zineb  
dithianon: **Use:** dithianon  
dithiodemeton: **Use:** disulfoton  
Dithione: **Use:** sulfotep  
dithiopyr: **Use:** dithiopyr  
dithiosystox: **Use:** disulfoton  
diuron: **Use:** diuron



Dividend: **Use:** difenoconazole  
 DMDK: **Use:** sodium dimethyldithiocarbamate  
 DMF: **Use:** dimefox  
 DNBP: **Use:** dinoseb  
 DNOC: **Use:** DNOC  
 DNOSBP: **Use:** dinoseb  
 DNSBP: **Use:** dinoseb  
 dodecachlorooctahydro-1,3,4-metheno-2H-cyclobuta(cd)pentalene: **Use:** mirex  
 dodecachloropentacyclo[5.3.0.02,6.03,9.04,8]decane : **Use:** mirex  
 dodecylguanidine monoacetate: **Use:** dodine  
 dodemorph acetate: **Use:** dodemorph acetate  
 dodine: **Use:** dodine  
 Dorado: **Use:** pyrifenox  
 Dormex: **Use:** hydrogen cyanamide  
 Dosanex: **Use:** metoxuron  
 Dotan: **Use:** chlormephos  
 Dowchlor: **Use:** Compound K  
 Dowco 179: **Use:** chlorpyrifos  
 Dowco 199: **Use:** ditalimfos  
 Dowco 213: **Use:** cyhexatin  
 Dowco 290: **Use:** clopyralid  
 Dowco 429: **Use:** butathiofos  
 Dowco 444: **Use:** pyroxyfur  
 Dowfume: **Use:** methyl bromide  
 Dowfume W-85: **Use:** ethylene dibromide  
 Dowicide: **Use:** sodium o-phenylphenate  
 Dowicide: **Use:** pentachlorophenol  
 Dowicide 1: **Use:** phenylphenol, o-  
 Dowicide 2: **Use:** 2,4,5-trichlorophenol  
 Dowicide A: **Use:** sodium o-phenylphenate  
 Dowpon: **Use:** dalapon sodium salt  
 DP-300: **Use:** cloxifenolum  
 DPA: **Use:** diphenylamine  
 DPX 3217: **Use:** cymoxanil  
 DPX-3792: **Use:** acequinocyl  
 DPX-43898: **Use:** chlorethoxyfos  
 DPX-66037: **Use:** triflurosulfuron methyl ester  
 DPX-A3674: **Use:** hexazinone  
 DPX-A7881: **Use:** ethametsulfuron methyl ester  
 DPX-D732: **Use:** terbacil  
 DPX-E9636: **Use:** rimsulfuron  
 DPX-F5384: **Use:** bensulfuron methyl ester  
 DPX-F6025: **Use:** chlorimuron ethyl ester  
 DPX-H6573: **Use:** flusilazole  
 DPX-JW062: **Use:** DPX-MP062  
 DPX-KN-127: **Use:** indoxacarb, (R)-  
 DPX-KN128: **Use:** indoxacarb  
 DPX-L5300: **Use:** tribenuron methyl ester  
 DPX-M6316: **Use:** thifensulfuron methyl ester  
 DPX-MP062: **Use:** DPX-MP062  
 DPX-PE 350: **Use:** pyriithiobac sodium salt  
 DPX-R6447: **Use:** azafenidin  
 DPX-T5648: **Use:** sulfometuron methyl ester  
 DPX-T6376: **Use:** metsulfuron methyl ester  
 DPX-V9360: **Use:** nicosulfuron  
 DPX-Y5893: **Use:** hexythiazox  
 DPX-Y6202: **Use:** quizalofop ethyl ester

DPXA 8947: **Use:** azimsulfuron  
 Dragon: **Use:** difenoconazole  
 Drawin 755: **Use:** butocarboxim  
 Drawinol: **Use:** dinobuton  
 drazoxolon: **Use:** drazoxolon  
 Drepamon: **Use:** tiocarbazil  
 Drinox: **Use:** heptachlor  
 Drive: **Use:** quinclorac  
 Dropp: **Use:** thidiazuron  
 DRW 1139: **Use:** metamitron  
 DSMA: **Use:** DSMA  
 DSMA: **Use:** alloxym-dim-sodium  
 DU 510311: **Use:** thicyofen  
 Du-ter: **Use:** triphenyltin hydroxide  
 Dual: **Use:** metolachlor  
 Duplosan DP: **Use:** dichlorprop-P  
 duragentam: **Use:** gentamicin sulfate  
 Duraphos: **Use:** mevinphos  
 Dursban: **Use:** chlorpyrifos  
 Dwell: **Use:** etridiazole  
 Dybar: **Use:** fenuron  
 Dyfen: **Use:** diphenamid  
 Dyfonate: **Use:** fonofos  
 Dylox: **Use:** trichlorfon  
 Dymid: **Use:** diphenamid  
 dymron: **Use:** daimuron  
 Dynone: **Use:** prothiocarb  
 Dyrene: **Use:** anilazine

**E**

E-787: **Use:** pyrimidifen  
 E-Z-Off D: **Use:** tribufos  
 ebufos: **Use:** cadusafos  
 ECO2 FUME: **Use:** phosphine  
 Ectoral: **Use:** ronnel  
 EDB: **Use:** ethylene dibromide  
 EDC: **Use:** ethylene dichloride  
 edifenphos: **Use:** edifenphos  
 EF-689: **Use:** fluroxypyr  
 Efosite-Al: **Use:** fosetyl-Al  
 Ekalux: **Use:** quinalphos  
 Ekamet: **Use:** etrimfos  
 Ekatin: **Use:** thiometon  
 Ektafos: **Use:** dicrotophos  
 EL-107: **Use:** isoxaben  
 EL-179: **Use:** isopropalin  
 EL-436: **Use:** fenazaquin  
 Elgetol 318: **Use:** dinoseb  
 Elgetox: **Use:** DNOC  
 Elite: **Use:** tebuconazole  
 Elocron: **Use:** dioxacarb  
 Elvaron: **Use:** dichlofluanid  
 emamectin benzoate: **Use:** emamectin benzoate (salt)  
 emamectin benzoate (salt):  
**Use:** emamectin benzoate (salt)  
 Embark: **Use:** mefluidide  
 Embutox: **Use:** 2,4-DB  
 Eminent: **Use:** tetraconazole  
 Enable: **Use:** fenbuconazole

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endaven: **Use:** benzoylprop-ethyl  
endosulfan: **Use:** endosulfan  
endosulfan 1: **Use:** endosulfan I  
endosulfan 2: **Use:** endosulfan II  
endosulfan A: **Use:** endosulfan I  
endosulfan B: **Use:** endosulfan II  
endosulfan I: **Use:** endosulfan I  
endosulfan II: **Use:** endosulfan II  
endosulfan sulfate: **Use:** endosulfan sulfate  
endosulfan-alpha: **Use:** endosulfan I  
endosulfan-beta: **Use:** endosulfan II  
endothal: **Use:** endothall  
endothal-sodium: **Use:** endothal-sodium  
endothall: **Use:** endothall  
Endrex: **Use:** endrin  
endrin: **Use:** endrin  
endrin ketone: **Use:** endrin ketone  
Endurance: **Use:** prodiamine  
Enide: **Use:** diphenamid  
enilconazole: **Use:** imazalil  
enneachlor: **Use:** trans-  
Entex: **Use:** fenthion  
Epal: **Use:** fosetyl-Al  
ephirsulfonate: **Use:** ovex  
Epic: **Use:** furmecyclox  
EPN: **Use:** EPN  
epoxiconazole: **Use:** epoxiconazole  
epoxyethane: **Use:** ethylene oxide  
Eptam: **Use:** EPTC  
EPTC: **Use:** EPTC  
esbiol: **Use:** S-bioallethrin  
Escort: **Use:** metsulfuron methyl ester  
esfenvalerate: **Use:** esfenvalerate  
esprocarb: **Use:** esprocarb  
Esteem: **Use:** pyriproxyfen  
estox: **Use:** oxydeprofos  
ET-751: **Use:** pyraflufen-ethyl  
etaconazole: **Use:** etaconazole  
Etazine: **Use:** secbumeton  
ethalfuralin: **Use:** ethalfuralin  
ethametsulfuron methyl:  
**Use:** ethametsulfuron methyl ester  
ethametsulfuron methyl ester:  
**Use:** ethametsulfuron methyl ester  
ethametsulfuron-methyl:  
**Use:** ethametsulfuron methyl ester  
ethanedial dioxime: **Use:** glyoxime  
ethazol: **Use:** etridiazole  
ethephon: **Use:** ethephon  
ethiofencarb: **Use:** ethiofencarb  
ethiolate: **Use:** ethiolate  
ethion: **Use:** ethion  
ethiozin: **Use:** Tycor  
ethiprole: **Use:** ethiprole  
ethirimol: **Use:** ethirimol  
ethofenprox: **Use:** etofenprox  
ethofumesate: **Use:** ethofumesate  
ethoprop: **Use:** ethoprop  
ethoprophos: **Use:** ethoprop  
ethoxy-4,6-dinitro-o-cresol,  $\alpha$ -: **Use:** etinofen  
ethoxyethyl (RS)-2-[4-(3-chloro-5-trifluoromethyl-2-pyridyloxy)phenoxy]propionate:  
**Use:** haloxyfop ethoxyethyl ester  
ethoxyquin: **Use:** ethoxyquin  
ethoxysulfuron: **Use:** ethoxysulfuron  
ethozin: **Use:** Tycor  
Ethrel: **Use:** ethephon  
ethychlozate: **Use:** ethychlozate  
ethyl 3,7,11-trimethyl 2,4-dodecadienoate, (E,E)-:  
**Use:** hydroprene  
ethyl (((diethoxyphosphinothioyl)thio)acetyl)=methylcarbamate: **Use:** mecarbam  
ethyl ((1-((dimethylamino)carbonyl)-3-(1,1-dimethylethyl)-1H-1,2,4-triazol-5-yl)thio)acetate:  
**Use:** triazamate  
ethyl (2-(4-phenoxyphenoxy)ethyl)carbamate:  
**Use:** fenoxycarb  
ethyl (2-chloro-5-(4-chloro-5-(difluoromethoxy)-1-methyl-1H-pyrazol-3-yl)-4-fluorophenoxy)acetate:  
**Use:** pyraflufen-ethyl  
ethyl (2E,4E)-3,7,11-trimethyl-2,4-dodecadienoate, (R)-and (S)-: **Use:** hydroprene  
ethyl (3-(((phenylamino)carbonyloxy)phenyl)=carbamate): **Use:** desmedipham  
ethyl (3-tert-butyl-1-dimethylcarbamoyl-1H-1,2,4-triazol-5-ylthio)acetate: **Use:** triazamate  
ethyl (diethoxyphosphinothioylthio)acetyl(methyl)=carbamate: **Use:** mecarbam  
ethyl (E,E)-(RS)-3,7,11-trimethyldodeca-2,4-dienoate:  
**Use:** hydroprene  
ethyl (RS)-2-[4-(6-chlorobenzoxazol-2-yloxy)=phenoxy]propionate: **Use:** fenoxaprop ethyl ester  
ethyl (RS)-2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]=propionate: **Use:** quizalofop ethyl ester  
ethyl (RS)-3-(3,5-dichlorophenyl)-5-methyl-2,4-dioxo-1,3-oxazolidine-5-carboxylate: **Use:** chlozolinate  
ethyl (Z)-N-benzyl-N-[[methyl(1-methylthioethylidene)=amino-oxycarbonyl]amino]thio]- $\beta$ -alaninate:  
**Use:** alanycarb  
ethyl ( $\pm$ )-3-(3,5-dichlorophenyl)-5-methyl-2,4-dioxo-1,3-oxazolidine-5-carboxylate: **Use:** chlozolinate  
ethyl 2-(((4-chloro-6-methoxy-2-pyrimidinyl)amino)=carbonyl)amino)sulfonyl]benzoate:  
**Use:** chlorimuron ethyl ester  
ethyl 2-(((diethoxyphosphinothioyl)oxy)-5-methylpyrazolo(1,5-a)pyrimidine-6-carboxylate:  
**Use:** pyrazophos  
ethyl 2-(4-((6-chloro-2-benzoxazolyl)oxy)phenoxy)=propanoate, ( $\pm$ ): **Use:** fenoxaprop ethyl ester  
ethyl 2-(4-((6-chloro-2-quinoxalinyloxy)phenoxy)=propanoate, (R)-: **Use:** quizalofop-P-ethyl  
ethyl 2-(4-((6-chloro-2-quinoxalinyloxy)phenoxy)=propanoate, (R)-: **Use:** quizalofop-P-ethyl  
ethyl 2-(4-(6-chloro-2-benzoxazolyl)oxy)phenoxy)-ethylpropanoate, (2R)-:  
**Use:** fenoxaprop-P ethyl ester  
ethyl 2-(4-(6-chloro-quinoxalin-2-yl-oxy)phenoxy)=propanoate: **Use:** quizalofop ethyl ester  
ethyl 2-(4-phenoxyphenoxy)ethylcarbamate: **Use:** fenoxycarb  
ethyl 2-chloro-3-(2-chloro-5-(1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isoindol-2-yl)phenyl)-2-propenoate:  
**Use:** cinidon-ethyl

- ethyl 2-chloro-3-[2-chloro-5-(cyclohex-1-ene-1,2-dicarboximido)phenyl]acrylate: **Use:** cinidon-ethyl
- ethyl 2-chloro-5-(4-chloro-5-difluoromethoxy-1-methylpyrazol-3-yl)-4-fluorophenoxyacetate: **Use:** pyraflufen-ethyl
- ethyl 2-diethoxyphosphinothioxyloxy-5-methylpyrazolo-[1,5-a]pyrimidine-6-carboxylate: **Use:** pyrazophos
- ethyl 2-[4-(6-chloro-1,3-benzoxazol-2-yloxy)phenoxy]=propionate, (R)-: **Use:** fenoxaprop-P ethyl ester
- ethyl 2-[4-(6-chlorobenzoxazol-2-yloxy)phenoxy]=propionate, (R)-: **Use:** fenoxaprop-P ethyl ester
- ethyl 3'-(3'-methylcarbaniloxy)carbanilate: **Use:** phenmedipham-ethyl
- ethyl 3'-phenylcarbamoyloxycarbanilate: **Use:** desmedipham
- ethyl 3,7-dimethyl-6-oxo-9-(phenylmethyl)-5-oxa-2,8-dithia-4,7,9-triazadodec-3-en-12-oate, (Z)-: **Use:** alanycarb
- ethyl 3-(3,5-dichlorophenyl)-5-methyl-2,4-dioxo-5-oxazolidinecarboxylate: **Use:** chlozolate
- ethyl 3-methyl-4-(methylthio)phenyl (1-methylethyl)=phosphoramidate: **Use:** fenamiphos
- ethyl 3-phenylcarbamoyloxyphenylcarbamate: **Use:** desmedipham
- ethyl 3-trichloromethyl-1,2,4-thiadiazol-5-yl ether: **Use:** etridiazole
- ethyl 4,4'-dichlorobenzilate: **Use:** chlorobenzilate
- ethyl 4-(cyclopropylhydroxymethylene)-3,5-dioxocyclohexanecarboxylate: **Use:** trinexapac-ethyl
- ethyl 4-chloro-2-oxo-3(2H)-benzothiazoleacetate: **Use:** benazolin-ethyl
- ethyl 4-chloro- $\alpha$ -(4-chlorophenyl)- $\alpha$ -hydroxybenzeneacetate: **Use:** chlorobenzilate
- ethyl 4-cyclopropyl(hydroxymethylene)-3,5-dioxocyclohexanecarboxylate: **Use:** trinexapac-ethyl
- ethyl 4-methylthio-m-tolyl isopropylphosphoramidate: **Use:** fenamiphos
- ethyl 5,5-diphenyl-2-isoxazoline-3-carboxylate: **Use:** isoxadifen-ethyl
- ethyl 5-(4,6-dimethoxy-2-pyrimidin-2-ylcarbamoyl)sulfamoyl-1-methylpyrazole-4-carboxylate: **Use:** pyrazosulfuron-ethyl
- ethyl 5-chloro-1H-indazole-3-acetate: **Use:** ethychlozate
- ethyl 5-chloro-3(1H)-indazolylacetate: **Use:** ethychlozate
- ethyl  $\alpha$ ,2-dichloro-5-(4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl)-4-fluorobenzenepropanoate: **Use:** carfentrazone ethyl ester
- ethyl  $\alpha$ -((dimethoxyphosphinothioyl)thio)benzene=acetate: **Use:** phenthoate
- ethyl dimethoxyphosphinothioylthio(phenyl)acetate: **Use:** phenthoate
- ethyl formate: **Use:** ethyl formate
- Ethyl Guthion: **Use:** azinphos-ethyl
- ethyl N-((((2,3-dihydro-2,2-dimethyl-7-benzofuranyl)oxy)carbonyl)methylamino)thio)-N-(1-methylethyl)- $\beta$ -alaninate: **Use:** benfuracarb
- ethyl N-(chloroacetyl)-N-(2,6-diethylphenyl)glycine: **Use:** diethatyl-ethyl
- ethyl N-(diethoxythiophosphorylthio)acetyl-N-methylcarbamate: **Use:** mecarbam
- ethyl N-benzoyl-N-(3,4-dichlorophenyl)-DL-alaninate: **Use:** benzoylprop-ethyl
- ethyl N-[2,3-dihydro-2,2-dimethylbenzofuran-7-yloxy-carbonyl(methyl)aminothio]-N-isopropyl- $\beta$ -alaninate: **Use:** benfuracarb
- ethyl O-benzoyl-3-chloro-2,6-dimethoxybenzohydroximate: **Use:** benzoximate
- ethyl O-[5-(2-chloro- $\alpha,\alpha,\alpha$ -trifluoro-p-tolyloxy)-2-nitrobenzoyl]-DL-lactate: **Use:** lactofen
- ethyl O-[5-(2-chloro- $\alpha,\alpha,\alpha$ -trifluoro-p-tolyloxy)-2-nitrobenzoyl]glycolate: **Use:** fluoroglycofen ethyl ester
- ethyl parathion: **Use:** parathion
- ethyl pyrophosphate: **Use:** TEPP
- ethyl, N-(chloroacetyl)-N-(2,6-diethylphenyl)glycinate: **Use:** diethatyl-ethyl
- ethyl-1-(2,4-dichlorophenyl)-5-trichloromethyl-1H-1,2,4-triazole-3-carboxylate: **Use:** fenchlorazole-ethyl
- ethyl-5-((((4,6-dimethoxy-2-pyrimidinyl)amino)=carbonyl)amino)sulfonyl)-1-methyl-1H-pyrazole-4-carboxylate: **Use:** pyrazosulfuron-ethyl
- ethyl-DDD: **Use:** ethylan
- ethylan: **Use:** ethylan
- ethylene chloride: **Use:** ethylene dichloride
- ethylene dibromide: **Use:** ethylene dibromide
- ethylene dichloride: **Use:** ethylene dichloride
- ethylene oxide: **Use:** ethylene oxide
- ethylenebisdithiocarbamate metabolite: **Use:** ethylenethiourea
- ethylenethiourea: **Use:** ethylenethiourea
- ethylthiodemeton: **Use:** demeton-O
- etinofen: **Use:** etinofen
- etinofen : **Use:** etinofen
- ETO: **Use:** ethylene oxide
- etobenzanid: **Use:** etobenzanid
- ETOC: **Use:** prallethrin
- etofenprox: **Use:** etofenprox
- etoxazole: **Use:** etoxazole
- etridiazole: **Use:** etridiazole
- etrimfos: **Use:** etrimfos
- Etrolan: **Use:** isoprocarb
- Etrolene: **Use:** ronnel
- etychlozate: **Use:** ethychlozate
- Eunasin: **Use:** benazolin
- Euparen: **Use:** dichlofluanid
- Euparen M: **Use:** tolylfluanid
- Evik: **Use:** ametryn
- Evisect: **Use:** thiocyclam-hydrogen oxalate
- Evisekt: **Use:** thiocyclam-hydrogen oxalate
- Evital: **Use:** norflurazon
- exo-1,4,5,6,7,7-hexachloro-5-norbornene-2,3-dimethanol cyclic sulfite: **Use:** endosulfan II
- EXP 1659: **Use:** fosetyl-Al
- EXP-30953: **Use:** isoxaflutole
- Expand: **Use:** sethoxydim
- Expert: **Use:** oxasulfuron
- Express: **Use:** tribenuron methyl ester

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### F

F6285: **Use:** sulfentrazone  
F8426: **Use:** carfentrazone ethyl ester  
FAC: **Use:** prothoate  
Facet: **Use:** quinclorac  
Fademorf: **Use:** trimorphamide  
Famid: **Use:** dioxacarb  
Famophos: **Use:** famphur  
famoxadone: **Use:** famoxadone  
famoxadone (prop): **Use:** famoxadone  
famphur: **Use:** famphur  
Faneron: **Use:** bromofenoxim  
Far-Go: **Use:** tri-allate  
Fastac: **Use:** alpha-cypermethrin  
Fatex: **Use:** chlorfenprop-methyl  
fatsco ant poison: **Use:** monosodium arsenate  
fava bean component: **Use:** 4-chloro-6-methoxyindole  
FCR 1272: **Use:** cyfluthrin  
FCR 4545: **Use:** cyfluthrin, beta-  
fenac: **Use:** fenac  
fenamidone: **Use:** fenamidone  
fenaminosulf: **Use:** fenaminosulf  
fenamiphos: **Use:** fenamiphos  
fenarimol: **Use:** fenarimol  
fenazaquin: **Use:** fenazaquin  
fenbuconazole: **Use:** fenbuconazole  
fenbutatin oxide: **Use:** fenbutatin oxide  
fenchlorazole-ethyl: **Use:** fenchlorazole-ethyl  
fenchlorphos: **Use:** ronnel  
Fendona: **Use:** cypermethrin  
fenethacarb: **Use:** fenethacarb  
fenethacarb : **Use:** fenethacarb  
fenfuram: **Use:** fenfuram  
fenhexamid: **Use:** fenhexamid  
fenitrothion: **Use:** fenitrothion  
fenobucarb: **Use:** fenobucarb  
fenocarb: **Use:** fenobucarb  
fenoprop: **Use:** silvex  
fenothiocarb: **Use:** fenothiocarb  
fenothrin: **Use:** phenothrin  
Fenoverm: **Use:** phenothiazine  
fenoxacrim: **Use:** fenoxacrim  
fenoxan: **Use:** clomazone  
fenoxaprop ethyl ester: **Use:** fenoxaprop ethyl ester  
fenoxaprop-ethyl: **Use:** fenoxaprop ethyl ester  
fenoxaprop-P ethyl: **Use:** fenoxaprop-P ethyl ester  
fenoxaprop-P ethyl ester: **Use:** fenoxaprop-P ethyl ester  
fenoxycarb: **Use:** fenoxycarb  
fenphosphorin: **Use:** dioxabenzofos  
fepiclonil: **Use:** fepiclonil  
fenpropathrin: **Use:** fenpropathrin  
fenpropidin: **Use:** fenpropidin  
fenpropimorph: **Use:** fenpropimorph  
Fenpyrate: **Use:** pyridate  
fenpyroximate: **Use:** fenpyroximate  
fenridazon potassium: **Use:** fenridazone, potassium salt  
fenridazon, potassium salt: **Use:** fenridazone, potassium salt  
fenridazone, potassium salt: **Use:** fenridazone, potassium salt  
fenson: **Use:** fenson  
fensulfothion: **Use:** fensulfothion  
fenthion: **Use:** fenthion  
Fentiazin: **Use:** phenothiazine  
fentin acetate: **Use:** triphenyltin acetate  
fentin hydroxide: **Use:** triphenyltin hydroxide  
fentinacetat: **Use:** triphenyltin acetate  
fenuron: **Use:** fenuron  
fenvalerate: **Use:** fenvalerate  
fenvalerate isomer: **Use:** esfenvalerate  
ferbam: **Use:** ferbam  
ferimzone: **Use:** ferimzone  
Fermate: **Use:** ferbam  
ferric dimethyldithiocarbamate: **Use:** ferbam  
Fervin: **Use:** alloxym-sodium  
Fervinal: **Use:** sethoxydim  
Ficam: **Use:** bendiocarb  
Figaron: **Use:** ethychlozate  
Filariol: **Use:** bromophos-ethyl  
Finaven: **Use:** difenzoquat methyl sulfate  
fipronil: **Use:** fipronil  
Firstrate: **Use:** cloransulam methyl ester  
flamprop-isopropyl: **Use:** flamprop-isopropyl  
flamprop-M-isopropyl: **Use:** flamprop-M-isopropyl  
flamprop-M-methyl: **Use:** flamprop-M-methyl  
flamprop-methyl: **Use:** flamprop-methyl  
flazasulfuron: **Use:** flazasulfuron  
FLEX: **Use:** sodium salt of fomesafen  
Flexidor: **Use:** isoxaben  
flonicamid (prop): **Use:** flonicamid (prop)  
Floraltone: **Use:** gibberellic acid  
Floramite: **Use:** bifenazate  
Florel: **Use:** ethephon  
fluazifop butyl ester: **Use:** fluazifop butyl ester  
fluazifop-butyl: **Use:** fluazifop butyl ester  
fluazifop-P butyl ester: **Use:** fluazifop-P butyl ester  
fluazifop-P-butyl: **Use:** fluazifop-P butyl ester  
fluazinam: **Use:** fluazinam  
fluazolate: **Use:** fluazolate  
fluazuron: **Use:** fluazuron  
flubenzimine: **Use:** flubenzimine  
flucarbazone sodium: **Use:** flucarbazone sodium salt  
flucarbazone sodium salt: **Use:** flucarbazone sodium salt  
flucarbazone-sodium: **Use:** flucarbazone sodium salt  
fluchloralin: **Use:** fluchloralin  
flucycloxuron: **Use:** flucycloxuron  
flucythrinate: **Use:** flucythrinate  
fludioxonil: **Use:** fludioxonil  
flufenacet: **Use:** flufenacet  
flufenoxuron: **Use:** flufenoxuron  
flufenprox: **Use:** flufenprox  
flumetover: **Use:** flumetover  
flumetralin: **Use:** flumetralin  
flumetsulam: **Use:** flumetsulam



flumiclorac pentyl ester: **Use:** flumiclorac pentyl ester  
 flumiclorac-pentyl: **Use:** flumiclorac pentyl ester  
 flumioxazin: **Use:** flumioxazin  
 flumipropyn: **Use:** flumipropyn  
 fluometuron: **Use:** fluometuron  
 fluoridamid : **Use:** fluoridamid  
 fluorine compounds: **Use:** cryolite  
 fluorochloridone: **Use:** fluorochloridone  
 fluorodifen: **Use:** fluorodifen  
 fluoroglycofen ethyl ester: **Use:** fluoroglycofen ethyl ester  
 fluoroglycofen-ethyl: **Use:** fluoroglycofen ethyl ester  
 fluoroimide: **Use:** fluoroimide  
 fluoromide: **Use:** fluoromide  
 fluoxastrobin (prop): **Use:** fluoxastrobin  
 flupoxam: **Use:** flupoxam  
 flupropacil: **Use:** flupropacil  
 flupropanate: **Use:** flupropanate  
 flupropanate : **Use:** tetrapion  
 flupyrsulfuron: **Use:** flupyrsulfuron  
 flupyrsulfuron (prop): **Use:** flupyrsulfuron  
 fluquinconazole: **Use:** fluquinconazole  
 flurazole: **Use:** flurazole  
 flurecol n-butyl ester: **Use:** flurecol n-butyl ester  
 flurenol-butyl: **Use:** flurecol n-butyl ester  
 fluridone: **Use:** fluridone  
 fluorochloridone: **Use:** fluorochloridone  
 fluoxypyr: **Use:** fluoxypyr  
 fluoxypyr 1-methylheptyl ester: **Use:** fluoxypyr-meptyl  
 fluoxypyr butoxypropyl ester: **Use:** fluoxypyr butoxypropyl ester  
 fluoxypyr-butoxypropyl: **Use:** fluoxypyr butoxypropyl ester  
 fluoxypyr-meptyl: **Use:** fluoxypyr-meptyl  
 flurtamone: **Use:** flurtamone  
 flusilazole: **Use:** flusilazole  
 flusulfamide: **Use:** flusulfamide  
 fluthiacet-methyl: **Use:** fluthiacet-methyl  
 flutolanil: **Use:** flutolanil  
 flutriafol: **Use:** flutriafol  
 fluvalinate: **Use:** fluvalinate  
 fluvalinate, ( $\alpha$  RS,2R)-: **Use:** fluvalinate  
 fluvalinate, tau-: **Use:** fluvalinate, tau-  
 fluxofenim: **Use:** fluxofenim  
 FMC 116426: **Use:** carfentrazone ethyl ester  
 FMC 35001: **Use:** carbosulfan  
 FMC 54800: **Use:** bifenthrin  
 FMC 57020: **Use:** clomazone  
 FMC 67825: **Use:** cadusafos  
 FMC 97285: **Use:** sulfentrazone  
 Focus: **Use:** cycloxydim  
 FOE 5043: **Use:** flufenacet  
 Folbex: **Use:** chlorobenzilate  
 Folex: **Use:** merphos  
 Folicur: **Use:** tebuconazole  
 Folimat: **Use:** omethoate  
 Folithion: **Use:** fenitrothion  
 Folpan: **Use:** folpet  
 folpel: **Use:** folpet  
 folpet: **Use:** folpet  
 folpet metabolite: **Use:** trichloromethanethiol  
 fomesafen sodium: **Use:** sodium salt of fomesafen  
 Fongamil: **Use:** furalaxyl  
 Fongarid: **Use:** furalaxyl  
 Fongoren: **Use:** pyroquilon  
 fonofos: **Use:** fonofos  
 foramsulfuron: **Use:** foramsulfuron  
 Foray: **Use:** Bacillus thuringiensis  
 Force: **Use:** tefluthrin  
 forchlorfenuron: **Use:** forchlorfenuron  
 formaldehyde: **Use:** formaldehyde  
 formetanate hydrochloride: **Use:** formetanate hydrochloride  
 formic acid, methyl ester: **Use:** methyl formate  
 formothion: **Use:** formothion  
 Fortress: **Use:** chlorethoxyfos  
 Forum: **Use:** dimethomorph  
 fosetyl-Al: **Use:** fosetyl-Al  
 fosetyl-aluminum: **Use:** fosetyl-Al  
 fosmethilan: **Use:** fosmethilan  
 fosthiazate: **Use:** fosthiazate  
 fosthietan: **Use:** fosthietan  
 FRAP: **Use:** difethialone  
 Frenock: **Use:** tetrapion  
 Freshgard: **Use:** imazalil  
 Frontier: **Use:** dimethenamid  
 frucote: **Use:** sec-butylamine  
 Frufix: **Use:** naphthaleneacetamide  
 Fruitone: **Use:** 1-naphthylacetic acid  
 Frupica: **Use:** mepanipyrim  
 fthalide: **Use:** phthalide  
 fthalide: **Use:** fthalide  
 fuberidazole: **Use:** fuberidazole  
 Fuji-one: **Use:** isoprothiolane  
 Fulfill: **Use:** pymetrozine  
 Fumazone: **Use:** dibromochloropropane  
 Fundal: **Use:** chlordimeform  
 Fungaflor: **Use:** imazalil  
 Fungazil: **Use:** imazalil  
 Funginex: **Use:** triforine  
 Furadan: **Use:** carbofuran  
 Furado: **Use:** pyrifenox  
 furalaxyl: **Use:** furalaxyl  
 furametpyr: **Use:** furametpyr  
 furathiocarb: **Use:** furathiocarb  
 furconazole-cis: **Use:** furconazole-cis  
 furethrin: **Use:** furethrin  
 furilazole: **Use:** furilazole  
 furmecyclox: **Use:** furmecyclox  
 furophanate: **Use:** furophanate  
 Furore: **Use:** fenoxaprop ethyl ester  
 Furore Super: **Use:** fenoxaprop-P ethyl ester  
 Fury: **Use:** cypermethrin, zeta-furyloxyfen  
 Furyloxyfen: **Use:** furyloxyfen  
 Fusarex: **Use:** tecnazene  
 Fusilade: **Use:** fluazifop butyl ester  
 Fusilade S: **Use:** fluazifop-P butyl ester



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### G

G-24163: **Use:** chloropropylate  
G-27550: **Use:** G-27550  
G-32911: **Use:** simetryn  
G-34161: **Use:** prometryn  
Galben: **Use:** benalaxyl  
Galecron: **Use:** chlordimeform  
Gallant: **Use:** haloxyfop ethoxyethyl ester  
Gallery: **Use:** isoxaben  
Gamit: **Use:** clomazone  
gamma-1,2,3,4,5,6-hexachlorocyclohexane:  
**Use:** lindane  
Gammexane: **Use:** lindane  
garamycin: **Use:** gentamicin sulfate  
garasol: **Use:** gentamicin sulfate  
Gardona: **Use:** Gardona  
Gardona metabolite: **Use:** 2,4,5-trichloro- $\alpha$ -methylbenzenemethanol  
Gardoprim: **Use:** terbuthylazine  
Garlon: **Use:** triclopyr  
Garvox: **Use:** bendiocarb  
Gatnon: **Use:** benzthiazuron  
Gaucho: **Use:** imidacloprid  
Gauntlet: **Use:** nuarimol  
GC-1283: **Use:** mirex  
Gencor: **Use:** hydroprene  
Genesis: **Use:** clofencet potassium salt  
genoptic: **Use:** gentamicin sulfate  
Gent-Ophtal: **Use:** gentamicin sulfate  
gentacidin: **Use:** gentamicin sulfate  
gentacin: **Use:** gentamicin sulfate  
gentaglyde: **Use:** gentamicin sulfate  
gentalyn: **Use:** gentamicin sulfate  
Gentamex 100: **Use:** gentamicin sulfate  
gentamicin sulfate: **Use:** gentamicin sulfate  
gentamycin sulfate: **Use:** gentamicin sulfate  
gentibioptal: **Use:** gentamicin sulfate  
genticin: **Use:** gentamicin sulfate  
gentocin: **Use:** gentamicin sulfate  
gentogram: **Use:** gentamicin sulfate  
Gesafloc: **Use:** trietazine  
Gesagard: **Use:** prometryn  
Gesamil: **Use:** propazine  
Gesaprim: **Use:** atrazine  
Gesaran: **Use:** methoprotrotyne  
getalline: **Use:** gentamicin sulfate  
gibb-3-ene-1,10-dicarboxylic acid, 2,4a,7-trihydroxy-1-methyl-8-methylene-, 1,4a-lactone, (1 $\alpha$ ,2 $\beta$ ,4 $\alpha\alpha$ ,4 $\beta\beta$ ,10 $\beta$ ): **Use:** gibberellic acid  
gibberellic acid: **Use:** gibberellic acid  
gibberellin a3: **Use:** gibberellic acid  
gibberellins: **Use:** gibberellic acid  
Glean: **Use:** chlorsulfuron  
glufosinate ammonium salt (1:1):  
**Use:** glufosinate ammonium salt (1:1)  
glufosinate-ammonium: **Use:** glufosinate ammonium salt (1:1)  
Glycophene: **Use:** iprodione  
glyodin: **Use:** glyodin

glyoxal dioxime: **Use:** glyoxime  
glyoxide: **Use:** glyodin  
glyoxime: **Use:** glyoxime  
glyphosate: **Use:** glyphosate  
glyphosate-trimethylsulfonium: **Use:** glyphosate-trimethylsulfonium  
glyphosine: **Use:** glyphosine  
Gnatrol: **Use:** Bacillus thuringiensis  
Goal: **Use:** oxyfluorfen  
Goltix: **Use:** metamitron  
GR 572: **Use:** novaluron  
Graminon: **Use:** isoproturon  
Gramoxone: **Use:** paraquat  
Gramurin: **Use:** oxolinic acid  
Graslan: **Use:** tebuthiuron  
Grasp: **Use:** tralkoxydim  
Grenade: **Use:** cyhalothrin  
Gropper: **Use:** metsulfuron methyl ester  
GS-13529: **Use:** terbuthylazine  
GS-19851: **Use:** bromopropylate  
Guthion: **Use:** azinphos-methyl  
GWG 1609: **Use:** tebuconazole  
Gy-bon: **Use:** simetryn

### H

halacrinat: **Use:** halacrinat  
halfenprox: **Use:** halfenprox  
Halloween: **Use:** chlormequat chloride  
halofenozide: **Use:** halofenozide  
halosafen: **Use:** halosafen  
halosulfuron: **Use:** halosulfuron-methyl  
halosulfuron-methyl: **Use:** halosulfuron-methyl  
haloxyfop: **Use:** haloxyfop  
haloxyfop ethoxyethyl ester:  
**Use:** haloxyfop ethoxyethyl ester  
haloxyfop methyl ester: **Use:** haloxyfop methyl ester  
haloxyfop-ethoxyethyl:  
**Use:** haloxyfop ethoxyethyl ester  
haloxyfop-etotyl: **Use:** haloxyfop ethoxyethyl ester  
haloxyfop-methyl: **Use:** haloxyfop methyl ester  
Hanane: **Use:** dimefox  
Harmony: **Use:** thifensulfuron methyl ester  
Harness: **Use:** acetochlor  
Harvade: **Use:** dimethipin  
harven: **Use:** sodium dehydroacetate  
Hataclean: **Use:** trichlamide  
HCB: **Use:** hexachlorobenzene  
HCH: **Use:** BHC  
HCH, gamma: **Use:** lindane  
HCN: **Use:** hydrogen cyanide  
Hedonal DP: **Use:** dichlorprop  
Helix: **Use:** chlorfluazuron  
Helmetina: **Use:** phenothiazine  
Helothion: **Use:** sulprofos  
HEOD: **Use:** dieldrin  
heptachlor: **Use:** heptachlor  
heptachlor epoxide: **Use:** heptachlor epoxide  
heptachlor metabolite: **Use:** heptachlor epoxide  
heptaklor: **Use:** heptachlor

Heptamul: **Use:** heptachlor  
 heptenophos: **Use:** heptenophos  
 heptyl-gamma-butyrolactone, gamma-: **Use:** dihydro-5-heptyl-2(3H)-furanone  
 Herald: **Use:** fenpropathrin  
 Herbadox: **Use:** pendimethalin  
 Herban: **Use:** norea  
 Herbicide 273: **Use:** endothall  
 Herbizid DP: **Use:** dichlorprop  
 Hercules 14503: **Use:** dialifor  
 hexachlorobenzene: **Use:** hexachlorobenzene  
 hexachlorocyclohexane, 1 $\alpha$ ,2 $\alpha$ ,3 $\beta$ ,4 $\alpha$ ,5 $\alpha$ ,6 $\beta$ -: **Use:** lindane  
 hexachlorocyclohexane, gamma: **Use:** lindane  
 hexachlorophene: **Use:** hexachlorophene  
 hexaconazole: **Use:** hexaconazole  
 hexadecyl cyclopropanecarboxylate: **Use:** cycloprate  
 hexadrin: **Use:** endrin  
 hexaflumuron: **Use:** hexaflumuron  
 hexakis(2-methyl-2-phenylpropyl)distannoxane: **Use:** fenbutatin oxide  
 hexazinone: **Use:** hexazinone  
 hexythiazox: **Use:** hexythiazox  
 HF-6305: **Use:** imibenconazole  
 HF-8505: **Use:** imibenconazole  
 HHDN: **Use:** aldrin  
 HHP: **Use:** fenoxacrim  
 Hi-Yield Desiccant H-10: **Use:** arsenic acid  
 Hinochloa: **Use:** mefenacet  
 Hinosan: **Use:** edifenphos  
 HOE 046360: **Use:** fenoxaprop-P ethyl ester  
 HOE 075032: **Use:** amidosulfuron  
 HOE 084498: **Use:** silafluofen  
 HOE 095404: **Use:** ethoxysulfuron  
 HOE 107892: **Use:** mefenpyr-diethyl  
 HOE 36275: **Use:** isamidofos  
 HOE 39866: **Use:** glufosinate ammonium salt (1:1)  
 HOE 70542: **Use:** fenchlorazole-ethyl  
 HOE-023408: **Use:** diclofop-methyl  
 HOE-33171: **Use:** fenoxaprop ethyl ester  
 Hoe-grass: **Use:** diclofop-methyl  
 Hoelon: **Use:** diclofop-methyl  
 HOK-1566: **Use:** isoxapyrifop  
 HOK-868: **Use:** isoxapyrifop  
 Horizon: **Use:** tebuconazole  
 Hostaquick: **Use:** heptenophos  
 Hostathion: **Use:** triazophos  
 HU-195: **Use:** nicosulfuron  
 HW-52: **Use:** etobenzanid  
 HWG 1608: **Use:** tebuconazole  
 Hybrex: **Use:** fenridazone, potassium salt  
 Hydout: **Use:** endothall  
 hydramethylnon: **Use:** hydramethylnon  
 hydrocyanic acid: **Use:** hydrogen cyanide  
 hydrogen cyanamide: **Use:** hydrogen cyanamide  
 hydrogen cyanide: **Use:** hydrogen cyanide  
 hydrogen phosphide: **Use:** phosphine  
 hydroprene: **Use:** hydroprene

hydroxydiphenyl, sodium salt:  
**Use:** sodium o-phenylphenate  
 hydroxytriphenylstannane: **Use:** triphenyltin hydroxide  
 hymexazol: **Use:** hymexazol  
 Hytox: **Use:** isoprocarb  
 Hyvar X: **Use:** bromacil  
 Hyzole: **Use:** hymexazol

I

IBP: **Use:** iprobenfos  
 ICIA0001: **Use:** zarilamid  
 ICIA0051: **Use:** sulcotrione  
 ICIA5504: **Use:** azoxystrobin E-isomer  
 ICIA5682: **Use:** flufenprox  
 Icon: **Use:** lambda-cyhalothrin  
 IDH-1105: **Use:** triaziflam  
 Ignite: **Use:** glufosinate ammonium salt (1:1)  
 Igran: **Use:** terbutryn  
 IKI 1145: **Use:** fosthiazate  
 Illoxan: **Use:** diclofop-methyl  
 imazalil: **Use:** imazalil  
 imazamethabenz methyl ester:  
**Use:** imazamethabenz methyl ester  
 imazamethabenz-methyl:  
**Use:** imazamethabenz methyl ester  
 imazamox: **Use:** imazamox  
 imazapic: **Use:** imazapic  
 imazapic (prop): **Use:** imazapic  
 imazapic ammonium salt:  
**Use:** imazapic ammonium salt  
 imazapyr: **Use:** imazapyr  
 imazapyr 2-propanaminium salt (1:1):  
**Use:** imazapyr 2-propanaminium salt (1:1)  
 imazapyr isopropylamine salt: **Use:** imazapyr 2-propanaminium salt (1:1)  
 imazapyr-isopropylamine: **Use:** imazapyr 2-propanaminium salt (1:1)  
 imazaquin: **Use:** imazaquin  
 imazethapyr: **Use:** imazethapyr  
 imazethapyr ammonium salt:  
**Use:** imazethapyr ammonium salt  
 imazethapyr-ammonium:  
**Use:** imazethapyr ammonium salt  
 imazosulfuron: **Use:** imazosulfuron  
 imibenconazole: **Use:** imibenconazole  
 imidacloprid: **Use:** imidacloprid  
 Imidan: **Use:** phosmet  
 iminoctadine: **Use:** iminoctadine  
 imiprothrin: **Use:** imiprothrin  
 Impact: **Use:** flutriafof  
 impazapic: **Use:** imazapic  
 Imperator: **Use:** cypermethrin  
 IN-A0159: **Use:** nithiazine  
 IN-A8947: **Use:** azimsulfuron  
 IN-KN127: **Use:** indoxacarb, (R)-  
 inabenfide: **Use:** inabenfide  
 indanofan: **Use:** indanofan  
 Indar: **Use:** fenbuconazole  
 indoxacarb: **Use:** indoxacarb  
 indoxacarb, (R)-: **Use:** indoxacarb, (R)-

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Intrepid: **Use:** methoxyfenozide  
iodofenphos: **Use:** jodfenphos  
iodosulfuron-methyl-sodium: **Use:** iodosulfuron-methyl-sodium  
ioxynil: **Use:** ioxynil  
IPC: **Use:** propham  
ipconazole: **Use:** ipconazole  
iprobenfos: **Use:** iprobenfos  
iprodone: **Use:** iprodione  
iprodone metabolite isomer: **Use:** N-(3,5-dichlorophenyl)-3-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide  
iprovalicarb: **Use:** iprovalicarb  
Irgasan: **Use:** cloxifenolium  
Irgasan CH 3635: **Use:** cloxifenolium  
Irgasan DP 300: **Use:** cloxifenolium  
iron tris(dimethyldithiocarbamate) : **Use:** ferbam  
iron(III) dimethyldithiocarbamate: **Use:** ferbam  
isamidofos: **Use:** isamidofos  
isazofos: **Use:** isazofos  
Iso-Cornox: **Use:** mecoprop  
isocarbamid: **Use:** isocarbamid  
isocinchomeric acid, dipropyl ester: **Use:** dipropyl isocinchomeronate  
isocinchomeronyl dipropyl ester: **Use:** dipropyl isocinchomeronate  
isocyanuric chloride: **Use:** trichloroisocyanuric acid  
isofenphos: **Use:** isofenphos  
isofenphos metabolite: **Use:** des N-isopropyl isofenphos  
isomeric reaction mixture in which O-2,5-dichlorophenyl-4-methylthiophenyl O,O-diethyl phosphorothioate predominates: **Use:** chlorthiophos  
isometasystox sulfone: **Use:** oxydemeton-methyl sulfone  
isomethylsystox sulfone:  
**Use:** oxydemeton-methyl sulfone  
isoproc carb: **Use:** isoproc carb  
isopropalin: **Use:** isopropalin  
isopropyl (3-chloro-4-methoxyphenyl)carbamate:  
**Use:** isopropyl (3-chloro-4-methoxyphenyl)= carbamate  
isopropyl (E,E)-(RS)-11-methoxy-3,7,11-trimethyldodeca-2,4-dienoate: **Use:** methoprene  
isopropyl 2-(4-methoxybiphenyl-3-yl)hydrazinofornate:  
**Use:** bifentazate  
isopropyl 2-chloro-5-(1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-trifluoromethylpyrimidin-1-yl)benzoate:  
**Use:** flupropacil  
isopropyl 2-methyl-1-[(1-p-tolyethyl)carbamoyl]-(S)-propylcarbamate: **Use:** iprovalicarb  
isopropyl 3,4-diethoxycarbamate: **Use:** diethofencarb  
isopropyl 3-(N-ethyl-N-phenylcarbamoyloxy)phenyl= carbamate: **Use:** phenisopham  
isopropyl 3-chlorocarbanilate: **Use:** chlorpropham  
isopropyl 3-[ethyl(phenyl)carbamoyloxy]carbanilate :  
**Use:** phenisopham  
isopropyl 4,4'-dibromobenzilate: **Use:** bromopropylate  
isopropyl 4,4'-dichlorobenzilate: **Use:** chlorpropylate  
isopropyl 5-(4-bromo-1-methyl-5-trifluoromethyl=pyrazol-3-yl)-2-chloro-4-fluorobenzoate:  
**Use:** fluazolate  
isopropyl carbanilate : **Use:** propham

isopropyl m-chlorocarbanilate: **Use:** chlorpropham  
isopropyl phenylcarbamate: **Use:** propham  
isopropylamine salt of imazapyr: **Use:** imazapyr 2-propanaminium salt (1:1)  
isoprothiolane: **Use:** isoprothiolane  
isoproturon: **Use:** isoproturon  
Isoran: **Use:** isoprothiolane  
Isosil: **Use:** isoproturon  
isosystox: **Use:** demeton-S  
isothiocyanatomethane: **Use:** methyl isothiocyanate  
isouron: **Use:** isouron  
isoxaben: **Use:** isoxaben  
isoxachlortole: **Use:** isoxachlortole  
isoxadifen: **Use:** isoxadifen  
isoxadifen-ethyl: **Use:** isoxadifen-ethyl  
isoxaflutole: **Use:** isoxaflutole  
isoxapyrifop: **Use:** isoxapyrifop  
isoxathion: **Use:** isoxathion  
Isoxyl: **Use:** isouron  
IT 3233: **Use:** flurecol n-butyl ester  
IT 3296: **Use:** pyridinitril  
IZAA: **Use:** ethychlozate

## J

jasmolin I : **Use:** jasmolin I  
jasmolin II : **Use:** jasmolin II  
Javelin: **Use:** Bacillus thuringiensis  
JC-940: **Use:** cumyluron  
jenamicin: **Use:** gentamicin sulfate  
jodfenphos: **Use:** jodfenphos  
Jupiter: **Use:** chlorfluazuron  
jute batching oil: **Use:** mineral oil

## K

K-195874: **Use:** cloransulam methyl ester  
K-9: **Use:** dioxabenzofos  
Kanemite: **Use:** acequinocyl  
Karate: **Use:** lambda-cyhalothrin  
Karathane: **Use:** dinocap  
Karmex: **Use:** diuron  
Karpfos: **Use:** isoxathion  
Karvon: **Use:** carvone  
kasugamycin: **Use:** kasugamycin  
Kasumin: **Use:** kasugamycin  
Kathon: **Use:** othilinone  
Kayabest: **Use:** methasulfocarb  
Kazoe: **Use:** sodium azide  
Kefil Super: **Use:** cypermethrin  
Kelthane: **Use:** dicofol  
Kemate: **Use:** anilazine  
Kenopel: **Use:** iminoctadine  
Kepone: **Use:** chlordecone  
Kerb: **Use:** pronamide  
ketoendrin, delta-: **Use:** endrin ketone  
KIF-3535: **Use:** mepanipyrim  
KIH-2023: **Use:** bispyribac-sodium  
KIH-2031: **Use:** pyriithiobac sodium salt  
KIH-6127: **Use:** pyriminobac-methyl  
KIH-9201: **Use:** fluthiacet-methyl

Kill-all: **Use:** sodium arsenite  
 Kilprop: **Use:** mecoprop  
 Kilval: **Use:** vamidothion  
 kinetin: **Use:** kinetin  
 Kitazin: **Use:** iprobenfos  
 Kloben: **Use:** neburon  
 Knack: **Use:** pyriproxyfen  
 KNF-317: **Use:** ipconazole  
 KNF-S-474: **Use:** metconazole  
 KNW-242: **Use:** triazofenamide  
 KNW-739: **Use:** flupoxam  
 Koban: **Use:** etridiazole  
 Koltar: **Use:** oxyfluorfen  
 Konesta: **Use:** TCA  
 Korax: **Use:** Korax  
 Korlan: **Use:** ronnel  
 kresoxim-methyl: **Use:** kresoxim-methyl  
 KT-30: **Use:** forchlorfenuron  
 KTU 3616: **Use:** carpropamid  
 Kusagard: **Use:** alloxym-dim-sodium  
 Kwarc: **Use:** diflufenican  
 KWG 4168: **Use:** spiroxamine

**L**

lactofen: **Use:** lactofen  
 lactofen metabolite: **Use:** acifluorfen  
 lactone 4-hydroxynonanoic acid, gamma-:  
**Use:** dihydro-5-pentyl-2(3H)-furanone  
 lactone 4-hydroxyundecanoic acid, gamma-:  
**Use:** dihydro-5-heptyl-2(3H)-furanone  
 lactone 4-hydroxyundecanoic acid, gamma- :  
**Use:** dihydro-5-heptyl-2(3H)-furanone  
 lambda-cyhalothrin: **Use:** lambda-cyhalothrin  
 lamda-cyhalothrin: **Use:** lambda-cyhalothrin  
 Lance: **Use:** cloethocarb  
 Landrin: **Use:** trimethacarb  
 Lanex: **Use:** fluometuron  
 Lannate: **Use:** methomyl  
 Lanray: **Use:** orbencarb  
 Lanstan: **Use:** Korax  
 Laptran: **Use:** ditalimfos  
 Larvadex: **Use:** cyromazine  
 Larvin: **Use:** thiodicarb  
 Laser: **Use:** cycloxydim  
 Laser: **Use:** spinosad  
 Lasso: **Use:** alachlor  
 lead arsenate: **Use:** lead arsenate  
 lead arsenate (1:1): **Use:** lead arsenate  
 Leguarne: **Use:** carbetamide  
 lenacil: **Use:** lenacil  
 Lenatop: **Use:** etofenprox  
 Lentagran: **Use:** pyridate  
 lepton: **Use:** leptophos  
 leptophos: **Use:** leptophos  
 Lesan: **Use:** fenaminosulf  
 Lethelmin: **Use:** phenothiazine  
 Lexol 300: **Use:** cloxifenolum  
 Lexone: **Use:** metribuzin  
 LGC-40863: **Use:** pyribenzoxim

lime sulfur: **Use:** sulfurated lime solution  
 lindane: **Use:** lindane  
 linuron: **Use:** linuron  
 Lironion: **Use:** difenoxuron  
 LM 2219: **Use:** difethialone  
 LM-637: **Use:** bromadiolone  
 Logic: **Use:** fenoxycarb  
 Logran: **Use:** triasulfuron  
 Lonacol: **Use:** zineb  
 Londax: **Use:** bensulfuron methyl ester  
 Lontrel: **Use:** clopyralid  
 Lorox: **Use:** linuron  
 Lorsban: **Use:** chlorpyrifos  
 LS 74-783: **Use:** fosetyl-Al  
 LS 840608: **Use:** furconazole-cis  
 LS 860263: **Use:** bromuconazole  
 lufenuron: **Use:** lufenuron  
 lugacin: **Use:** gentamicin sulfate  
 Lynx: **Use:** tebuconazole  
 lythidathion : **Use:** lythidathion

**M**

M 14360: **Use:** tetraconazole  
 M 3432: **Use:** tiocarbazil  
 M9834: **Use:** benalaxyl  
 Macbal: **Use:** XMC  
 Mach 2: **Use:** halofenozide  
 Machete: **Use:** butachlor  
 MAFA: **Use:** ammonium iron methylarsonate  
 magnesium arsenate: **Use:** magnesium arsenate  
 magnesium phosphide: **Use:** magnesium phosphide  
 Magtoxin: **Use:** magnesium phosphide  
 Maintain: **Use:** chlorflorecol methyl ester  
 Maki: **Use:** bromadiolone  
 malachite: **Use:** basic copper carbonate  
 Malaspray: **Use:** malathion  
 malathion: **Use:** malathion  
 maldison: **Use:** malathion  
 maleic hydrazide: **Use:** maleic hydrazide  
 Maloran: **Use:** chlorbromuron  
 manam: **Use:** manganese dimethyldithiocarbamate  
 mancozeb: **Use:** mancozeb  
 Manderol: **Use:** chlozolate  
 maneb: **Use:** maneb  
 maneb, zinc coordination product: **Use:** mancozeb  
 manganese dimethyldithiocarbamate: **Use:** manganese dimethyldithiocarbamate  
 manganese ethylenebis(dithiocarbamate) (polymeric):  
**Use:** maneb  
 manganese ethylenebis(dithiocarbamate) (polymeric) complex with zinc salt: **Use:** mancozeb  
 manganese zinc ethylenebis(dithiocarbamate): **Use:** mancozeb  
 manganous dimethyldithiocarbamate: **Use:** manganese dimethyldithiocarbamate  
 manganous ethylenebis(dithiocarbamate): **Use:** maneb  
 Manzate: **Use:** maneb  
 Manzate 200: **Use:** mancozeb  
 Maqbal: **Use:** XMC



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Marathon: **Use:** cycloate  
Marlate: **Use:** methoxychlor  
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Matacil: **Use:** aminocarb  
Matacor: **Use:** cyhalothrin  
Mataven: **Use:** flumprop-methyl  
Mavrik: **Use:** fluvalinate  
Maxforce: **Use:** hydramethylnon  
Maxim: **Use:** fludioxonil  
mazidox: **Use:** mazidox  
MB 46030: **Use:** fipronil  
MBC: **Use:** carbendazim  
MBR 12325: **Use:** mefluidide  
MBT: **Use:** mercaptobenzothiazole  
MCP: **Use:** MCPA  
MCPA: **Use:** MCPA  
MCPB: **Use:** MCPB  
MCPD: **Use:** mecoprop  
mecarbam: **Use:** mecarbam  
mecoprop: **Use:** mecoprop  
mefenacet: **Use:** mefenacet  
mefenoxam: **Use:** metalaxyl-M  
mefenpyr-diethyl: **Use:** mefenpyr-diethyl  
mefluidide: **Use:** mefluidide  
Meltatox: **Use:** dodemorph acetate  
MEMC: **Use:** MEMC  
mentha-6,8-dien-2-one, p-: **Use:** carvone  
Meobal: **Use:** xylylcarb  
mepanipyrim: **Use:** mepanipyrim  
Mepatar: **Use:** oxytetracycline hydrochloride  
Mephanac: **Use:** MCPA  
mephosfolan: **Use:** mephosfolan  
mepiquat chloride: **Use:** mepiquat chloride  
Mepro: **Use:** mecoprop  
mepronil: **Use:** mepronil  
mercaptobenzothiazole: **Use:** mercaptobenzothiazole  
mercaptodimethur: **Use:** methiocarb  
mercaptofos: **Use:** demeton  
mercaptophos: **Use:** fenthion  
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merdafos: **Use:** sulprofos  
Merit: **Use:** imidacloprid  
Merphan: **Use:** captan  
merphos: **Use:** merphos  
Mesoranil: **Use:** aziprotryn  
mesosulfuron-methyl (prop): **Use:** mesosulfuron-methyl  
mesotrione: **Use:** mesotrione  
Mesurol: **Use:** methiocarb  
metacetaldehyde: **Use:** metaldehyde  
Metacide: **Use:** parathion-methyl  
metacrefos: **Use:** butamifos  
metalaxyl: **Use:** metalaxyl  
metalaxyl, (R)-: **Use:** metalaxyl-M  
metalaxyl-M: **Use:** metalaxyl-M  
metaldehyde: **Use:** metaldehyde  
metam-sodium: **Use:** metam-sodium  
metamitron: **Use:** metamitron  
metaphos: **Use:** parathion-methyl  
Metason: **Use:** metaldehyde  
Metasystox (I): **Use:** metasystox thiol  
metasystox thiol: **Use:** metasystox thiol  
metasystox thiono: **Use:** metasystox thiono  
Metasystox-R: **Use:** oxydemeton-methyl  
Metasystox-S: **Use:** oxydeprofos  
Metaxon: **Use:** MCPA  
metazachlor: **Use:** metazachlor  
metconazole: **Use:** metconazole  
methabenzthiazuron: **Use:** methabenzthiazuron  
methacrifos: **Use:** methacrifos  
methafluoridamid: **Use:** mefluidide  
metham-sodium: **Use:** metam-sodium  
methamidophos: **Use:** methamidophos  
methanal: **Use:** formaldehyde  
methanearsonic acid: **Use:** methanearsonic acid  
Methar: **Use:** DSMA  
methasulfocarb : **Use:** methasulfocarb  
methazole: **Use:** methazole  
methfuroxam: **Use:** methfuroxam  
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methidathion: **Use:** methidathion  
methiocarb: **Use:** methiocarb  
methiocarb : **Use:** methiocarb  
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methomyl: **Use:** methomyl  
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methoprotryn: **Use:** methoprotryne  
methoprotryne: **Use:** methoprotryne  
Methoxone: **Use:** MCPA  
methoxychlor: **Use:** methoxychlor  
methoxychlor impurity: **Use:** 1-methoxy-4-(1,2,2,2-tetrachloroethyl)benzene  
methoxychlor metabolite: **Use:** 1,1'-(2,2-dichloroethylidene)bis(4-methoxybenzene)  
methoxychlor olefin: **Use:** methoxychlor olefin  
methoxyfenozide: **Use:** methoxyfenozide  
methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)-(2,5-dioxo-3-(2-propynyl)-1-imidazolidinyl)cyclopropanecarboxylate: **Use:** imiprothrin  
methyl ((2-chloro-4-fluoro-5-((tetrahydro-3-oxo-1H,3H-[1,3,4]thiadiazolo[3,4-a]pyridazin-1-ylidene)amino)phenyl)thio)acetate: **Use:** fluthiacet-methyl  
methyl ((4-aminophenyl)sulfonyl)carbamate: **Use:** asulam  
methyl (1-((butylamino)carbonyl)-1H-benzimidazol-2-yl)carbamate: **Use:** benomyl  
methyl (a)-2-[[[6-(2-cyanophenoxy)-4-pyrimidinyl]oxy]-a-(methoxymethylene)benzeneacetate: **Use:** azoxystrobin  
methyl (αE)-(methoxymethylene)-2-[[[6-(trifluoromethyl)-2-pyridinyl]oxy]methyl]=benzeneacetate: **Use:** picoxystrobin  
methyl (αE)-α-(methoxyimino)-2-(((1-(3-(trifluoromethyl)phenyl)ethenyl)amino)oxy)methyl)-benzeneacetate: **Use:** trifloxystrobin  
methyl (E)-2-(2-(6-(2-cyanophenoxy)pyrimidin-4-yloxy)phenyl)-3-methoxyacrylate: **Use:** azoxystrobin E-isomer



- methyl (E)-2-methoxyimino-2-(2-(o-tolyloxymethyl)phenyl)acetate: **Use:** kresoxim-methyl
- methyl (E)-3-(dimethoxyphosphinothioxyloxy)-2-methylacrylate: **Use:** methacrifos
- methyl (E)-3-methoxy-2-[2-(6-trifluoromethyl-2-pyridyloxymethyl)phenyl]acrylate: **Use:** picoxystrobin
- methyl (E)-methoxyimino-[(E)- $\alpha$ -[1-( $\alpha,\alpha,\alpha$ -trifluoro-m-tolyl)ethylideneaminoxy]-o-tolyl]acetate: **Use:** trifloxystrobin
- methyl (E)-methoxyimino[ $\alpha$ -(o-tolyloxy)-o-tolyl]acetate: **Use:** kresoxim-methyl
- methyl (R)-7-chloro-2,3,4a,5-tetrahydro-2-[methoxycarbonyl(4-trifluoromethoxyphenyl)=carbamoyl]indeno[1,2-e][1,3,4]oxadiazine-4a(3H)-carboxylate: **Use:** indoxacarb, (R)-
- methyl (S)-7-chloro-2,3,4a,5-tetrahydro-2-[methoxycarbonyl(4-trifluoromethoxyphenyl)=carbamoyl]indeno[1,2-e][1,3,4]oxadiazine-4a(3H)-carboxylate: **Use:** indoxacarb
- methyl (Z)-2-(2-(6-(2-cyanophenoxy)pyrimidin-4-yloxy)phenyl)-3-methoxyacrylate: **Use:** azoxystrobin Z-isomer
- methyl ( $\pm$ )-2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-(4and 5)-methylbenzoate (3:2): **Use:** imazamethabenz methyl ester
- methyl ( $\pm$ )-2-chloro-3-(4-chlorophenyl) propionate: **Use:** chlorfenprop-methyl
- methyl 1-(butylcarbamoyl)benzimidazol-2-ylcarbamate: **Use:** benomyl
- methyl 1H-benzimidazol-2-ylcarbamate: **Use:** carbendazim
- methyl 2-((((4,6-dimethoxy-2-pyrimidinyl)amino)=carbonyl)amino)sulfonyl)methylbenzoate: **Use:** bensulfuron methyl ester
- methyl 2-((((4,6-bis(difluoromethoxy)-2-pyrimidinyl)=amino)carbonyl)amino)sulfonyl)benzoate: **Use:** primisulfuron-methyl
- methyl 2-((((4,6-dimethyl-2-pyrimidinyl)=amino)carbonyl)amino)sulfonyl)benzoate: **Use:** sulfometuron methyl ester
- methyl 2-((((4-(dimethylamino)-6-(2,2,2-trifluoroethoxy)-1,3,5-triazin-2-yl)amino)=carbonyl)amino)sulfonyl-3-methylbenzoate: **Use:** triflusulfuron methyl ester
- methyl 2-((((4-ethoxy-6-(methylamino)-1,3,5-triazin-2-yl)amino)carbonyl)amino)sulfonyl)benzoate: **Use:** ethametsulfuron methyl ester
- methyl 2-((((4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino)carbonyl)amino)sulfonyl)benzoate: **Use:** metsulfuron methyl ester
- methyl 2-((((4-methoxy-6-methyl-1,3,5-triazin-2-yl)methyl)amino)carbonyl)amino)sulfonyl) benzoate: **Use:** tribenuron methyl ester
- methyl 2-((4,6-dimethoxy-2-pyrimidinyl)oxy)-6-(1-(methoxyimino)ethyl)benzoate: **Use:** pyriminobac-methyl
- methyl 2-((6-(2-cyanophenoxy)-4-pyrimidinyl)oxy)- $\alpha$ -(methoxymethylene)benzeneacetate, (E)-: **Use:** azoxystrobin E-isomer
- methyl 2-(4,6-dimethoxypyrimidin-2-yloxy)-6-(1-methoxyiminoethyl)benzoate: **Use:** pyriminobac-methyl
- methyl 2-(4,6-dimethylpyrimidin-2-ylcarbamoyl=sulfamoyl)benzoate: **Use:** sulfometuron methyl ester
- methyl 2-(4-((3-chloro-5-(trifluoromethyl)-2-pyridinyl)oxy)phenoxy)propanoate : **Use:** haloxyfop methyl ester
- methyl 2-(4-(2,4-dichlorophenoxy)phenoxy)propanoate: **Use:** diclofop-methyl
- methyl 2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-p-toluate and methyl ( $\pm$ )-6-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-m-toluate: **Use:** imazamethabenz methyl ester
- methyl 2-(4-methoxy-6-methyl-1,3,5-triazin-2-ylcarbamoylsulfamoyl)benzoate: **Use:** metsulfuron methyl ester
- methyl 2-(difluoromethyl)-5-(4,5-dihydro-2-thiazolyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-3-pyridinecarboxylate: **Use:** thiazopyr
- methyl 2-(dimethylamino)-N-(((methylamino)=carbonyl)oxy)-2-oxoethanimidothioate: **Use:** oxamyl
- methyl 2-chloro-9-hydroxy-9H-fluorene-9-carboxylate: **Use:** chlorflurecol methyl ester
- methyl 2-difluoromethyl-5-(4,5-dihydro-1,3-thiazol-2-yl)-4-isobutyl-6-trifluoromethylnicotinate: **Use:** thiazopyr
- methyl 2-[(4-ethoxy-6-methylamino-1,3,5-triazin-2-yl)carbamoylsulfamoyl]benzoate: **Use:** ethametsulfuron methyl ester
- methyl 2-[3-(4,6-dimethylpyrimidin-2-yl)ureido=sulfonyl]benzoate: **Use:** sulfometuron methyl ester
- methyl 2-[4,6-bis(difluoromethoxy)pyrimidin-2-ylcarbamoylsulfamoyl]benzoate: **Use:** primisulfuron-methyl
- methyl 2-[4-dimethylamino-6-(2,2,2-trifluoroethoxy)-1,3,5-triazin-2-ylcarbamoylsulfamoyl]-m-toluic acid: **Use:** triflusulfuron methyl ester
- methyl 2-[4-methoxy-6-methyl-1,3,5-triazin-2-yl(methyl)carbamoylsulfamoyl]benzoate: **Use:** tribenuron methyl ester
- methyl 2-[[[(4,5-dihydro-4-methyl-5-oxo-3-propoxy-1H-1,2,4-triazol-1-yl)carbonyl]amino]sulfonyl]benzoate, sodium salt: **Use:** propoxycarbazone-sodium
- methyl 2-[2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]phenyl]-3-methoxyacrylate: **Use:** azoxystrobin
- methyl 2[[[(4,6-dimethoxy-2-pyrimidinyl)amino]=carbonyl]amino]sulfonyl]-4-[[methylsulfonyl]=amino]methylbenzoate: **Use:** mesosulfuron-methyl
- methyl 3-((((4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino)carbonyl)amino)sulfonyl)-2-thiophene=carboxylate: **Use:** thifensulfuron methyl ester
- methyl 3-((dimethoxyphosphinothioyl)oxy)-2-methyl-2-propenoate: **Use:** methacrifos
- methyl 3-((dimethoxyphosphinyl)oxy)-2-butenolate: **Use:** mevinphos
- methyl 3-((dimethoxyphosphinyl)oxy)-2-butenolate, (E)-: **Use:** mevinphos, (E)-
- methyl 3-((dimethoxyphosphinyl)oxy)-2-butenolate, (Z)-: **Use:** mevinphos, (Z)-
- methyl 3-(3-methylcarbaniloxy)carbanilate : **Use:** phenmedipham
- methyl 3-(4-methoxy-6-methyl-1,3,5-triazin-2-ylcarbamoylsulfamoyl)thiophene-2-carboxylate: **Use:** thifensulfuron methyl ester
- methyl 3-(dimethoxyphosphinoxy)but-2-enoate: **Use:** mevinphos
- methyl 3-(dimethoxyphosphinoxy)but-2-enoate, (E)-: **Use:** mevinphos, (E)-
- methyl 3-(dimethoxyphosphinoxy)but-2-enoate, (Z)-: **Use:** mevinphos, (Z)-

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- methyl 3-chloro-2-(((5-ethoxy-7-fluoro[1, 2, 4]triazolo[1, 5-c]pyrimidin-2-yl)sulfonyl)amino)benzoate: **Use:** cloransulam methyl ester
- methyl 3-chloro-5-(((4,6-dimethoxy-2-pyrimidinyl)amino)carbonyl)amino)sulfonyl-1-methyl-1H-pyrazole-4-carboxylate: **Use:** halosulfuron-methyl
- methyl 3-chloro-5-(4,6-dimethoxypyrimidin-2-ylcarbamoysulfamoyl)-1-methylpyrazole-4-carboxylate: **Use:** halosulfuron-methyl
- methyl 3-hydroxycrotonate dimethyl phosphate: **Use:** mevinphos
- methyl 3-((dimethoxyphosphinyl)oxy)butenoate, alpha isomer: **Use:** mevinphos, (E)-
- methyl 3-((dimethoxyphosphinyl)oxy)butenoate, beta isomer: **Use:** mevinphos, (Z)-
- methyl 4-(2-furfurylideneaminophenyl)-3-thioallophanate: **Use:** furophanate
- methyl 4-iodo-2-(((4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino)carbonyl)amino)sulfonyl)benzoate monosodium salt: **Use:** iodosulfuron-methyl-sodium
- methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate: **Use:** bifenox
- methyl 5-((4,6-dimethoxy-2-pyrimidinyl)amino)=carbonylamino)sulfonyl-3-chloro-1-methyl-1H-pyrazole-4-carboxylate: **Use:** halosulfuron-methyl
- methyl 7-chloro-2,3,4a,5-tetrahydro-2-[methoxycarbonyl(4-trifluoromethoxyphenyl)=carbamoyl]indeno[1,2-e][1,3,4]oxadiazine-4a-carboxylate: **Use:** DPX-MP062
- methyl 7-chloro-2,5-dihydro-2-(((methoxycarbonyl)(4-(trifluoromethoxy)phenyl)amino)carbonyl)-indeno(1,2,-e)(1,3,4)oxadiazine-4a(3H)-carboxylate, (R,S)-: **Use:** DPX-MP062
- methyl 7-chloro-2,5-dihydro-2-(((methoxycarbonyl)(4-(trifluoromethoxy)phenyl)amino)carbonyl)-indeno(1,2,-e)(1,3,4)oxadiazine-4a(3H)-carboxylate: **Use:** DPX-MP062
- methyl 7-chloro-2,5-dihydro-2-(((methoxycarbonyl)(4-(trifluoromethoxy)phenyl)amino)carbonyl)indeno(1,2-e)(1,3,4)oxadiazine-4a(3H)-carboxylate, (S)-: **Use:** indoxacarb
- methyl 7-chloro-2,5-dihydro-2-(((methoxycarbonyl) [4-(trifluoromethoxy)phenyl]amino)carbonyl)indeno [1,2-e] [1,3,4] oxadiazine-4a(3H)-carboxylate, (R)-: **Use:** indoxacarb, (R)-
- methyl  $\alpha$ , 4-dichlorobenzenepropanoate: **Use:** chlorfenprop-methyl
- methyl  $\alpha$ -(methoxyimino)-2-((2-methylphenoxy)=methyl)benzeneacetate, (E)-: **Use:** kresoxim-methyl
- methyl benzimidazol-2-ylcarbamate: **Use:** carbendazim
- methyl bromide: **Use:** methyl bromide
- methyl carbamic acid ester with 7-hydroxy-2,2-dimethyl-3(2H)-benzofuranone: **Use:** 3-ketocarbocofuran
- methyl chlorophenoxy acetic acid: **Use:** MCPA
- methyl formate: **Use:** methyl formate
- methyl isothiocyanate: **Use:** methyl isothiocyanate
- methyl m-hydroxycarbanilate m-methylcarbanilate: **Use:** phenmedipham
- methyl methanoate: **Use:** methyl formate
- methyl N-((methylamino)carbonyl)oxy)=ethanimidothioate: **Use:** methomyl
- methyl N-(2,6-dimethylphenyl)-N-(2-furanylcabonyl)-DL-alaninate: **Use:** furalaxyl
- methyl N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-D-alaninate: **Use:** metalaxyl-M
- methyl N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-DL-alanine: **Use:** metalaxyl
- methyl N-(2,6-dimethylphenyl)-N-(phenylacetyl)-DL-alanine: **Use:** benalaxyl
- methyl N-2-furoyl-N-2,6-xylyl-DL-alaninate: **Use:** furalaxyl
- methyl N-benzoyl-N-(3-chloro-4-fluorophenyl)-D-alanine: **Use:** flamprop-M-methyl
- methyl N-benzoyl-N-(3-chloro-4-fluorophenyl)-DL-alanine: **Use:** flamprop-methyl
- methyl N-cyclohexyl-2,5-dimethyl-3-furohydroxamate : **Use:** furmecyclox
- methyl N-cyclohexyl-2,5-dimethylfuran-3-carbohydroxamate: **Use:** furmecyclox
- methyl N-methoxyacetyl-N-2,6-xylyl-D-alaninate: **Use:** metalaxyl-M
- methyl N-methoxyacetyl-N-2,6-xylyl-DL-alaninate: **Use:** metalaxyl
- methyl N-phenylacetyl-N-2,6-xylyl-DL-alaninate: **Use:** benalaxyl
- methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl}(N-methoxy)carbamate: **Use:** pyraclostrobin
- methyl namate: **Use:** sodium dimethyldithiocarbamate
- methyl parathion: **Use:** parathion-methyl
- methyl pentachlorophenate: **Use:** pentachlorophenyl methyl ether
- methyl pentachlorophenyl sulfide: **Use:** pentachlorophenyl methyl sulfide
- methyl sulfanilylcarbamate: **Use:** asulam
- methyl [2-chloro-4-fluoro-5-(5,6,7,8-tetrahydro-3-oxo-1H,3H-[1,3,4]thiadiazolo[3,4-a]pyridazin-1-ylideneamino)phenylthio]acetate: **Use:** fluthiacet-methyl
- methyl [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxycarbamate: **Use:** pyraclostrobin
- methyl [[[2-[(furanylmethylene)amino]phenyl]=amino]thioxomethyl]carbamate: **Use:** furophanate
- methyl-2-((6-(2-cyanophenoxy)-4-pyrimidinyl)oxy)- $\alpha$ -(methoxymethylene)benzeneacetate, (Z)-: **Use:** azoxystrobin Z-isomer
- methyl-N-(((1-(4-chlorophenyl)pyrazol-3-yl)oxy)-o-tolyl)N-methoxycarbamate: **Use:** pyraclostrobin
- methylarsonic acid: **Use:** methanearsonic acid
- methylbenzenearsonic acid, p-: **Use:** (4-methylphenyl) arsonic acid
- methylbenzimidazole-2-ylcarbamate: **Use:** carbendazim
- methyl dymron: **Use:** methyl dymron
- methylmercaptophos oxide: **Use:** oxydemeton-methyl
- methyl oxirane: **Use:** propylene oxide
- metiram: **Use:** metiram
- metmercapturon: **Use:** methiocarb
- metobenzuron: **Use:** metobenzuron
- metobromuron: **Use:** metobromuron
- metolachlor: **Use:** metolachlor
- metolcarb: **Use:** metolcarb
- metominostrobin: **Use:** metominostrobin
- metosulam: **Use:** metosulam
- metoxadiazone: **Use:** metoxadiazone
- metoxuron: **Use:** metoxuron

- metribuzin: **Use:** metribuzin
- metribuzin, deaminated diketo metabolite: **Use:** metribuzin, deaminated diketo metabolite
- metribuzin, deaminated metabolite: **Use:** metribuzin, deaminated metabolite
- metribuzin, diketo metabolite: **Use:** metribuzin, diketo metabolite
- metrifonate: **Use:** trichlorfon
- metriphionate: **Use:** trichlorfon
- Metron: **Use:** parathion-methyl
- metsulfovax: **Use:** metsulfovax
- metsulfuron methyl: **Use:** metsulfuron methyl ester
- metsulfuron methyl ester: **Use:** metsulfuron methyl ester
- metsulfuron-methyl: **Use:** metsulfuron methyl ester
- mevinphos: **Use:** mevinphos
- mevinphos, (E)-: **Use:** mevinphos, (E)-
- mevinphos, (Z)-: **Use:** mevinphos, (Z)-
- mevinphos, cis-: **Use:** mevinphos, (E)-
- mevinphos, trans-: **Use:** mevinphos, (Z)-
- mezineb: **Use:** propineb
- MGK 264: **Use:** MGK 264
- MGK 326: **Use:** dipropyl isocinchomeronate
- MGK R-326: **Use:** dipropyl isocinchomeronate
- MGK repellent-326: **Use:** dipropyl isocinchomeronate
- MH-30: **Use:** maleic hydrazide
- Microban: **Use:** cloxifenolium
- Microbicide M-8: **Use:** octhilionone
- Micromite: **Use:** triarathene
- Mikado: **Use:** sulcotrione
- Mil-Col: **Use:** drazoxolon
- mil-du-rid: **Use:** sodium o-phenylphenate
- Milban: **Use:** dodemorph acetate
- milbemectin A3: **Use:** milbemectin A3
- milbemectin A4: **Use:** milbemectin A4
- Milcurb: **Use:** dimethirimol
- Milcurb Super: **Use:** ethirimol
- Milestone: **Use:** azafenidin
- milfuram: **Use:** ofurace
- Milgo: **Use:** ethirimol
- milneb: **Use:** milneb
- Milogard: **Use:** propazine
- Milstem: **Use:** ethirimol
- mineral oil: **Use:** mineral oil
- Miothrin: **Use:** fenpropathrin
- MIPC: **Use:** isoprocarb
- Mipcin: **Use:** isoprocarb
- Miraculan: **Use:** triacontanol
- Miral: **Use:** isazofos
- mirex: **Use:** mirex
- Mistral: **Use:** fenpropimorph
- Mitac: **Use:** amitraz
- MITC: **Use:** methyl isothiocyanate
- mitotane: **Use:** TDE, o,p'-
- Mitox: **Use:** chlorbenside
- Mitrazon: **Use:** benzoximate
- mixture of 2-chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methylethyl)acetamide, (S)- (80-100%) and (R)- (20-0%): **Use:** S-metolachlor
- mixture of 2-chloro-N-(6-ethyl-o-tolyl)-N-(2-methoxy-1-methylethyl)acetamide, (aRS,1S)- (80-100%) and (aRS,1R)- (20-0%): **Use:** S-metolachlor
- mixture of Avermectin B1a and Avermectin B1b: **Use:** abamectin
- MK-239: **Use:** tebufenpyrad
- MK-243: **Use:** indanofan
- MK-244: **Use:** emamectin benzoate (salt)
- MKH-6561: **Use:** propoxycarbazone-sodium (prop)
- MO: **Use:** chlornitrofen
- Mocap: **Use:** ethoprop
- Moddus: **Use:** trinexapac-ethyl
- Modown: **Use:** bifenox
- Mogeton: **Use:** quinochloramine
- molinate: **Use:** molinate
- Molinex: **Use:** molinate
- MON 15100: **Use:** dithiopyr
- MON 21200: **Use:** clofencet potassium salt
- MON 21201: **Use:** clofencet
- MON 24000: **Use:** thifluzamide
- MON 37500: **Use:** sulfosulfuron
- MON 4606: **Use:** flurazole
- MON 48500: **Use:** fluazolate
- MON 7200: **Use:** dithiopyr
- MON-097: **Use:** acetochlor
- MON-12000: **Use:** halosulfuron-methyl
- MON-13200: **Use:** thiazopyr
- MON-13900: **Use:** furilazole
- MON-18500: **Use:** flupoxam
- MON-4660: **Use:** 4-(dichloroacetyl)-1-oxa-4-azaspiro[4.5]decane
- Monceren: **Use:** pencycuron
- Moncut: **Use:** flutolanil
- Mondaris: **Use:** pyrazoxyfen
- Monguard: **Use:** diclomezine
- Monitor: **Use:** methamidophos
- monoammonium 2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-methyl-3-pyridinecarboxylate, (+): **Use:** imazapic ammonium salt
- monoammonium 2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-ethyl-3-pyridinecarboxylate: **Use:** imazethapyr ammonium salt
- monoammonium 2-amino-4-(hydroxymethyl)phosphinylbutanoate: **Use:** glufosinate ammonium salt (1:1)
- monoammonium sulfamate: **Use:** ammonium sulphamate
- monocrotophos: **Use:** monocrotophos
- monolinuron: **Use:** monolinuron
- monometflurazon: **Use:** norflurazon
- monosodium acid methanearsonate: **Use:** MSMA
- monosodium arsenate: **Use:** monosodium arsenate
- monosodium methylarsonate: **Use:** MSMA
- monosodium salt of methanearsonic acid: **Use:** MSMA
- Monurex: **Use:** monuron
- monuron: **Use:** monuron
- Morestan: **Use:** oxythioquinox
- morfamquat : **Use:** morfamquat
- Morocide: **Use:** binapacryl



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MPBA: **Use:** 3-phenoxybenzenemethanol  
MPCPS: **Use:** pentachlorophenyl methyl sulfide  
MPMC: **Use:** xylylcarb  
Mr. Joker: **Use:** silafluofen  
MSMA: **Use:** MSMA  
MT-124: **Use:** furyloxyfen  
MTF-651: **Use:** flusulfamide  
MTI 500: **Use:** etofenprox  
MTI-446: **Use:** dinotefuran  
MTI-732: **Use:** halfenprox  
MTMC: **Use:** metolcarb  
Multamat: **Use:** bendiocarb  
Multiprop: **Use:** chlorflurecol methyl ester  
Murfotox: **Use:** mecarbam  
Muscatox: **Use:** coumaphos  
Mustang: **Use:** cypermethrin, zeta-  
Muster: **Use:** ethametsulfuron methyl ester  
MY-100: **Use:** oxaziclomefone  
myclobutanil: **Use:** myclobutanil  
myclozolin: **Use:** myclozolin

### N

N'-(2,4-dimethylphenyl)-N-(((2,4-dimethylphenyl)=  
imino)methyl)-N-methylmethanimidamide:  
**Use:** amitraz  
N'-(3,4-dichlorophenyl)-N,N-dimethylurea: **Use:** diuron  
N'-(3,4-dichlorophenyl)-N-methoxy-N-methylurea:  
**Use:** linuron  
N'-(3-chloro-4-(5-(1,1-dimethylethyl)-2-oxo-1,3,4-  
oxadiazol-3(2H)-yl)phenyl)-N,N-dimethylurea:  
**Use:** dimefuron  
N'-(3-chloro-4-methoxyphenyl)-N,N-dimethylurea:  
**Use:** metoxuron  
N'-(3-chloro-4-methylphenyl)-N,N-dimethylurea:  
**Use:** chlorotoluron  
N'-(4-((3,4-dihydro-2-methoxy-2,4,4-trimethyl-2H-1-  
benzopyran-7-yl)oxy)phenyl)-N-methoxy-N-  
methylurea, (±): **Use:** metobenzuron  
N'-(4-(4-chlorophenoxy)phenyl)-N,N-dimethylurea:  
**Use:** chloroxuron  
N'-(4-(4-methoxyphenoxy)phenyl)-N,N-dimethylurea:  
**Use:** difenoxuron  
N'-(4-bromo-3-chlorophenyl)-N-methoxy-N'-  
methylurea: **Use:** chlorbromuron  
N'-(4-bromophenyl)-N,N-dimethylurea: **Use:** bromuron  
N'-(4-bromophenyl)-N-methoxy-N-methylurea:  
**Use:** metabromuron  
N'-(4-chloro-2-methylphenyl)-N,N-dimethylmethan=  
imidamide: **Use:** chlordimeform  
N'-(4-chloro-o-tolyl)-N,N-dimethylformamide:  
**Use:** chlordimeform  
N'-(4-chlorophenyl)-N,N-dimethylurea: **Use:** monuron  
N'-(4-chlorophenyl)-N-methoxy-N-methylurea:  
**Use:** monolinuron  
N'-(5-(1,1-dimethylethyl)-3-isoxazolyl)-N,N-  
dimethylurea: **Use:** isouron  
N'-cyclooctyl-N,N-dimethylurea: **Use:** cycluron  
N,N''-(iminodi-8,1-octanediy)l)bisguanidine:  
**Use:** iminocladine  
N,N',N''-trichloroisocyanuric acid:  
**Use:** trichloroisocyanuric acid

N,N'-(1,4-piperazinediylbis(2,2,2-trichloroethylidene))=  
bis(formamide): **Use:** triforine  
N,N'-bis(1-methylethyl)-6-methylthio-1,3,5-triazine-  
2,4-diamine: **Use:** prometryn  
N,N'-diethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine:  
**Use:** simetryn  
N,N'-(piperazine-1,4-diylbis((trichloromethyl)=  
methylene)diformamide): **Use:** triforine  
N,N-bis(phosphonomethyl)glycine: **Use:** glyphosine  
N,N-diallyl dichloroacetamide: **Use:** dichlormid  
N,N-diallyl-2,2-dichloroacetamide: **Use:** dichlormid  
N,N-diallyl-2-chloroacetamide: **Use:** allidochlor  
N,N-diethyl-2-(1-naphthalenyloxy)propanamide:  
**Use:** napropamide  
N,N-diethyl-2-(1-naphthalenyloxy)propionamide:  
**Use:** napropamide  
N,N-diethyl-2-(1-naphthyloxy)propionamide, (RS)-:  
**Use:** napropamide  
N,N-diethyl-2-(4-methylbenzyloxy)ethylamine  
hydrochloride: **Use:** PT 807 HCl  
N,N-diethyl-3-((2,4,6-trimethylphenyl)sulfonyl)-1H-  
1,2,4-triazole-1-carboxamide: **Use:** cafenstrole  
N,N-diethyl-3-mesitylsulfonyl-1H-1,2,4-triazole-1-  
carboxamide: **Use:** cafenstrole  
N,N-dimethyl-1,2,3-trithian-5-amine ethanedioate  
(1:1): **Use:** thiocyclam-hydrogen oxalate  
N,N-dimethyl-2-methylcarbamoxyloxyimino-2-  
(methylthio)acetamide: **Use:** oxamyl  
N,N-dimethyl-alpha-phenylbenzeneacetamide:  
**Use:** diphenamid  
N,N-dimethyl-N'-(3-(((methylamino)carbonyl)oxy)=  
phenyl)methanimidamide monohydrochloride:  
**Use:** formetanate hydrochloride  
N,N-dimethyl-N'-(3-(trifluoromethyl)phenyl)urea:  
**Use:** fluometuron  
N,N-dimethyl-N'-(4-(1-methylethyl)phenyl)urea:  
**Use:** isoproturon  
N,N-dimethyl-N'-(octahydro-4,7-methano-1H-inden-5-  
yl)urea, (3a A, 4 A, 5 A, 7 A, 7a A)-: **Use:** norea  
N,N-dimethyl-N'-phenylurea: **Use:** fenuron  
N,N-dimethyldiphenylacetamide: **Use:** diphenamid  
N,N-dimethylpiperidinium chloride: **Use:** mepiquat  
chloride  
N-((((4,6-dimethoxy-2-pyrimidinyl)amino)carbonyl)=  
amino)sulfonyl)-N-methylmethanesulfonamide:  
**Use:** amidosulfuron  
N-(((2,5-dichloro-4-(1,1,2,3,3,3-hexafluoropropoxy)=  
phenyl)amino)carbonyl)-(2,6-difluorobenzamide):  
**Use:** lufenuron  
N-(((2-(cyclopropylcarbonyl)phenyl)amino)sulfonyl)-N'-  
(4,6-dimethoxy-2-pyrimidinyl)urea:  
**Use:** cyclosulfamuron  
N-(((3,5-dichloro-2,4-difluorophenyl)amino)carbonyl)-  
2,6-difluorobenzamide: **Use:** teflubenzuron  
N-(((3,5-dichloro-4-((3-chloro-5-(trifluoromethyl)-2-  
pyridinyl)oxy)phenyl)amino)carbonyl)-2,6-  
difluorobenzamide: **Use:** chlorfluazuron  
N-(((3,5-dichloro-4-(1,1,2,2-tetrafluoroethoxy)=  
phenyl)amino)carbonyl)-2,6-difluorobenzamide:  
**Use:** hexaflumuron  
N-(((3-chloro-4-(1,1,2-trifluoro-2-(trifluoromethoxy)=  
ethoxy)phenyl)amino)carbonyl)-2,6-  
difluorobenzamide: **Use:** novaluron

- N-(((4,6-dimethoxy-1,3,5-triazin-2-yl)amino)carbonyl)-2-(2-methoxyethoxy)benzenesulfonamide:  
**Use:** cinosulfuron
- N-(((4,6-dimethoxy-2-pyrimidinyl)amino)carbonyl)-1-methyl-4-(2-methyl-2H-tetrazol-5-yl)-1H-pyrazole-5-sulfonamide: **Use:** azimsulfuron
- N-(((4,6-dimethoxy-2-pyrimidinyl)amino)carbonyl)-2-(ethylsulfonyl)imidazo(1,2-a)pyridine-3-sulfonamide:  
**Use:** sulfosulfuron
- N-(((4,6-dimethoxy-2-pyrimidinyl)amino)carbonyl)-3-(ethylsulfonyl)-2-pyridinesulfonamide:  
**Use:** rimsulfuron
- N-(((4,6-dimethoxy-2-pyrimidinyl)amino)carbonyl)-3-(trifluoromethyl)-2-pyridinesulfonamide:  
**Use:** flzasulfuron
- N-(((4-(((4-chlorophenyl)cyclopropylmethylene)=amino)oxy)methyl)phenyl)amino)carbonyl)-2,6-difluorobenzamide: **Use:** flucycloxuron
- N-(((4-(2-chloro-4-(trifluoromethyl)phenoxy)-2-fluorophenyl)amino)carbonyl)-2,6-difluorobenzamide: **Use:** flufenoxuron
- N-(((4-chloro-3-((3-chloro-5-(trifluoromethyl)-2-pyridinyl)oxy)phenyl)amino)carbonyl)-2,6-difluorobenzamide: **Use:** fluazuron
- N-(((4-chlorophenyl)amino)carbonyl)-2,6-difluorobenzamide: **Use:** diflubenzuron
- N-(((4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino)carbonyl)-2-(3,3,3-trifluoropropyl)benzenesulfonamide:  
**Use:** prosulfuron
- N-((2-chloro-5-thiazolyl)methyl)-N'-methyl-N''-nitroguanidine, (E)-: **Use:** clothianidin
- N-((2-chloro-5-thiazolyl)methyl)-N'-methyl-N'-nitroguanidine: **Use:** clothianidin
- N-((2-chlorophenyl)methyl)-N'-(1-methyl-1-phenylethyl)urea: **Use:** cumyluron
- N-((4-chlorophenyl)methyl)-N-cyclopentyl-N'-phenylurea: **Use:** pencycuron
- N-((6-chloro-3-pyridinyl)methyl)-N'-cyano-N-methyl-ethanimidamide: **Use:** acetamiprid
- N-((6-chloro-3-pyridinyl)methyl)-N-ethyl-N'-methyl-2-nitro-1,1-ethenediamine: **Use:** nitenpyram
- N-((6-chloro-3-pyridyl)methyl)-N'-cyano-N-methylacetamide, (E)-: **Use:** acetamiprid
- N-(1,1,2,2-tetrachloroethylthio)cyclohex-4-ene-1,2-dicarboximide: **Use:** captafol
- N-(1,1-dimethylethyl)-N'-ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine: **Use:** terbutryn
- N-(1,1-dimethylethyl)-N'-ethyl-6-methoxy-1,3,5-triazine-2,4-diamine: **Use:** terbumeton
- N-(1,2-dimethylpropyl)-N'-ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine: **Use:** dimethametryn
- N-(1-butoxy-2,2,2-trichloroethyl)-2-hydroxybenzamide:  
**Use:** trichlamide
- N-(1-butoxy-2,2,2-trichloroethyl)salicylamide, (RS)-:  
**Use:** trichlamide
- N-(1-ethyl-1H-pyrazol-5-yl)-N'-phenylurea:  
**Use:** azoluron
- N-(1-ethylpropyl)-2,6-dinitro-3,4-xylidine:  
**Use:** pendimethalin
- N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine: **Use:** pendimethalin
- N-(2,2,2-trichloro-1-(4-morpholinyl)ethyl)formamide:  
**Use:** trimorphamide
- N-(2,3-dichloro-4-hydroxyphenyl)-1-methylcyclohexanecarboxamide: **Use:** fenhexamid
- N-(2,3-dichlorophenyl)-4-(ethoxymethoxy)benzamide:  
**Use:** etobenzamid
- N-(2,4-dichloro-5-(4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl)phenyl)methanesulfonamide: **Use:** sulfentrazone
- N-(2,4-difluorophenyl)-2-(3-(trifluoromethyl)phenoxy)-3-pyridinecarboxamide: **Use:** diflufenican
- N-(2,4-dimethyl-5-(((trifluoromethyl)sulfonyl)amino)=phenyl)acetamide: **Use:** mefluidide
- N-(2,6-bis(1-methylethyl)-4-phenoxyphenyl)-N'-(1,1-dimethylethyl)thiourea: **Use:** diafenthiuron
- N-(2,6-dibromo-4-(trifluoromethoxy)phenyl)-2-methyl-4-trifluoromethyl-5-thiazolecarboxamide:  
**Use:** thifluzamide
- N-(2,6-dichloro-3-methylphenyl)-5,7-dimethoxy=(1,2,4)triazolo(1,5-a)pyrimidine-2-sulfonamide:  
**Use:** metosulam
- N-(2,6-dichlorophenyl)-5-ethoxy-7-fluoro[1,2,4]=triazolo[1,5-c]pyrimidine-2-sulfonamide:  
**Use:** diclosulam
- N-(2,6-difluorophenyl)-5-methyl(1,2,4)triazolo(1,5-a)pyrimidine-2-sulfonamide: **Use:** flumetsulam
- N-(2,6-dimethylphenyl)-2-methoxy-N-(2-oxo-3-oxazolidinyl)acetamide: **Use:** oxadixyl
- N-(2-(3,5-dimethylphenoxy)-1-methylethyl)-6-(1-fluoro-1-methylethyl)-1,3,5-triazine-2,4-diamine:  
**Use:** triaziflam
- N-(2-carboxymethyl-6-chlorophenyl)-5-ethoxy-7-fluoro-(1,2,4)-triazolo[1,5c]-pyrimidine-2-sulfonamide:  
**Use:** cloransulam methyl ester
- N-(2-chloro-4-pyridinyl)-N'-phenylurea:  
**Use:** forchlorfenuron
- N-(2-chloro-6-fluorobenzyl)-N-ethyl- $\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro-p-toluidine: **Use:** flumetralin
- N-(2-chloroethyl)-2,6-dinitro-N-propyl-4-(trifluoromethyl)aniline: **Use:** fluchloralin
- N-(2-chloroethyl)-2,6-dinitro-N-propyl-4-(trifluoromethyl)benzenamine: **Use:** fluchloralin
- N-(2-chloroethyl)- $\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro-N-propyl-p-toluidine: **Use:** fluchloralin
- N-(2-ethylhexyl)-5-norbornene-2,3-dicarboximide:  
**Use:** MGK 264
- N-(2-furanylmethyl)-1H-purin-6-amine: **Use:** kinetin
- N-(2-furanylmethyl)-1H-purine-6-amine: **Use:** kinetin
- N-(2-methylcyclohexyl)-N'-phenylurea: **Use:** siduron
- N-(2-methylpropyl)-2-oxo-1-imidazolidinecarboxamide:  
**Use:** isocarbamid
- N-(3,4-dichlorophenyl) propanamide: **Use:** propanil
- N-(3,4-dichlorophenyl)hexahydro-1,3-dimethyl-2,4,6-trioxo-5-pyrimidinecarboxamide: **Use:** fenoxacrim
- N-(3,5-dichlorophenyl)-1,2-dimethylcyclopropane-1,2-dicarboximide: **Use:** procymidone
- N-(3,5-dichlorophenyl)-3-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide:  
**Use:** N-(3,5-dichlorophenyl)-3-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide
- N-(3-(1-ethyl-1-methylpropyl)-5-isoxazolyl)-2,6-dimethoxybenzamide: **Use:** isoxaben
- N-(3-(1-methylethoxy)phenyl)-2-(trifluoromethyl)=benzamide: **Use:** flutolanil
- N-(3-chlorophenyl)-N-(tetrahydro-2-oxo-3-furanyl)-cyclopropanecarboxamide: **Use:** cyprofuram
- N-(3-methoxypropyl)-N'-(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine: **Use:** methoprotrene



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- N-(3-phenyl-4,5-bis((trifluoromethyl)imino)-2-thiazolidinylidene)benzenamine, (Z,Z,E)-: **Use:** flubenzimine
- N-(4,6-dimethylpyrimidin-2-yl)aniline: **Use:** pyrimethanil
- N-(4-chloro-2-(hydroxyphenylmethyl)phenyl)-4-pyridinecarboxamide: **Use:** inabenfide
- N-(4-chloro-2-fluoro-5-((1-methyl-2-propynyl)oxy)phenyl)-3,4,5,6-tetrahydrophthalimide: **Use:** flumipropyn
- N-(4-chloro-2-fluoro-5-((1-methyl-2-propynyl)oxy)phenyl)-3,4,5,6-tetrahydrophthalimide, (RS)-: **Use:** flumipropyn
- N-(4-fluorophenyl)-N-(1-methylethyl)-2-((5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl)oxy)acetamide: **Use:** flufenacet
- N-(4-methyl-6-prop-1-ynylpyrimidin-2-yl)aniline: **Use:** mepanipyrim
- N-(4-methylphenyl)-N'-(1-methyl-1-phenylethyl)urea: **Use:** daimuron
- N-(4-tert-butylbenzyl)-4-chloro-3-ethyl-1-methylpyrazole-5-carboxamide: **Use:** tebufenpyrad
- N-(5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl)-N,N'-dimethylurea: **Use:** tebuthiuron
- N-(6-chloro-3-pyridylmethyl)-N-ethyl-N'-methyl-2-nitrovinylidenediamine, (E)-: **Use:** nitenpyram
- N-(7-fluoro-3,4-dihydro-3-oxo-4-prop-2-ynyl-2H-1,4-benzoxazin-6-yl)cyclohex-1-ene-1,2-dicarboxamide: **Use:** flumioxazin
- N-(butoxymethyl)-2-chloro-N-(2,6-diethylphenyl)acetamide: **Use:** butachlor
- N-(cyanomethyl)-4-(trifluoromethyl)-3-pyridinecarboxamide: **Use:** flonicamid
- N-(cyclopropylmethyl)-2,6-dinitro-N-propyl-4-(trifluoromethyl)benzenamine: **Use:** profluralin
- N-(dimethoxyphosphinothioylthiomethyl)phthalimide: **Use:** phosmet
- N-(mercaptomethyl)phthalimide S-(O,O-dimethyl phosphorodithioate): **Use:** phosmet
- N-(phenylmethyl)-1H-purin-6-amine: **Use:** 6-benzyladenine
- N-(phosphonomethyl)glycine: **Use:** glyphosate
- N-(trichloromethanesulfonyl)phthalimide: **Use:** folpet
- N-(trichloromethylthio)cyclohex-4-ene-1,2-dicarboximide: **Use:** captan
- N-(trichloromethylthio)phthalimide: **Use:** folpet
- N-1-naphthylphthalamic acid: **Use:** naptalam
- N-2-benzothiazolyl-N'-methylurea: **Use:** benzthiazuron
- N-2-benzothiazolyl-N,N'-dimethylurea: **Use:** methabenzthiazuron
- n-amylbutyrolactone, gamma-: **Use:** dihydro-5-pentyl-2(3H)-furanone
- N-benzoyl-N-(3-chloro-4-fluorophenyl), methyl D-alanine: **Use:** flamprop-M-methyl
- N-benzoyl-N-(3-chloro-4-fluorophenyl)-, 1-methylethyl D-alanine: **Use:** flamprop-M-isopropyl
- N-benzyl-N-isopropylpivalamide: **Use:** butam
- N-butoxymethyl-2-chloro-2',6'-diethylacetanilide: **Use:** butachlor
- n-butyl 2-(4-(4-cyano-2-fluorophenoxy)phenoxy)propionate, (R)-(+)-: **Use:** cyhalofop butyl ester
- N-butyl-N'-(3,4-dichlorophenyl)-N-methylurea: **Use:** neburon
- N-butyl-N-ethyl-2,6-dinitro-4-(trifluoromethyl)benzenamine: **Use:** benfluralin
- N-butyl-N-ethyl- $\alpha$ ,  $\alpha$ ,  $\alpha$ -trifluoro-2,6-dinitro-p-toluidine: **Use:** benfluralin
- N-cyanomethyl-4-(trifluoromethyl)nicotinamide: **Use:** flonicamid
- N-cyclohexyl-N-methoxy-2,5-dimethyl-3-furancarboxamide: **Use:** furmecyclox
- N-cyclopropyl-1,3,5-triazine-2,4,6-triamine: **Use:** cyromazine
- N-cyclopropylmethyl-2,6-dinitro-N-propyl-4-trifluoromethylaniline: **Use:** profluralin
- N-cyclopropylmethyl- $\alpha$ ,  $\alpha$ ,  $\alpha$ -trifluoro-2,6-dinitro-N-propyl-p-toluidine: **Use:** profluralin
- N-dichlorofluoromethylthio-N',N'-dimethyl-N-p-tolylsulfamide: **Use:** tolylfluanid
- N-dichlorofluoromethylthio-N',N'-dimethyl-N-phenylsulfamide: **Use:** dichlofluanid
- N-diethoxyphosphinothioylphthalimide: **Use:** ditalimfos
- N-dimethylaminosuccinamic acid: **Use:** daminozide
- N-ethyl-2-(((phenylamino)carbonyl)oxy)propanamide, (R)-: **Use:** carbetamide
- N-ethyl-3',4'-dimethoxy-N-methyl-5-(trifluoromethyl)(1,1'-biphenyl)-2-carboxamide: **Use:** flumetover
- N-ethyl-6-methoxy-N'-(1-methylpropyl)-1,3,5-triazine-2,4-diamine: **Use:** secbumeton
- N-ethyl- $\alpha$ ,  $\alpha$ ,  $\alpha$ -trifluoro-N-(2-methylallyl)-2,6-dinitro-p-toluidine: **Use:** ethalfuralin
- N-ethyl-N'-(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine: **Use:** ametryn
- N-ethyl-N-(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine: **Use:** ethalfuralin
- n-heptylbutyrolactone, gamma-: **Use:** dihydro-5-heptyl-2(3H)-furanone
- N-isobutyl-2-oxoimidazolidine-1-carboxamide: **Use:** isocarbamid
- N-methyl-N'-(1-methyl-1-phenylethyl)-N-phenylurea: **Use:** methylmymron
- N-methyl-N'-(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine: **Use:** desmetryn
- N-methyl-N'-nitro-N'-[[tetrahydro-3-furanyl)methyl]guanidine: **Use:** dinotefuran
- N-methylbis(2,4-xylyliminomethyl)amine: **Use:** amitraz
- N-octyl bicycloheptene dicarboximide: **Use:** MGK 264
- N-phenyl-2-(2-naphthoxy)propionamide: **Use:** naproanilide
- N-phenyl-N'-1,2,3-thiadiazol-5-yl-urea: **Use:** thidiazuron
- N-phenylbenzenamine: **Use:** diphenylamine
- N-phosphomethylglycine: **Use:** glyphosate
- N-phosphoromethylglycine: **Use:** glyphosate
- N-propyl-N-(2-(2,4,6-trichlorophenoxy)ethyl)-1H-imidazole-1-carboxamide: **Use:** prochloraz
- N-propyl-N-[2-(2,4,6-trichlorophenoxy)ethyl]imidazole-1-carboxamide: **Use:** prochloraz
- N-sec-butyl-4-tert-butyl-2,6-dinitroaniline: **Use:** butralin
- N-serve: **Use:** nitrapyrin
- N-tert-butyl-N'-(3-methoxy-o-toluoyl)-3,5-xylohydrazide: **Use:** methoxyfenozide
- N-tert-butyl-N'-(4-chlorobenzoyl)benzohydrazide: **Use:** halofenozide

- N-tert-butyl-N'-(4-ethylbenzoyl)-3,5-dimethylbenzohydrazide: **Use:** tebufenozide
- N-[(2-chloro-5-thiazolyl)methyl]-N'-methyl-N''-nitroguanidine, (E)-: **Use:** clothianidin
- N-[2-(3,5-dimethylphenoxy)-1-methylethyl]-6-(1-fluoro-1-methylethyl)-1,3,5-triazine-2,4-diamine, (RS)-: **Use:** triaziflam
- N-[2-chloro-1-(diethoxyphosphinothioylthio)=ethyl]phthalimide: **Use:** dialifor
- N-[3-(1-ethyl-1-methylpropyl)-1,2-oxazol-5-yl]-2,6-dimethoxybenzamide: **Use:** isoxaben
- N-[4-chloro-2-fluoro-5-(1-methylprop-2-ynyl)oxyphenyl]cyclohex-1-ene-1,2-dicarboximide, (RS)-: **Use:** flumipropyn
- N-[4-methyl-3-[(trifluoromethyl)sulfonyl]amino]phenyl]acetamide: **Use:** fluoridamid
- N-[[[(4,6-dimethoxy-2-pyrimidinyl)amino]carbonyl]-3-(2,2,2-trifluoroethoxy)-2-pyridinesulfonamide monosodium salt monohydrate: **Use:** trifloxysulfuron-sodium
- N1,N1-diethyl-2,6-dinitro-4-trifluoromethyl-m-phenylenediamine: **Use:** dinitramine
- N2,3-diphenyl-N4,N5-bis(trifluoromethyl)-1,3-thiazolidine-2,4,5-triylidenetriamine, (2Z,4E,5Z)-: **Use:** flubenzimine
- N2,N4-di-isopropyl-6-methoxy-1,3,5-triazine-2,4-diamine: **Use:** prometon
- N2,N4-di-isopropyl-6-methylthio-1,3,5-triazine-2,4-diamine: **Use:** prometryn
- N2,N4-diethyl-6-methylthio-1,3,5-triazine-2,4-diamine: **Use:** simetryn
- N2-(1,2-dimethylpropyl)-N4-ethyl-6-methylthio-1,3,5-triazine-2,4-diamine: **Use:** dimethametryn
- N2-(4-chloro-o-tolyl)-N1,N1-dimethylformamidine: **Use:** chlordimeform
- N2-ethyl-N4-isopropyl-6-methylthio-1,3,5-triazine-2,4-diamine: **Use:** ametryn
- N2-isopropyl-N4-(3-methoxypropyl)-6-methylthio-1,3,5-triazine-2,4-diamine: **Use:** methoprotryne
- N2-isopropyl-N4-methyl-6-methylthio-1,3,5-triazine-2,4-diamine: **Use:** desmetryn
- N2-tert-butyl-6-chloro-N4-ethyl-1,3,5-triazine-2,4-diamine: **Use:** terbuthylazine
- N2-tert-butyl-N4-ethyl-6-methoxy-1,3,5-triazine-2,4-diamine: **Use:** terbumeton
- N2-tert-butyl-N4-ethyl-6-methylthio-1,3,5-triazine-2,4-diamine: **Use:** terbutryn
- N3,N3-diethyl-2,4-dinitro-6-(trifluoromethyl)-1,3-benzenediamine: **Use:** dinitramine
- N6-benzyladenine: **Use:** 6-benzyladenine
- N6-furfuryladenine: **Use:** kinetin
- NAA: **Use:** 1-naphthylacetic acid
- Nabu: **Use:** sethoxydim
- NAK 4455: **Use:** transluthrin
- naled: **Use:** naled
- naled metabolite: **Use:** dichlorvos
- Namekil: **Use:** metaldehyde
- naphthaleneacetamide: **Use:** naphthaleneacetamide
- naphthaleneacetamide metabolite: **Use:** 1-naphthylacetic acid
- naphthaleneacetamide, alpha-: **Use:** naphthaleneacetamide
- naphthol,  $\alpha$ -: **Use:** 1-naphthol
- naphthoxyacetic acid, beta: **Use:** (2-naphthoxy)acetic acid
- naproanilide: **Use:** naproanilide
- napropamide: **Use:** napropamide
- naptalam: **Use:** naptalam
- natriphene: **Use:** sodium o-phenylphenate
- Naturalyte: **Use:** spinosad
- NC 21314: **Use:** clofentezine
- NC-129: **Use:** pyridaben
- NC-302: **Use:** quizalofop ethyl ester
- NC-311: **Use:** pyrazosulfuron-ethyl
- NC-319: **Use:** halosulfuron-methyl
- NCI-129: **Use:** pyridaben
- Nebijin: **Use:** flusulfamide
- neburea: **Use:** neburon
- Neburex: **Use:** neburon
- neburon: **Use:** neburon
- Neguvon: **Use:** trichlorfon
- Nemacide: **Use:** dichlofention
- Nemacur: **Use:** fenamiphos
- Nemafos: **Use:** thionazin
- Nemagon: **Use:** dibromochloropropane
- Nemamort: **Use:** DCIP
- Nemazine: **Use:** phenothiazine
- Neo-Asozin: **Use:** ammonium iron methylarsonate
- neo-decanoic acid: **Use:** neodecanoic acid
- Neoban: **Use:** barban
- neodecanoic acid: **Use:** neodecanoic acid
- neodecanoic acid (class): **Use:** neodecanoic acid
- Neopynamin: **Use:** tetramethrin
- Neoron: **Use:** bromopropylate
- Neoxorexa PP580: **Use:** difenacoum
- Nevifos: **Use:** fosmethilan
- Nexagan: **Use:** bromophos-ethyl
- Nexion: **Use:** bromophos
- NF-114: **Use:** triflumizole
- NI-25: **Use:** acetamiprid
- Niagaramite: **Use:** aramite
- Nialate: **Use:** ethion
- nichogencin: **Use:** gentamicin sulfate
- niclofen: **Use:** nitrofen
- niclosamide : **Use:** niclosamide
- nicosulfuron: **Use:** nicosulfuron
- nicotine: **Use:** nicotine
- nicotine sulfate: **Use:** nicotine sulfate
- Nimrod: **Use:** bupirimate
- NIP: **Use:** nitrofen
- nipyraclufen: **Use:** nipyraclufen
- Nissorun: **Use:** hexythiazox
- nitenpyram: **Use:** nitenpyram
- nithiazine: **Use:** nithiazine
- nitralin: **Use:** nitralin
- nitrapyrin: **Use:** nitrapyrin
- nitrofen: **Use:** nitrofen
- nitrofen metabolite: **Use:** aminonitrofen
- nitrofluorfen: **Use:** nitrofluorfen
- nitrophen: **Use:** nitrofen
- nitrothal-isopropyl: **Use:** nitrothal-isopropyl

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Nix-scald: **Use:** ethoxyquin  
NNF-136: **Use:** flutolanil  
NNI 750: **Use:** buprofezin  
NNI-850: **Use:** fenpyroximate  
No Bunt: **Use:** hexachlorobenzene  
No-pest: **Use:** dichlorvos  
Nomolt: **Use:** teflubenzuron  
Nomow: **Use:** trinexapac-ethyl  
nonachlor, cis-: **Use:** nonachlor, cis-  
nonachlor, trans-: **Use:** nonachlor, trans-  
nonalactone, gamma-: **Use:** dihydro-5-pentyl-2(3H)-furanone  
nonan-1,4-olide: **Use:** dihydro-5-pentyl-2(3H)-furanone  
nonan-4-olide: **Use:** dihydro-5-pentyl-2(3H)-furanone  
nonanolactone, gamma-: **Use:** dihydro-5-pentyl-2(3H)-furanone  
nonanolide, gamma-: **Use:** dihydro-5-pentyl-2(3H)-furanone  
nonylactone, gamma-: **Use:** dihydro-5-pentyl-2(3H)-furanone  
nonyllactone, gamma-: **Use:** dihydro-5-pentyl-2(3H)-furanone  
norea: **Use:** norea  
Norex: **Use:** chloroxuron  
norflurazon: **Use:** norflurazon  
Nortranese: **Use:** ethofumesate  
Nortron: **Use:** ethofumesate  
noruron: **Use:** norea  
Nova: **Use:** myclobutanil  
novaluron: **Use:** novaluron  
NPA: **Use:** naptalam  
NSK-850: **Use:** thenylchlor  
NTN 33893: **Use:** imidacloprid  
nuarimol: **Use:** nuarimol  
Nudrin: **Use:** methomyl  
Nustar: **Use:** flusilazole  
Nuvacron: **Use:** monocrotophos  
Nuvanol N: **Use:** jodfenphos  
Nylar: **Use:** pyriproxyfen

## O

O,O,O',O'-tetraethyl dithiopyrophosphate:  
**Use:** sulfotep  
O,O,O',O'-tetraethyl S,S'-methylene bis(phosphorodithioate): **Use:** ethion  
O,O,O',O'-tetramethyl O,O'-(thiodi-4,1-phenylene) phosphorothioate: **Use:** temephos  
O,O,O',O'-tetramethyl O,O'-thiodi-p-phenylene bis(phosphorothioate): **Use:** temephos  
O,O,O',O'-tetramethyl O,O'-thiodi-p-phenylene diphosphorothioate: **Use:** temephos  
O,O-bis(1-methylethyl) S-(2-((phenylsulfonyl)=amino)ethyl) phosphorodithioate: **Use:** bensulide  
O,O-bis(1-methylethyl) S-(phenylmethyl) phosphorothioate: **Use:** iprobenfos  
O,O-di-isopropyl S-2-phenylsulfonylaminoethyl phosphorodithioate: **Use:** bensulide  
O,O-diethyl (1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl) phosphonothioate: **Use:** ditalimfos  
O,O-diethyl  $\alpha$ -cyanobenzylideneamino-oxyphosphonothioate: **Use:** phoxim  
O,O-diethyl ester O-(2-(1,1-dimethylethyl)-5-pyrimidinyl) phosphorothioate: **Use:** butathiofos  
O,O-diethyl O-(1,2,2,2-tetrachloroethyl) phosphorothioate, (RS)-: **Use:** chlorethoxyfos  
O,O-diethyl O-(1,2,2,2-tetrachloroethyl)= phosphorothioate: **Use:** chlorethoxyfos  
O,O-diethyl O-(1-phenyl-1H-1,2,4-triazol-3-yl) phosphorothioate: **Use:** triazophos  
O,O-diethyl O-(2-(ethylthio)ethyl phosphorothioate mixture with O,O-diethyl S-(2-(ethylthio)ethyl) phosphorothioate: **Use:** demeton  
O,O-diethyl O-(2-(ethylthio)ethyl) phosphorothioate: **Use:** demeton-O  
O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate: **Use:** chlorpyrifos  
O,O-diethyl O-(4-(methylsulfinyl)phenyl) phosphorothioate: **Use:** fensulfothion  
O,O-diethyl O-(4-nitrophenyl) phosphorothioate: **Use:** parathion  
O,O-diethyl O-(5-phenyl-3-isoxazolyl) phosphorothioate: **Use:** isoxathion  
O,O-diethyl O-(6-methyl-2-(1-methylethyl)-4-pyrimidinyl) phosphorothioate: **Use:** diazinon  
O,O-diethyl O-(p-(methylsulfinyl)phenyl) phosphorothioate: **Use:** fensulfothion  
O,O-diethyl O-1-phenyl-1H-1,2,4-triazol-3-yl phosphorothioate: **Use:** triazophos  
O,O-diethyl O-2-ethylthioethyl phosphorothioate: **Use:** demeton-O  
O,O-diethyl O-2-isopropyl-6-methylpyrimidin-4-yl phosphorothioate: **Use:** diazinon  
O,O-diethyl O-2-quinoxalanyl phosphorothioate: **Use:** quinalphos  
O,O-diethyl O-3,5,6-trichloro-2-pyridyl phosphorothioate: **Use:** chlorpyrifos  
O,O-diethyl O-4-methylsulfinylphenyl phosphorothioate: **Use:** fensulfothion  
O,O-diethyl O-4-nitrophenyl phosphorothioate: **Use:** parathion  
O,O-diethyl O-5-phenyl-1,2-oxazol-3-yl phosphorothioate: **Use:** isoxathion  
O,O-diethyl O-ethylmercaptoethyl thiophosphate: **Use:** demeton-O  
O,O-diethyl O-pyrazin-2-yl phosphorothioate: **Use:** thionazin  
O,O-diethyl O-pyrazinyl phosphorothioate: **Use:** thionazin  
O,O-diethyl O-quinoxalin-2-yl phosphorothioate: **Use:** quinalphos  
O,O-diethyl phthalimidophosphonothioate: **Use:** ditalimfos  
O,O-diethyl S-((4-oxo-1,2,3-benzotriazin-3-(4H)-yl)methyl) phosphorodithioate: **Use:** azinphos-ethyl  
O,O-diethyl S-((ethylthio)methyl) phosphorodithioate: **Use:** phorate  
O,O-diethyl S-(2-((1-methylethyl)amino)-2-oxoethyl) phosphorodithioate: **Use:** prothoate  
O,O-diethyl S-(2-(ethylthio)ethyl) phosphorodithioate: **Use:** disulfoton  
O,O-diethyl S-(2-(ethylthio)ethyl) phosphorothioate: **Use:** demeton-S  
O,O-diethyl S-(chloromethyl) dithiophosphate: **Use:** chlormephos  
O,O-diethyl S-2-ethylthioethyl phosphorodithioate: **Use:** disulfoton

- O,O-diethyl S-2-ethylthioethyl phosphorothioate:  
**Use:** demeton-S
- O,O-diethyl S-ethylmercaptoethyl thiophosphate:  
**Use:** demeton-S
- O,O-diethyl S-ethylthiomethyl phosphorodithioate:  
**Use:** phorate
- O,O-diethyl S-isopropylcarbamoylmethyl phosphorodithioate: **Use:** prothoate
- O,O-diethyl S-[[5-(1-methylethoxy)-2-oxo-1,3,4-thiadiazol-3(2H)-yl]methyl] phosphorodithioate:  
**Use:** prothidathion
- O,O-dimethyl alpha-cyanobenzylideneamino-oxyphosphonothioate : **Use:** phoxim-methyl
- O,O-dimethyl dithiobis(thioformate): **Use:** dimexano
- O,O-dimethyl O-(2,4,5-trichlorophenyl) phosphorothioate: **Use:** ronnel
- O,O-dimethyl O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate: **Use:** chlorpyrifos-methyl
- O,O-dimethyl O-(3-methyl-4-(methylthio)phenyl) phosphorothioate: **Use:** fenthion
- O,O-dimethyl O-(3-methyl-4-nitrophenyl) phosphorothioate: **Use:** fenitrothion
- O,O-dimethyl O-(4-((dimethylamino)sulfonyl)phenyl) phosphorothioate: **Use:** famphur
- O,O-dimethyl O-(4-nitrophenyl) phosphorothioate:  
**Use:** parathion-methyl
- O,O-dimethyl O-2,4,5-trichlorophenyl phosphorothioate: **Use:** ronnel
- O,O-dimethyl O-2-quinoxalinyll phosphorothioate:  
**Use:** quinalphos-methyl
- O,O-dimethyl O-3,5,6-trichloro-2-pyridyl phosphorothioate: **Use:** chlorpyrifos-methyl
- O,O-dimethyl O-4-methylthio-m-tolyl phosphorothioate: **Use:** fenthion
- O,O-dimethyl O-4-nitro-m-tolyl phosphorothioate:  
**Use:** fenitrothion
- O,O-dimethyl O-4-nitrophenyl phosphorothioate:  
**Use:** parathion-methyl
- O,O-dimethyl O-quinoxalin-2-yl phosphorothioate:  
**Use:** quinalphos-methyl
- O,O-dimethyl S-(4-oxo-1,2,3-benzotriazin-3(4H)-yl)methyl) phosphorodithioate: **Use:** azinphos-methyl
- O,O-dimethyl S-(2-((1-methyl-2-(methylamino)-2-oxoethyl)thio)ethyl) phosphorothioate:  
**Use:** vamidothion
- O,O-dimethyl S-(2-(methylamino)2-oxoethyl) phosphorodithioate: **Use:** dimethoate
- O,O-dimethyl S-(2-ethsulfonylethyl)phosphorothioate:  
**Use:** oxydemeton-methyl sulfone
- O,O-dimethyl S-(2-methylamino)-2-oxoethyl phosphorothioate: **Use:** omethoate
- O,O-dimethyl S-(N-methylcarbamoylmethyl) phosphorothioate: **Use:** omethoate
- O,O-dimethyl S-2-(1-methylcarbamoylethylthio)ethyl phosphorothioate : **Use:** vamidothion
- O,O-dimethyl S-ethyl-2-sulfonylethyl phosphorothioate: **Use:** oxydemeton-methyl sulfone
- O,O-dimethyl S-ethylsulfonylethyl phosphorothioate: **Use:** oxydemeton-methyl sulfone
- O,O-dimethyl S-methylcarbamoylmethyl phosphorodithioate: **Use:** dimethoate
- O,O-dimethyl S-methylcarbamoylmethyl phosphorothioate: **Use:** omethoate
- O,O-dimethyl S-phthalimidomethyl phosphorodithioate : **Use:** phosmet
- O,S-dimethyl acetylphosphoramidothioate:  
**Use:** acephate
- O,S-dimethyl phosphoramidothioate:  
**Use:** methamidophos
- O-((phenylamino)carbonyl)oxime 2-propanone:  
**Use:** proximpham
- O-(1,6-dihydro-6-oxo-1-phenyl-3-pyridazinyl) O,O-diethyl phosphorothioate: **Use:** pyridaphenthion
- O-(1,6-dihydro-6-oxo-1-phenylpyridazin-3-yl) O,O-diethyl phosphorothioate: **Use:** pyridaphenthion
- O-(1-(4-chlorophenyl)-1H-pyrazol-4-yl) O-ethyl S-propyl phosphorothioate: **Use:** pyraclofos
- O-(2,4-dichlorophenyl) O,O-diethyl phosphorothioate:  
**Use:** dichlofenthion
- O-(2,4-dichlorophenyl) O-ethyl S-propyl phosphorodithioate: **Use:** prothiofos
- O-(2,5-dichloro-4-iodophenyl) O,O-dimethyl phosphorothioate: **Use:** jodfenphos
- O-(2,6-dichloro-4-methylphenyl) O,O-dimethyl phosphorothioate: **Use:** tolclofos-methyl
- O-(2-(1,1-dimethylethyl)-5-pyrimidinyl) O-ethyl O-(1-methylethyl) phosphorothioate: **Use:** tebupirimfos
- O-(2-(diethylamino)-6-methyl-4-pyrimidinyl) O,O-dimethyl phosphorothioate: **Use:** pirimiphos-methyl
- O-(2-(ethylthio)ethyl) O,O-dimethyl phosphorothioate:  
**Use:** metasytox thion
- O-(2-diethylamino)-6-methyl-4-pyrimidinyl) O,O-diethyl phosphorothioate: **Use:** pirimiphos-ethyl
- O-(2-tert-butylpyrimidin-5-yl) O-ethyl O-isopropyl phosphorothioate: **Use:** tebupirimfos
- O-(3-(1,1-dimethylethyl)phenyl) (6-methoxy-2-pyridinyl)methylcarbamothioate: **Use:** pyributicarb
- O-(3-chloro-4-methyl-2-oxo-2H-1-benzopyran-7-yl) O,O-diethyl phosphorothioate: **Use:** coumaphos
- O-(4-bromo-2,5-dichlorophenyl) O,O-diethyl phosphorothioate: **Use:** bromophos-ethyl
- O-(4-bromo-2,5-dichlorophenyl) O,O-dimethyl phosphorothioate: **Use:** bromophos
- O-(4-bromo-2,5-dichlorophenyl) O-methyl phenylphosphonothioate: **Use:** leptophos
- O-(4-bromo-2-chlorophenyl) O-ethyl S-propyl phosphorothioate: **Use:** profenofos
- O-(4-cyanophenyl) O,O-dimethyl phosphorothioate:  
**Use:** cyanophos
- O-(4-cyanophenyl) O-ethyl phenylphosphonothioate:  
**Use:** cyanofenphos
- O-(5-chloro-1-(1-methylethyl)-1H-1,2,4-triazol-3-yl) O,O-diethyl phosphorothioate: **Use:** isazofos
- O-(6-chloro-3-phenyl-4-pyridazinyl) S-octyl carbonothioate: **Use:** pyridate
- O-(6-ethoxy-2-ethyl-4-pyrimidinyl) O,O-dimethyl phosphorothioate: **Use:** etrimfos
- O-(dichloro(methylthio)phenyl) O,O-diethyl phosphorothioate: **Use:** chlorthiophos
- O-2,4-dichlorophenyl O,O-diethyl phosphorothioate:  
**Use:** dichlofenthion
- O-2,4-dichlorophenyl O-ethyl S-propyl phosphorodithioate: **Use:** prothiofos
- O-2,5-dichloro-4-iodophenyl O,O-dimethyl phosphorothioate: **Use:** jodfenphos
- O-2,6-dichloro-p-tolyl O,O-dimethyl phosphorothioate:  
**Use:** tolclofos-methyl



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- O-2-deoxy-2-(methylamino)- $\alpha$ -L-glucopyranosyl-(1->2)-O-5-deoxy-3-C-formyl- $\alpha$ -L-lyxofuranosyl-(1->4)-N,N'-bis(aminoiminoMe)-D-streptamine:  
**Use:** streptomycin
- O-2-deoxy-2-methylamino- $\alpha$ -L-glucopyranosyl-(1->2)-O-5-deoxy-3-C-formyl- $\alpha$ -L-lyxofuranosyl-(1->4)-N3,N3-diamidino-D-streptamine:  
**Use:** streptomycin
- O-2-diethylamino-6-methylpyrimidin-4-yl O,O-diethyl phosphorothioate: **Use:** pirimiphos-ethyl
- O-2-diethylamino-6-methylpyrimidin-4-yl O,O-dimethyl phosphorothioate: **Use:** pirimiphos-methyl
- O-2-ethylthioethyl O,O-dimethyl phosphorothioate:  
**Use:** metasystox thion
- O-2-isopropoxycarbonyl-1-methylvinyl O-methyl ethylphosphoramidothioate, (E)-:  
**Use:** propetamphos
- O-2-methoxycarbonylprop-1-enyl O,O-dimethyl phosphorothioate, (E)-: **Use:** methacrifos
- O-2-tert-butylpyrimidin-5-yl O,O-diethyl phosphorothioate: **Use:** butathiofos
- O-3-chloro-4-methyl-2-oxo-2H-chromen-7-yl O,O-diethyl phosphorothioate: **Use:** coumaphos
- O-3-tert-butylphenyl 6-methoxy-2-pyridyl(methyl)thiocarbamate: **Use:** pyributicarb
- O-4-bromo-2,5-dichlorophenyl O,O-diethyl phosphorothioate: **Use:** bromophos-ethyl
- O-4-bromo-2,5-dichlorophenyl O,O-dimethyl phosphorothioate: **Use:** bromophos
- O-4-bromo-2,5-dichlorophenyl O-methyl phenylphosphonothioate: **Use:** leptophos
- O-4-bromo-2-chlorophenyl O-ethyl S-propyl phosphorothioate: **Use:** profenofos
- O-4-cyanophenyl O,O-dimethyl phosphorothioate:  
**Use:** cyanophos
- O-4-cyanophenyl O-ethyl phenylphosphonothioate:  
**Use:** cyanofenphos
- O-4-dimethylsulfamoylphenyl O,O-dimethyl phosphorothioate : **Use:** famphur
- O-5-chloro-1-isopropyl-1H-1,2,4-triazol-3-yl O,O-diethyl phosphorothioate: **Use:** isazofos
- O-6-ethoxy-2-ethylpyrimidin-4-yl O,O-dimethyl phosphorothioate: **Use:** etrimfos
- O-6-ethoxycarbonyl-5-methylpyrazolo[1,5-a]pyrimidin-2-yl O,O-diethyl phosphorothioate: **Use:** pyrazophos
- O-ethyl O-(2-(((methylamino)carbonyl)oxy)phenyl) S-propyl phosphorothioate: **Use:** phosphocarb
- O-ethyl O-(4-(methylthio)phenyl) S-propyl phosphorodithioate: **Use:** sulprofos
- O-ethyl O-(4-nitrophenyl) phenylphosphonothioate:  
**Use:** EPN
- O-ethyl O-(5-methyl-2-nitrophenyl) (1-methylpropyl)=phosphoramidothioate: **Use:** butamifos
- O-ethyl O-(p-(methylthio)phenyl) S-propyl phosphorodithioate: **Use:** sulprofos
- O-ethyl O-2-isopropoxycarbonylphenyl isopropylphosphoramidothioate: **Use:** isofenphos
- O-ethyl O-4-(methylthio)phenyl S-propyl phosphorodithioate: **Use:** sulprofos
- O-ethyl O-4-nitrophenyl phenylphosphonothioate:  
**Use:** EPN
- O-ethyl O-5-methyl-2-nitrophenyl sec-butylphosphoramidothioate: **Use:** butamifos
- O-ethyl O-6-nitro-m-tolyl sec-butylphosphoramidothioate: **Use:** butamifos
- O-ethyl S,S-bis(1-methylpropyl) phosphorodithioate:  
**Use:** cadusafos
- O-ethyl S,S-diphenyl phosphorodithioate:  
**Use:** edifenphos
- O-ethyl S,S-dipropyl phosphorodithioate:  
**Use:** ethoprop
- O-ethyl S-(1-methylpropyl) (2-oxo-3-thiazolidinyl)phosphonothioate: **Use:** fosthiazate
- O-ethyl S-(2-(methylphenylamino)-2-oxoethyl) (1-methylethyl) phosphoroamidothiate:  
**Use:** isamidofos
- O-ethyl S-(N-methylcarbaniloylmethyl) N-isopropylphosphoramidothioate: **Use:** isamidofos
- O-ethyl S-phenyl (RS)-ethylphosphonodithioate:  
**Use:** fonofos
- O-ethyl S-phenyl ethylphosphonodithioate:  
**Use:** fonofos
- Octachlor: **Use:** chlordane
- octachlor epoxide: **Use:** octachlor epoxide
- Octacide 264: **Use:** MGK 264
- Octalene: **Use:** aldrin
- Octalox: **Use:** dieldrin
- octamethyl pyrophosphortetramide: **Use:** schradan
- octamethyl tetramido pyrophosphate: **Use:** schradan
- octamethyldiphosphoramide: **Use:** schradan
- octamethylpyrophosphoric tetra-amide: **Use:** schradan
- octhiline: **Use:** octhiline
- Oftanol: **Use:** isofenphos
- ofurace: **Use:** ofurace
- OK 174: **Use:** benfuracarb
- Olymp: **Use:** flusilazole
- omethoate: **Use:** omethoate
- OMI-88: **Use:** tolfenpyrad
- Omite: **Use:** propargite
- OMPA: **Use:** schradan
- ompacide: **Use:** schradan
- ompatox: **Use:** schradan
- ompax: **Use:** schradan
- OMS 1696: **Use:** hydroprene
- OMU: **Use:** cycluron
- Oncol: **Use:** benfuracarb
- Onic: **Use:** alanycarb
- Onmex: **Use:** penconazole
- ophtagram: **Use:** gentamicin sulfate
- Opus: **Use:** epoxiconazole
- orbencarb: **Use:** orbencarb
- Ordram: **Use:** molinate
- Orimon: **Use:** phenothiazine
- Orion: **Use:** alanycarb
- Orthene: **Use:** acephate
- Ortho 12420: **Use:** acephate
- orthoarsenic acid: **Use:** arsenic acid
- orthobencarb: **Use:** orbencarb
- Orthocide: **Use:** captan
- orthoparaquat: **Use:** paraquat
- oryzalin: **Use:** oryzalin
- Oryzemat: **Use:** probenazole
- Oust: **Use:** sulfometuron methyl ester
- Outfox: **Use:** cyprazine
- ovatran: **Use:** ovex



ovatron: **Use:** ovex  
 ovex: **Use:** ovex  
 Ovochlor: **Use:** ovex  
 Ovotran: **Use:** ovex  
 oxabetrinil: **Use:** oxabetrinil  
 oxabetrinil : **Use:** oxabetrinil  
 oxadiargyl: **Use:** oxadiargyl  
 oxadiazon: **Use:** oxadiazon  
 oxadixyl: **Use:** oxadixyl  
 oxamyl: **Use:** oxamyl  
 oxasulfuron: **Use:** oxasulfuron  
 oxaziclomefone: **Use:** oxaziclomefone  
 oxetan-3-yl 2-[(4,6-dimethylpyrimidin-2-yl)carbamoylsulfamoyl]benzoate: **Use:** oxasulfuron  
 oxirane: **Use:** ethylene oxide  
 oxolinic acid: **Use:** oxolinic acid  
 oxycarboxin: **Use:** oxycarboxin  
 oxychlorthane: **Use:** octachlor epoxide  
 oxydemeton-methyl: **Use:** oxydemeton-methyl  
 oxydemeton-methyl sulfone: **Use:** oxydemeton-methyl sulfone  
 oxydeprofos: **Use:** oxydeprofos  
 oxydiazol: **Use:** methazole  
 oxydimethiin: **Use:** dimethipin  
 oxyfluorfen: **Use:** oxyfluorfen  
 oxymethylene: **Use:** formaldehyde  
 oxytetracycline: **Use:** oxytetracycline  
 oxytetracycline hydrochloride: **Use:** oxytetracycline hydrochloride  
 oxythioquinox: **Use:** oxythioquinox

**P**

p-chlorobenzyl p-chlorophenyl sulfide: **Use:** chlorbenside  
 p-chlorobenzyl p-chlorophenyl sulphide: **Use:** chlorbenside  
 p-nitrophenyl 2,4,6-trichlorophenyl ether: **Use:** chlornitrofen  
 Paarlan: **Use:** isopropalin  
 PAC: **Use:** pyrazon  
 paclobutrazol: **Use:** paclobutrazol  
 Padan: **Use:** cartap hydrochloride  
 Padophene: **Use:** phenothiazine  
 Paicer: **Use:** pyrazoxyfen  
 PAL 6000: **Use:** metobenzuron  
 Pallitop: **Use:** nitrothal-isopropyl  
 Panatac: **Use:** clofentazine  
 pangram: **Use:** gentamicin sulfate  
 Pano-ram: **Use:** fenfuram  
 Panocon: **Use:** fenothiocarb  
 Panoctine: **Use:** iminoctadine  
 Panolil: **Use:** iminoctadine  
 Panoram D-31: **Use:** dieldrin  
 Paphthion: **Use:** phenthoate  
 paraffin oil (class): **Use:** mineral oil  
 Paraform: **Use:** paraformaldehyde  
 paraformaldehyde: **Use:** paraformaldehyde  
 paraquat: **Use:** paraquat  
 parathion: **Use:** parathion

parathion methyl homolog: **Use:** parathion-methyl  
 parathion-methyl: **Use:** parathion-methyl  
 Patoran: **Use:** metobromuron  
 Patrol: **Use:** fenpropidin  
 Pay-off: **Use:** flucythrinate  
 PCA: **Use:** pentachloroaniline  
 PCA: **Use:** pyrazon  
 PCBN: **Use:** pentachlorobenzonitrile  
 PCNB: **Use:** quintozene  
 PCP: **Use:** pentachlorophenol  
 PCP methyl ether: **Use:** pentachlorophenyl methyl ether  
 PCP methyl sulfide: **Use:** pentachlorophenyl methyl sulfide  
 peach aldehyde: **Use:** dihydro-5-heptyl-2(3H)-furanone  
 peach lactone: **Use:** dihydro-5-heptyl-2(3H)-furanone  
 pebulate: **Use:** pebulate  
 pefurazoate: **Use:** pefurazoate  
 Pegasus: **Use:** diafenthiuron  
 pelargolactone, gamma-: **Use:** dihydro-5-pentyl-2(3H)-furanone  
 penconazole: **Use:** penconazole  
 pencycuron: **Use:** pencycuron  
 pendimethalin: **Use:** pendimethalin  
 Penite: **Use:** sodium arsenite  
 penoxalin: **Use:** pendimethalin  
 penoxsulam (prop): **Use:** penoxsulam  
 pent-4-enyl N-furfuryl-N-imidazol-1-ylcarbonyl-DL-homoalaninate: **Use:** pefurazoate  
 Penta: **Use:** pentachlorophenol  
 pentachloro(methylthio)benzene: **Use:** pentachlorophenyl methyl sulfide  
 pentachloroaniline: **Use:** pentachloroaniline  
 pentachloroanisole: **Use:** pentachlorophenyl methyl ether  
 pentachlorobenzene: **Use:** pentachlorobenzene  
 pentachlorobenzonitrile: **Use:** pentachlorobenzonitrile  
 pentachloromethoxybenzene: **Use:** pentachlorophenyl methyl ether  
 pentachloronitrobenzene: **Use:** quintozene  
 pentachlorophenol: **Use:** pentachlorophenol  
 pentachlorophenyl methyl ether: **Use:** pentachlorophenyl methyl ether  
 pentachlorophenyl methyl sulfide: **Use:** pentachlorophenyl methyl sulfide  
 pentachlorothioanisole: **Use:** pentachlorophenyl methyl sulfide  
 pentyl (2-chloro-4-fluoro-5-(1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isoindol-2-yl)phenoxy)acetate: **Use:** flumiclorac pentyl ester  
 pentyl [2-chloro-5-(cyclohex-1-ene-1,2-dicarboximido)-4-fluororophenoxy]acetate: **Use:** flumiclorac pentyl ester  
 pentyl-gamma-butyrolactone, gamma-: **Use:** dihydro-5-pentyl-2(3H)-furanone  
 perchloropentacyclo[5.3.0.02,6.03,9.04,8]decan-5-one: **Use:** chlordecone  
 perchloropentacyclo[5.3.0.02,6.03,9.04,8]decane: **Use:** mirex  
 perfluidone: **Use:** perfluidone  
 permethric acid: **Use:** DCVA, trans-

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permethric acid, (1R-cis)-: **Use:** DCVA, cis-  
permethrin: **Use:** permethrin  
permethrin metabolite: **Use:** DCVA, trans-  
permethrin metabolite: **Use:** 3-phenoxybenzoic acid  
permethrin metabolite:  
**Use:** 3-phenoxybenzenemethanol  
permethrin metabolite: **Use:** DCVA, cis-  
Permit: **Use:** halosulfuron-methyl  
Peropal: **Use:** azocyclotin  
Persicol: **Use:** dihydro-5-heptyl-2(3H)-furanone  
Perthane: **Use:** ethylan  
Pestan: **Use:** mecarbam  
Pestox: **Use:** dimefox  
Pestox III: **Use:** schradan  
petrolatum, liquid: **Use:** mineral oil  
PH 51-07: **Use:** thicyofen  
PH 70-23: **Use:** flucyclozuron  
Phaltan: **Use:** folpet  
PHC: **Use:** propoxur  
phenamiphos: **Use:** fenamiphos  
Phenatox: **Use:** toxaphene  
Phenegic: **Use:** phenothiazine  
phénétacarbe: **Use:** fenethacarb  
phenisopham: **Use:** phenisopham  
phenmedipham: **Use:** phenmedipham  
phenmedipham-ethyl : **Use:** phenmedipham-ethyl  
phenothiazine: **Use:** phenothiazine  
phenothrin: **Use:** phenothrin  
Phenoverm: **Use:** phenothiazine  
Phenovis: **Use:** phenothiazine  
Phenoxur: **Use:** phenothiazine  
phenthoate: **Use:** phenthoate  
phenylbenzene: **Use:** biphenyl  
phenylmethyl 2-chloro-4-(trifluoromethyl)-5-  
thiazolecarboxylate: **Use:** flurazole  
phenylphenol, o-: **Use:** phenylphenol, o-  
phorate: **Use:** phorate  
phosalone: **Use:** phosalone  
phosdiphen: **Use:** phosdiphen  
Phosdrin: **Use:** mevinphos  
Phosdrin, cis-: **Use:** mevinphos, (E)-  
Phosdrin, trans-: **Use:** mevinphos, (Z)-  
phosethoprop: **Use:** ethoprop  
phosethyl-al: **Use:** fosetyl-Al  
phosfolan: **Use:** phosfolan  
phosmet: **Use:** phosmet  
phosphamidon: **Use:** phosphamidon  
phosphine: **Use:** phosphine  
phosphocarb: **Use:** phosphocarb  
Phosphon: **Use:** chlorphonium chloride  
phosphonomethylaminoacetic acid: **Use:** glyphosate  
phosphorothioic acid, cyclic O,O-(methylene-o-  
phenylene) O-methyl ester: **Use:** dioxabenzofos  
phosphorothioic acid, O,O-dimethyl O-2-quinoxalinyll  
ester: **Use:** quinalphos-methyl  
phosphorothioic acid, O,O-dimethyl S-(2-  
(ethylsulfonyl)ethyl) ester: **Use:** oxydemeton-methyl  
sulfone  
phostebupirim: **Use:** tebupirimfos

Phostoxin: **Use:** aluminum phosphide  
Phosvel: **Use:** leptophos  
photodieldrin: **Use:** photodieldrin  
photodieldrin B: **Use:** photodieldrin B  
phoxim: **Use:** phoxim  
phoxim-methyl : **Use:** phoxim-methyl  
phthalamic acid: **Use:** phthalamic acid  
phthalic acid monoamide: **Use:** phthalamic acid  
phthalide: **Use:** fthalide  
phthalide: **Use:** phthalide  
phthalophos: **Use:** phosmet  
Phthalthrin: **Use:** tetramethrin  
Phygon: **Use:** dichlone  
Picfume: **Use:** chloropicrin  
pichloram K: **Use:** picloram-potassium  
pichloram potassium salt: **Use:** picloram-potassium  
picloram: **Use:** picloram  
picloram potassium: **Use:** picloram-potassium  
picloram potassium salt: **Use:** picloram-potassium  
picloram-potassium: **Use:** picloram-potassium  
picoxystrobin: **Use:** picoxystrobin  
Pictyl: **Use:** fenoxycarb  
Pik-off: **Use:** glyoxime  
Pinnacle: **Use:** thifensulfuron methyl ester  
piperonyl butoxide: **Use:** piperonyl butoxide  
piperophos: **Use:** piperophos  
Pirate: **Use:** chlorfenapyr  
pirimicarb: **Use:** pirimicarb  
pirimiphos-ethyl: **Use:** pirimiphos-ethyl  
pirimiphos-methyl: **Use:** pirimiphos-methyl  
Pirimor: **Use:** pirimicarb  
Pivot: **Use:** imazethapyr ammonium salt  
Pix: **Use:** mepiquat chloride  
Planavin: **Use:** nitralin  
Plantvax: **Use:** oxycarboxin  
Plictran: **Use:** cyhexatin  
Plondrel: **Use:** ditalimfos  
PMP: **Use:** phosmet  
Poast: **Use:** sethoxydim  
Podigrol: **Use:** pyrifenoxy  
Polaris: **Use:** glyphosine  
Polo: **Use:** diafenthiuron  
polycarbamate: **Use:** polycarbamate  
polychlorinates of camphene, pinene and related  
terpenes: **Use:** Strobane  
Polycron: **Use:** profenofos  
polymeric zinc propylenebis(dithiocarbamate):  
**Use:** propineb  
Polyoxin D zinc salt: **Use:** polyoxorim zinc salt  
Polyoxin Z: **Use:** polyoxorim zinc salt  
polyoxins: **Use:** polyoxins  
polyoxins (class): **Use:** polyoxins  
polyoxorim zinc salt: **Use:** polyoxorim zinc salt  
polyoxorim-zinc: **Use:** polyoxorim zinc salt  
Polyram: **Use:** metiram  
Pomarsol: **Use:** thiram  
Possee: **Use:** carbosulfan

potassium (1-(4-chlorophenyl)-1,4-dihydro-6-methyl-4-oxo-3-pyridazinecarboxylate): **Use:** fenridazone, potassium salt

potassium 1-(4-chlorophenyl)-1,4-dihydro-6-methyl-4-oxopyridazine-3-carboxylate: **Use:** fenridazone, potassium salt

potassium 2-(4-chlorophenyl)-3-ethyl-2,5-dihydro-5-oxo-4-pyridazinecarboxylate: **Use:** clofencet potassium salt

potassium 4-amino-3,5,6-trichloro-2-pyridinecarboxylate: **Use:** picloram-potassium

potassium 4-amino-3,5,6-trichloropicolinate: **Use:** picloram-potassium

potassium 4-amino-3,5,6-trichloropyridine-2-carboxylate: **Use:** picloram-potassium

potassium antimony tartrate: **Use:** antimony potassium tartrate

potassium arsenite: **Use:** potassium arsenite

potassium azide: **Use:** potassium azide

potassium picloram: **Use:** picloram-potassium

Pounce: **Use:** permethrin

Powmil: **Use:** diethofencarb

PP 001: **Use:** zarilamid

PP 005: **Use:** fluazifop-P butyl ester

PP 321: **Use:** lambda-cyhalothrin

PP 450: **Use:** flutriafol

PP 523: **Use:** hexaconazole

PP 580: **Use:** difenacoum

PP 993: **Use:** tefluthrin

PPG 844: **Use:** lactofen

PPG-847: **Use:** acifluorfen

Pradone: **Use:** dimefuron

prallethrin: **Use:** prallethrin

Pramitol: **Use:** prometon

Prefar: **Use:** bensulide

Prefix: **Use:** chlorthiamid

Preforan: **Use:** fluorodifen

Prefix component: **Use:** ethiolate

Pregard: **Use:** profluralin

Premier: **Use:** flumetralin

Prentox: **Use:** rotenone

Prep: **Use:** ethephon

pretilachlor: **Use:** pretilachlor

Prevex: **Use:** propamocarb hydrochloride

Previcur: **Use:** prothiocarb

Previcur N: **Use:** propamocarb hydrochloride

Primagram: **Use:** metolachlor

Primatol P: **Use:** propazine

Primatol Q: **Use:** prometryn

Primatol S: **Use:** simazine

Prime: **Use:** flumetralin

Primicid: **Use:** pirimiphos-ethyl

primisulfuron-methyl: **Use:** primisulfuron-methyl

Primo: **Use:** trinexapac-ethyl

Princep: **Use:** simazine

Probe: **Use:** methazole

probenazole: **Use:** probenazole

prochloraz: **Use:** prochloraz

Procide: **Use:** hexythiazox

Proclaim: **Use:** emamectin benzoate (salt)

Procure: **Use:** triflumizole

procyazine: **Use:** procyazine

procymidone: **Use:** procymidone

Prodaluminol Double: **Use:** sodium arsenite

prodiamine: **Use:** prodiamine

profenofos: **Use:** profenofos

profluralin: **Use:** profluralin

Prograss: **Use:** ethofumesate

prohexadione: **Use:** prohexadione

Prolan: **Use:** Prolan

Prolate: **Use:** phosmet

promecarb: **Use:** promecarb

Promet: **Use:** furathiocarb

prometon: **Use:** prometon

prometryn: **Use:** prometryn

prometryne: **Use:** prometryn

pronamide: **Use:** pronamide

propachlor: **Use:** propachlor

propafos: **Use:** propaphos

propamocarb hydrochloride: **Use:** propamocarb hydrochloride

propanil: **Use:** propanil

propaphos: **Use:** propaphos

propaquizafop: **Use:** propaquizafop

propargite: **Use:** propargite

propargyl bromide: **Use:** propargyl bromide

propazine: **Use:** propazine

propetamphos: **Use:** propetamphos

propham: **Use:** propham

Prophos: **Use:** ethoprop

propiconazole: **Use:** propiconazole

propineb: **Use:** propineb

propoxur: **Use:** propoxur

propoxycarbazone-sodium: **Use:** propoxycarbazone-sodium (prop)

propoxycarbazone-sodium (prop): **Use:** propoxycarbazone-sodium

propoxylor: **Use:** ethiofencarb

propyl 3-(dimethylamino)propyl)carbamate monohydrochloride: **Use:** propamocarb hydrochloride

propyl 3-(dimethylamino)propyl)carbamate monohydrochloride: **Use:** propamocarb hydrochloride

propylene dichloride: **Use:** dichloropropane

propylene oxide: **Use:** propylene oxide

propynyl bromide: **Use:** propargyl bromide

propyzamide: **Use:** pronamide

prosulfocarb: **Use:** prosulfocarb

prosulfuron: **Use:** prosulfuron

prothidathion : **Use:** prothidathion

prothiocarb: **Use:** prothiocarb

prothiofos: **Use:** prothiofos

prothoate: **Use:** prothoate

Provado: **Use:** imidacloprid

Prowl: **Use:** pendimethalin

proximpham: **Use:** proximpham

Prunit: **Use:** uniconazole

Prunolide: **Use:** dihydro-5-pentyl-2(3H)-furanone

prussic acid: **Use:** hydrogen cyanide

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PT 807 HCl: **Use:** PT 807 HCl  
Pulsan: **Use:** oxadixyl  
Puma: **Use:** fenoxaprop ethyl ester  
Puma Super: **Use:** fenoxaprop-P ethyl ester  
Punch: **Use:** flusilazole  
Purivel: **Use:** metoxuron  
Pursuit: **Use:** imazethapyr ammonium salt  
Pyanchor: **Use:** pyribenzoxim  
Pydrin: **Use:** fenvalerate  
pymetrozine: **Use:** pymetrozine  
pyracarbolid: **Use:** pyracarbolid  
pyraclofos: **Use:** pyraclofos  
pyraclostrobin (prop): **Use:** pyraclostrobin (prop)  
pyraflufen-ethyl: **Use:** pyraflufen-ethyl  
Pyramdron: **Use:** hydramethylnon  
Pyramin: **Use:** pyrazon  
pyran-2,4(3H)-dione, 3-acetyl-6-methyl-, ion(1-), sodium: **Use:** sodium dehydroacetate  
pyrazolynate: **Use:** pyrazolynate  
pyrazon: **Use:** pyrazon  
pyrazophos: **Use:** pyrazophos  
pyrazosulfuron-ethyl: **Use:** pyrazosulfuron-ethyl  
pyrazoxyfen: **Use:** pyrazoxyfen  
pyresmethrin : **Use:** pyresmethrin  
pyrethrins: **Use:** pyrethrins  
pyrethrins (class): **Use:** pyrethrins  
pyribenzoxim: **Use:** pyribenzoxim  
pyributicarb: **Use:** pyributicarb  
pyridaben: **Use:** pyridaben  
pyridafof: **Use:** pyridafof  
pyridalyl: **Use:** pyridalyl  
pyridaphenthion: **Use:** pyridaphenthion  
pyridate: **Use:** pyridate  
pyridate metabolite: **Use:** pyridafof  
pyridatol: **Use:** pyridafof  
pyridine, 2-[3-[2,6-dichloro-4-[(3,3-dichloro-2-propenyl)oxy]phenoxy]propoxy]-5-(trifluoromethyl): **Use:** pyridalyl  
pyridinitril: **Use:** pyridinitril  
pyrifenox: **Use:** pyrifenox  
pyrimethanil: **Use:** pyrimethanil  
pyrimidifen: **Use:** pyrimidifen  
pyrimidinol: **Use:** G-27550  
pyriminobac-methyl: **Use:** pyriminobac-methyl  
pyriproxyfen: **Use:** pyriproxyfen  
pyrithiobac sodium salt: **Use:** pyrithiobac sodium salt  
pyrithiobac-sodium: **Use:** pyrithiobac sodium salt  
pyrophosphoryltetrakisdimethylamide: **Use:** schradan  
pyroquilon: **Use:** pyroquilon  
pyroxyfur: **Use:** pyroxyfur

## Q

Quilan: **Use:** benfluralin  
quinacetol sulfate: **Use:** quinacetol sulfate  
quinalphos: **Use:** quinalphos  
quinalphos-methyl : **Use:** quinalphos-methyl  
quinclorac: **Use:** quinclorac  
quinconazole: **Use:** quinconazole  
quinmerac: **Use:** quinmerac

quinochloramine: **Use:** quinochloramine  
quinomethionate: **Use:** oxythioquinox  
quinoxifen: **Use:** quinoxifen  
quintozone: **Use:** quintozone  
quintozone impurity: **Use:** hexachlorobenzene  
quintozone metabolite: **Use:** pentachlorobenzene  
quintozone metabolite: **Use:** pentachloroaniline  
quintozone metabolite: **Use:** pentachlorophenyl methyl ether  
quintozone metabolite: **Use:** pentachlorophenyl methyl sulfide  
quizalofop ethyl: **Use:** quizalofop ethyl ester  
quizalofop ethyl ester: **Use:** quizalofop ethyl ester  
quizalofop-ethyl: **Use:** quizalofop ethyl ester  
quizalofop-P-ethyl: **Use:** quizalofop-P-ethyl  
quizalofop-P-tefuryl: **Use:** quizalofop-P-tefuryl

## R

R 151993: **Use:** tefluthrin  
R 152450: **Use:** flutriafof  
r-2,c-4,c-6,c-8-tetramethyl-1,3,5,7-tetroxocane: **Use:** metaldehyde  
R-2061: **Use:** pebulate  
R-242: **Use:** Sulphenone  
R-326: **Use:** dipropyl isocinchomeronate  
R154523: **Use:** hexaconazole  
R230310: **Use:** azoxystrobin Z-isomer  
R25788: **Use:** dichlormid  
R41207: **Use:** 3-phenoxybenzoic acid  
Rabcide: **Use:** fthalide  
Rabon: **Use:** Gardona  
Racer: **Use:** flurochloridone  
Radapon: **Use:** dalapon sodium salt  
Ragadan: **Use:** heptenophos  
Rally: **Use:** pymetrozine  
Rally: **Use:** myclobutanil  
Ramrod: **Use:** propachlor  
Rancho: **Use:** mefenacet  
Randex: **Use:** alldiochlor  
Rangado: **Use:** dimethylvinphos  
Raptor: **Use:** imazamox  
Ratak: **Use:** difenacoum  
Raxil: **Use:** tebuconazole  
RE-45601: **Use:** clethodim  
reaction mixture of chlorinated camphenes containing 67-69% chlorine: **Use:** toxaphene  
reaction mixture of O,O-diethyl O-2-ethylthioethyl phosphorothioate and O,O-diethyl S-2-ethylthioethyl phosphorothioate: **Use:** demeton  
reaction product in which the main components are 3-(1-methylbutyl)phenyl methylcarbamate and 3-(1-ethylpropyl)methyl methylcarbamate: **Use:** bufencarb  
Recoil: **Use:** oxadixyl  
Reconox: **Use:** phenothiazine  
refobacin: **Use:** gentamicin sulfate  
Regent: **Use:** fipronil  
Regiment: **Use:** bispyribac-sodium  
Reglone: **Use:** diquat  
Reglox: **Use:** diquat



Regulex: **Use:** gibberellic acid  
 Reldan: **Use:** chlorpyrifos-methyl  
 Release: **Use:** 3-chloro-5-methyl-4-nitro-1H-pyrazole  
 Repper 333: **Use:** dipropyl isocinchomeronate  
 Resistox: **Use:** coumaphos  
 resmethrin: **Use:** resmethrin  
 resmethrin isomer: **Use:** bioresmethrin  
 resmethrin, (1R-cis)-: **Use:** cismethrin  
 Resource: **Use:** flumiclorac pentyl ester  
 Retard: **Use:** maleic hydrazide  
 RH-0007: **Use:** fenridazone, potassium salt  
 RH-0345: **Use:** halofenozide  
 RH-0898: **Use:** isoxapyrifop  
 RH-117281: **Use:** zoxamide  
 RH-2485: **Use:** methoxyfenozide  
 RH-2512: **Use:** nitrofluorfen  
 RH-315: **Use:** pronamide  
 RH-3866: **Use:** myclobutanil  
 RH-5992: **Use:** tebufenozide  
 RH-7592: **Use:** fenbuconazole  
 RH-7988: **Use:** triazumate  
 Rhothane: **Use:** TDE, p,p'-  
 Ridomil: **Use:** metalaxyl  
 Rifle: **Use:** primisulfuron-methyl  
 Rigidin: **Use:** fenarimol  
 Rilof: **Use:** piperophos  
 Rimidin: **Use:** fenarimol  
 rimsulfuron: **Use:** rimsulfuron  
 Ripcord: **Use:** cypermethrin  
 Ripost: **Use:** oxadixyl  
 Risoter: **Use:** quinacetol sulfate  
 Rizolex: **Use:** tolclofos-methyl  
 RO 13-5223: **Use:** fenoxycarb  
 RO 15-1297: **Use:** pyrifenox  
 RO 17-3664: **Use:** propaquizafop  
 Ro-neet: **Use:** cycloate  
 RO12-3049: **Use:** fenpropidin  
 Rody: **Use:** fenpropathrin  
 Rogor: **Use:** dimethoate  
 Rogue: **Use:** propanil  
 Ronilan: **Use:** vinclozolin  
 ronnel: **Use:** ronnel  
 Ronstar: **Use:** oxadiazon  
 Rootone: **Use:** naphthaleneacetamide  
 Rospin: **Use:** chloropropylate  
 Rospine: **Use:** chloropropylate  
 rotenone: **Use:** rotenone  
 Roundup: **Use:** glyphosate  
 Rovral: **Use:** iprodione  
 Roxion: **Use:** dimethoate  
 RP-020630: **Use:** oxadiargyl  
 RP-17623: **Use:** oxadiazon  
 RP-32545: **Use:** fosetyl-Al  
 RPA 107382: **Use:** ethiprole  
 RPA 201735: **Use:** isoxachlortole  
 RPA 201772: **Use:** isoxaflutole  
 RPA 407213: **Use:** fenamidone  
 RPA-090946: **Use:** cyclanilide

RU 38702: **Use:** acrinathrin  
 Ruban: **Use:** bensultap  
 Rubigan: **Use:** fenarimol  
 Ruelene: **Use:** crufomate  
 Rufast: **Use:** acrinathrin  
 Rugby: **Use:** cadusafos  
 Ryzelan: **Use:** oryzalin  
 Ryzup: **Use:** gibberellic acid

## S

S 23121: **Use:** flumipropyn  
 S 53482: **Use:** flumioxazin  
 S,S'-(1,4-dioxane-2,3-diyl) O,O,O',O'-tetraethyl bis(phosphorodithioate): **Use:** dioxathion  
 S,S'-(2-(dimethylamino)-1,3-propanediyl carbamothioate hydrochloride): **Use:** cartap hydrochloride  
 S,S'-(2-(dimethylamino)-1,3-propanediyl) bis(benzenesulfonothioate): **Use:** bensultap  
 S,S'-1,4-dioxane-2,3-diyl O,O,O',O'-tetraethyl phosphorodithioate: **Use:** dioxathion  
 S,S'-2-dimethylaminotrimethylene di(benzenethiosulfonate): **Use:** bensultap  
 S,S'-dimethyl (2-difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-3,5-pyridinedicarbothioate: **Use:** dithiopyr  
 S,S'-dimethyl 2-difluoromethyl-4-isobutyl-6-trifluoromethylpyridine-3,5-dicarbothioate: **Use:** dithiopyr  
 S,S,S-tributyl phosphorotrithioate: **Use:** tribufos  
 S,S,S-tributyl phosphorotrithioate: **Use:** merphos  
 S,S-(6-methylquinoxaline-2,3-diyl) dithiocarbonate: **Use:** oxythioquinox  
 S,S-di-sec-butyl O-ethyl phosphorodithioate: **Use:** cadusafos  
 S,S-methylene O,O,O',O'-tetraethyl phosphorodithioate: **Use:** ethion  
 S-(((1,1-dimethylethyl)thio)methyl) O,O-diethyl phosphorodithioate: **Use:** terbufos  
 S-(((2-chlorophenyl)(1-oxybutyl)amino)methyl) O,O-dimethyl phosphorodithioate: **Use:** fosmethilan  
 S-(((4-chlorophenyl)thio)methyl) O,O-diethyl phosphorodithioate: **Use:** carbophenothion  
 S-((1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)methyl) O,O-dimethyl phosphorodithioate: **Use:** phosmet  
 S-((2-chlorophenyl)methyl) diethylcarbamothioate: **Use:** orbencarb  
 S-((4-chlorophenyl)methyl) diethylcarbamothioate: **Use:** thiobencarb  
 S-((5-methoxy-2-oxo-1,3,4-thiadiazol-3(2H)-yl)methyl) O,O-dimethyl phosphorodithioate: **Use:** methidathion  
 S-((6-chloro-2-oxo-3(2H)-benzoxazolyl)methyl) O,O-diethyl phosphorodithioate: **Use:** phosalone  
 S-(1-methyl-1-phenylethyl)-1-piperidinecarbothioate: **Use:** dimepiperate  
 S-(2,3,3-trichloro-2-propenyl) bis(1-methylethyl)= carbamothioate: **Use:** tri-allate  
 S-(2,3-dichloro-2-propenyl) bis(1-methylethyl)= carbamothioate: **Use:** di-allate  
 S-(2,3-dihydro-5-isopropoxy-2-oxo-1,3,4-thiadiazol-3-yl)methyl) O,O-diethyl phosphorodithioate: **Use:** prothidathion



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- S-(2-((4-chlorophenyl)(1-methylethylamino)2-oxoethyl) O,O-dimethyl phosphorodithioate: **Use:** anilofos
- S-(2-(2-methyl-1-piperidinyl)-2-oxoethyl) O,O-dipropyl phosphorodithioate: **Use:** piperophos
- S-(2-(ethylsulfinyl)1-methylethyl) O,O-dimethyl phosphorothioate: **Use:** oxydeprofos
- S-(2-(ethylsulfinyl)ethyl) O,O-dimethyl phosphorothioate: **Use:** oxydemeton-methyl
- S-(2-(ethylsulfonyl)ethyl) O,O-dimethyl phosphorothioate: **Use:** oxydemeton-methyl sulfone
- S-(2-(ethylthio)ethyl) O,O-dimethyl phosphorodithioate: **Use:** thiometon
- S-(2-(ethylthio)ethyl) O,O-dimethyl phosphorothioate: **Use:** metasystox thiol
- S-(2-chloro-1-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)ethyl) O,O-diethyl phosphorothiodioate: **Use:** dialifor
- S-(2-formylmethylamino)-2-oxoethyl) O,O-dimethyl phosphorodithioate: **Use:** formothion
- S-(3,4-dihydro-4-oxobenzo[d]-[1,2,3]-triazin-3-ylmethyl) O,O-diethyl phosphorodithioate: **Use:** azinphos-ethyl
- S-(3,4-dihydro-4-oxobenzo[d]-[1,2,3]-triazin-3-ylmethyl) O,O-dimethyl phosphorodithioate: **Use:** azinphos-methyl
- S-(4-phenoxybutyl) dimethylcarbamothioate: **Use:** fenothiocarb
- S-(6-chloro-3-(mercaptomethyl)-2-benzoxazolinone)= O,O-diethyl phosphorodithioate: **Use:** phosalone
- S-(chloromethyl) O,O-diethyl phosphorodithioate: **Use:** chlormephos
- S-(chloromethyl) phosphorodithioic acid O,O-diethyl ester: **Use:** chlormephos
- S-(N-ethoxycarbonyl-N-methylcarbamoylmethyl) O,O-diethyl phosphorodithioate: **Use:** mecarbam
- S-(O,O-diisopropyl phosphorodithioate) of N-(2-mercaptoethyl) benzenesulfonamide: **Use:** bensulide
- S-(phenylmethyl) (1,2-dimethylpropyl)ethyl= carbamothioate: **Use:** esprocarb
- S-(phenylmethyl) (1,2-dimethylpropyl)ethylthio= carbamate: **Use:** esprocarb
- S-(phenylmethyl)dipropylcarbamothioate: **Use:** prosulfocarb
- S-0208: **Use:** oxolinic acid
- S-1,2-bis(ethoxycarbonyl)ethyl O,O-dimethyl phosphorodithioate: **Use:** malathion
- S-1-methyl-1-phenylethyl piperidine-1-carbothioate: **Use:** dimepiperate
- S-2,3,3-trichloroallyl di-isopropylthiocarbamate: **Use:** tri-allate
- S-2,3-dichloroallyl di-isopropyl(thiocarbamate): **Use:** di-allate
- S-2,3-dichloroallyl diisopropylthiocarbamate: **Use:** di-allate
- S-2,3-dihydro-5-isopropoxy-2-oxo-1,3,4-thiadiazol-3-ylmethyl O,O-diethyl phosphorodithioate: **Use:** prothidathion
- S-2,3-dihydro-5-methoxy-2-oxo-1,3,4-thiadiazol-3-ylmethyl O,O-dimethyl phosphorodithioate: **Use:** methidathion
- S-2-chloro-1-phthalimidoethyl O,O-diethyl phosphorodithioate: **Use:** dialifor
- S-2-chlorobenzyl diethyl(thiocarbamate): **Use:** orbencarb
- S-2-ethylsulfinyl-1-methylethyl O,O-dimethyl phosphorothioate: **Use:** oxydeprofos
- S-2-ethylsulfinylethyl O,O-dimethyl phosphorothioate: **Use:** oxydemeton-methyl
- S-2-ethylsulfonylethyl O,O-dimethyl phosphorothioate: **Use:** oxydemeton-methyl sulfone
- S-2-ethylsulphonylethyl O,O-dimethyl phosphorothioate: **Use:** oxydemeton-methyl sulfone
- S-2-ethylthioethyl O,O-dimethyl phosphorodithioate: **Use:** thiometon
- S-2-ethylthioethyl O,O-dimethyl phosphorothioate: **Use:** metasystox thiol
- S-2-methylpiperidinocarbonylmethyl O,O-dipropyl phosphorodithioate: **Use:** piperophos
- S-23031: **Use:** flumiclorac pentyl ester
- S-23121: **Use:** flumipropyn
- S-2539: **Use:** phenothrin
- S-2900: **Use:** diclocymet
- S-31183: **Use:** pyriproxyfen
- S-3349: **Use:** tolclofos-methyl
- S-4-chloro-N-isopropylcarbaniloylmethyl O,O-dimethyl phosphorodithioate: **Use:** anilofos
- S-4-chlorobenzyl diethyl(thiocarbamate): **Use:** thiobencarb
- S-4-chlorophenylthiomethyl O,O-diethyl phosphorodithioate: **Use:** carbophenothion
- S-4-methylsulfonyloxyphenyl methylthiocarbamate: **Use:** methasulfocarb
- S-4-phenoxybutyl dimethylthiocarbamate: **Use:** fenothiocarb
- S-41311: **Use:** imiprothrin
- S-5-ethoxy-2,3-dihydro-2-oxo-1,3,4-thiadiazol-3-ylmethyl O,O-dimethyl phosphorodithioate: **Use:** lythidathion
- S-53482: **Use:** flumioxazin
- S-6-chloro-2,3-dihydro-2-oxobenzoxazol-3-ylmethyl O,O-diethyl phosphorodithioate: **Use:** phosalone
- S-7131: **Use:** procymidone
- S-82658: **Use:** furametpyr
- S-9318: **Use:** pyriproxyfen
- S- $\alpha$ -ethoxycarbonylbenzyl O,O-dimethyl phosphorodithioate: **Use:** phenthoate
- S-benzyl 1,2-dimethylpropyl(ethyl)thiocarbamate: **Use:** esprocarb
- S-benzyl di-sec-butylthiocarbamate: **Use:** tiocarbazil
- S-benzyl dipropylthiocarbamate: **Use:** prosulfocarb
- S-benzyl O,O-di-isopropyl phosphorothioate: **Use:** iprobenfos
- S-bioallethrin: **Use:** S-bioallethrin
- S-chloromethyl O,O-diethyl phosphorodithioate: **Use:** chlormephos
- S-chloromethyl O,O-diethyl phosphorothiolothionate: **Use:** chlormephos
- S-ethyl (3-(dimethylamino)propyl)carbamothioate monohydrochloride: **Use:** prothiocarb
- S-ethyl (3-dimethylaminopropyl)thiocarbamate: **Use:** prothiocarb
- S-ethyl azepane-1-carbothioate : **Use:** molinate
- S-ethyl bis(2-methylpropyl)carbamothioate: **Use:** butylate
- S-ethyl cyclohexyl(ethyl)thiocarbamate: **Use:** cycloate
- S-ethyl cyclohexylethylcarbamothioate: **Use:** cycloate
- S-ethyl cyclohexylethylthiocarbamate: **Use:** cycloate

S-ethyl di-isobutylthiocarbamate: **Use:** butylate  
 S-ethyl diethylcarbamothioate: **Use:** ethiolate  
 S-ethyl diethylthiocarbamate: **Use:** ethiolate  
 S-ethyl diisobutylthiocarbamate: **Use:** butylate  
 S-ethyl dipropylcarbamothioate: **Use:** EPTC  
 S-ethyl dipropylthiocarbamate: **Use:** EPTC  
 S-ethyl hexahydro-1H-azepine-1-carbothioate:  
**Use:** molinate  
 S-ethyl perhydroazepin-1-carbothioate: **Use:** molinate  
 S-ethyl perhydroazepine-1-thiocarboxylate:  
**Use:** molinate  
 S-methyl 1,2,3-benzothiadiazole-7-carbothioate:  
**Use:** acibenzolar-S-methyl  
 S-methyl N-(methylcarbamoyloxy)thioacetimidate:  
**Use:** methomyl  
 S-metolachlor: **Use:** S-metolachlor  
 S-propyl butyl(ethyl)thiocarbamate: **Use:** pebulate  
 S-propyl butylethylcarbamothioate: **Use:** pebulate  
 S-propyl butylethylthiocarbamate: **Use:** pebulate  
 S-propyl dipropylcarbamothioate: **Use:** vernolate  
 S-propyl dipropylthiocarbamate: **Use:** vernolate  
 S-sec-butyl O-ethyl 2-oxo-1,3-thiazolidin-3-  
 ylphosphonothioate, (RS)- : **Use:** fosphiazate  
 S-tert-butylthiomethyl O,O-diethyl phosphorodithioate:  
**Use:** terbufos  
 S-[(5-ethoxy-2-oxo-1,3,4-thiadiazol-3(2H)-yl)methyl]  
 O,O-dimethyl phosphorodithioate: **Use:** lythidathion  
 S-[4-[(methylsulfonyl)oxy]phenyl]  
 methylcarbamothioate: **Use:** methasulfocarb  
 S-[formyl(methyl)carbamoylmethyl] O,O-dimethyl  
 phosphorodithioate: **Use:** formothion  
 S-[N-(2-chlorophenyl)butyramidomethyl] O,O-dimethyl  
 phosphorodithioate: **Use:** fosmethilan  
 Saber: **Use:** cyhalothrin  
 Safrotin: **Use:** propetamphos  
 Salithion: **Use:** dioxabenzofos  
 SAN 155: **Use:** thiocyclam-hydrogen oxalate  
 SAN 371F: **Use:** oxadixyl  
 SAN 619 F: **Use:** cyproconazole  
 SAN-582H: **Use:** dimethenamid  
 SAN-835H: **Use:** diflufenzopyr  
 Sanbird: **Use:** pyrazolynate  
 Sancap: **Use:** dipropetryn  
 Sandofan: **Use:** oxadixyl  
 Santoquin: **Use:** ethoxyquin  
 Saprol: **Use:** triforine  
 SAS 9244: **Use:** triazoxide  
 Satisfar: **Use:** etrimfos  
 Saturn: **Use:** thiobencarb  
 Savey: **Use:** hexythiazox  
 SC 2053: **Use:** sintofen  
 SC-0574: **Use:** prosulfocarb  
 SC-2957: **Use:** esprocarb  
 SC0051: **Use:** sulcotrione  
 Scepter: **Use:** imazaquin  
 schradan: **Use:** schradan  
 Score: **Use:** difenoconazole  
 Scout: **Use:** tralomethrin  
 Screen: **Use:** pyridate  
 Screen: **Use:** flurazole

SD 11831: **Use:** nitralin  
 SD 14114: **Use:** fenbutatin oxide  
 SD 15418: **Use:** cyanazine  
 SD 43775: **Use:** fenvalerate  
 SD 7859: **Use:** chlorfenvinphos  
 SD 8447: **Use:** Gardona  
 SD 8530: **Use:** trimethacarb  
 SD-95481: **Use:** cinmethylin  
 SD35651: **Use:** nithiazine  
 SDMDTC: **Use:** sodium dimethyldithiocarbamate  
 sec-butylamine: **Use:** sec-butylamine  
 secbumeton: **Use:** secbumeton  
 Sector: **Use:** butralin  
 Selecron: **Use:** profenofos  
 Select: **Use:** clethodim  
 Semeron: **Use:** desmetryn  
 Sencor: **Use:** metribuzin  
 Sencor, deaminated diketo metabolite:  
**Use:** metribuzin, deaminated diketo metabolite  
 Sencor, deaminated metabolite: **Use:** metribuzin,  
 deaminated metabolite  
 Sencor, diketo metabolite: **Use:** metribuzin, diketo  
 metabolite  
 septopal: **Use:** gentamicin sulfate  
 Serinal: **Use:** chlozolate  
 Seritard: **Use:** inabenfide  
 SES: **Use:** disul-Na  
 sesamex: **Use:** sesamex  
 sesone: **Use:** disul-Na  
 sethodydim: **Use:** sethoxydim  
 sethoxdim: **Use:** sethoxydim  
 sethoxydim: **Use:** sethoxydim  
 Sevin: **Use:** carbaryl  
 Shibagen: **Use:** flazasulfuron  
 Shiragen: **Use:** tecloftalam  
 Shogun: **Use:** propaquizafop  
 Showrone: **Use:** daimuron  
 Sicarol: **Use:** pyracarbolid  
 siduron: **Use:** siduron  
 silafluofen: **Use:** silafluofen  
 Silaid: **Use:** Silaid  
 Silosan: **Use:** pirimiphos-methyl  
 silvex: **Use:** silvex  
 simazine: **Use:** simazine  
 simetryn: **Use:** simetryn  
 Sinbar: **Use:** terbacil  
 Sinox: **Use:** DNOC  
 sintofen: **Use:** sintofen  
 Sipcam: **Use:** hexythiazox  
 Sirius: **Use:** pyrazosulfuron-ethyl  
 SK 80: **Use:** cypermethrin, theta-  
 SL-160: **Use:** chlorfluazuron  
 SL-950: **Use:** nicosulfuron  
 SLA 3992: **Use:** nipyraclufen  
 SMDC: **Use:** metam-sodium  
 Smite: **Use:** sodium azide  
 SN 100309: **Use:** pyrimethanil  
 SN 78314: **Use:** cyprofuram  
 Sodar: **Use:** DSMA

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- sodium (1,1'-biphenyl)-2-ol: **Use:** sodium o-phenylphenate
- sodium (4-(dimethylamino)phenyl)diazenesulfonate: **Use:** fenaminosulf
- sodium (E)-(RS)-3-[1-(allyloxyimino)butyl]-4-hydroxy-6,6-dimethyl-2-oxocyclohex-3-enecarboxylate: **Use:** alloxym-sodium
- sodium 2,2,3,3-tetrafluoropropanoate: **Use:** tetrapion
- sodium 2,2,3,3-tetrafluoropropionate: **Use:** tetrapion
- sodium 2,2-dichloropropanoate: **Use:** dalapon sodium salt
- sodium 2,2-dichloropropionate: **Use:** dalapon sodium salt
- sodium 2,2-dimethyl-4,6-dioxo-5-(1-((2-propenyloxy)imino)butyl)cyclohexanecarboxylate ion(1-): **Use:** alloxym-sodium
- sodium 2,6-bis(4,6-dimethoxypyrimidin-2-yloxy)benzoate: **Use:** bispyribac-sodium
- sodium 2,6-bis(4,6-dimethoxy-2-pyrimidinyl)oxy]benzoate: **Use:** bispyribac-sodium
- sodium 2-(2,4-dichlorophenoxy)ethanyl hydrogen sulfate: **Use:** disul-Na
- sodium 2-chloro-6-((4,6-dimethoxy-2-pyrimidinyl)=thio)benzoate: **Use:** pyriithiobac sodium salt
- sodium 2-chloro-6-(4,6-dimethoxypyrimidin-2-ylthio)benzoate: **Use:** pyriithiobac sodium salt
- sodium 2-methoxy-5-nitrophenol: **Use:** Atonik G
- sodium 2-methoxy-5-nitrophenoxide: **Use:** Atonik G
- sodium 3-acetyl-6-methyl-2H-pyran-2,4(3H)-dione: **Use:** sodium dehydroacetate
- sodium 3-acetyl-6-methyl-2H-pyran-2,4(3H)-dione ion (1-): **Use:** sodium dehydroacetate
- sodium 4,5-dihydro-3-methoxy-4-methyl-5-oxo-N-((2-(trifluoromethoxy)phenyl)sulfonyl)-1H-1,2,4-triazole-1-carboxamide: **Use:** flucarbazone sodium salt
- sodium 4-dimethylaminobenzenediazosulfonate: **Use:** fenaminosulf
- sodium 5-(2-chloro-4-(trifluoromethyl)phenoxy)-2-nitrobenzoate: **Use:** acifluorfen sodium
- sodium 5-(2-chloro-4-(trifluoromethyl)phenoxy)-N-(methylsulfonyl)-2-nitrobenzamide: **Use:** sodium salt of fomesafen
- sodium 5-(2-chloro- $\alpha,\alpha,\alpha$ -trifluoro-p-tolyloxy)-N-mesyl-2-nitrobenzamide: **Use:** sodium salt of fomesafen
- sodium 5-(2-chloro- $\alpha,\alpha,\alpha$ -trifluoro-p-tolyloxy)-N-methylsulfonyl-2-nitrobenzamide: **Use:** sodium salt of fomesafen
- sodium 5-nitroguaiacolate: **Use:** Atonik G
- sodium aluminum fluoride: **Use:** cryolite
- sodium arsenate: **Use:** disodium arsenate
- sodium arsenate: **Use:** trisodium arsenate
- Sodium arsenate (AsH3O4.xNa): **Use:** monosodium arsenate
- sodium arsenate dibasic: **Use:** disodium arsenate
- sodium arsenic oxide: **Use:** sodium arsenite
- sodium arsenite: **Use:** sodium arsenite
- sodium azide: **Use:** sodium azide
- sodium dehydroacetate: **Use:** sodium dehydroacetate
- sodium dimethylcarbamodithioate: **Use:** sodium dimethyldithiocarbamate
- sodium dimethyldithiocarbamate: **Use:** sodium dimethyldithiocarbamate
- sodium dioxoarsenate: **Use:** sodium arsenite
- sodium hydrogen methylarsonate: **Use:** MSMA
- sodium metaarsenate: **Use:** monosodium arsenate
- sodium methylcarbamodithioate: **Use:** metam-sodium
- sodium N,N-dimethyldithiocarbamate: **Use:** sodium dimethyldithiocarbamate
- sodium N-(2-trifluoromethoxyphenylsulfonyl)-4,5-dihydro-3-methoxy-4-methyl-5-oxo-1H-1,2,4-triazole-1-carboxamide: **Use:** flucarbazone sodium salt
- sodium o-phenylphenate: **Use:** sodium o-phenylphenate
- sodium ortho arsenite: **Use:** sodium arsenite
- sodium orthoarsenate: **Use:** disodium arsenate
- sodium orthophenylphenoxide: **Use:** sodium o-phenylphenate
- sodium salt of acifluorfen: **Use:** acifluorfen sodium
- sodium salt of fomesafen: **Use:** sodium salt of fomesafen
- sodium trichloroacetate: **Use:** TCA-sodium
- Sofac: **Use:** cyfluthrin
- Solgard: **Use:** pirimiphos-ethyl
- Solicam: **Use:** norflurazon
- Sonalan: **Use:** ethalfluralin
- Sonar X: **Use:** fluridone
- Sonax: **Use:** etaconazole
- Souframmine: **Use:** phenothiazine
- Spartan: **Use:** sulfentrazone
- Sparticide: **Use:** fluoroimide
- Spat: **Use:** fluoroimide
- Spectracide: **Use:** diazinon
- Spike: **Use:** tebuthiuron
- spinosad: **Use:** spinosad
- spiroxamine: **Use:** spiroxamine
- Splendor: **Use:** tralkoxydim
- Sportak: **Use:** prochloraz
- Spot Kleen: **Use:** thiophanate-methyl
- Spotless: **Use:** diniconazole
- SSF-126: **Use:** metominostrobin
- ST9551: **Use:** pyridate
- Stacker: **Use:** methylmymron
- Stalker: **Use:** chlorfenapyr
- Stam F-34: **Use:** propanil
- Standak: **Use:** aldoxycarb
- Staple: **Use:** pyriithiobac sodium salt
- Starlet: **Use:** pyraclofos
- Starner: **Use:** oxolinic acid
- Ster-Zac: **Use:** cloxifenolium
- Stinger: **Use:** clopyralid
- stirofos: **Use:** Gardona
- Stomp: **Use:** pendimethalin
- Stop-scald: **Use:** ethoxyquin
- STOPIT: **Use:** polyoxorim zinc salt
- Stratos: **Use:** cycloxydim
- streptomycin: **Use:** streptomycin
- Strobane: **Use:** Strobane
- Stroby: **Use:** kresoxim-methyl
- Strongarm: **Use:** diclosulam
- SU-8801: **Use:** pyrimidifen
- Subdue: **Use:** metalaxyl

Success: **Use:** spinosad  
 Suffix: **Use:** benzoylprop-ethyl  
 Suffix BW: **Use:** flamprop-isopropyl  
 sulcotrione: **Use:** sulcotrione  
 sulfallate: **Use:** sulfallate  
 sulfamoyl chloride: **Use:** chlorosulfamic acid  
 sulfentrazone: **Use:** sulfentrazone  
 sulfocarb: **Use:** aldoxycarb  
 sulfometuron methyl ester: **Use:** sulfometuron methyl ester  
 sulfometuron-methyl: **Use:** sulfometuron methyl ester  
 sulfonium, trimethyl-salt with N-(phosphonomethyl)-glycine (1:1): **Use:** glyphosate-trimethylsulfonium  
 sulfosate: **Use:** glyphosate-trimethylsulfonium  
 sulfosulfuron: **Use:** sulfosulfuron  
 sulfotep: **Use:** sulfotep  
 sulfotepp: **Use:** sulfotepp  
 sulfur: **Use:** sulphur  
 sulfur dioxide: **Use:** sulfur dioxide  
 sulfur, micronized: **Use:** sulphur  
 sulfurated lime solution: **Use:** sulfurated lime solution  
 sulfurous anhydride: **Use:** sulfur dioxide  
 sulfurous oxide: **Use:** sulfur dioxide  
 sulfuryl fluoride: **Use:** sulfuryl fluoride  
 sulmycin: **Use:** gentamicin sulfate  
 Sulphenone: **Use:** Sulphenone  
 sulphur: **Use:** sulphur  
 sulprofos: **Use:** sulprofos  
 Sumagic: **Use:** uniconazole  
 Sumi 8: **Use:** diniconazole  
 Sumi-alpha: **Use:** esfenvalerate  
 Sumicidin: **Use:** fenvalerate  
 Sumiherb: **Use:** bromobutide  
 Sumilarv: **Use:** pyriproxyfen  
 Sumilex: **Use:** procymidone  
 Sumisclex: **Use:** procymidone  
 Sumisoya: **Use:** flumioxazin  
 Sumithion: **Use:** fenitrothion  
 Sumithrin: **Use:** phenothrin  
 Sumitol: **Use:** sebumeton  
 Summit: **Use:** triadimenol  
 Suncide: **Use:** propoxur  
 Super Blazer: **Use:** fluoroglycofen ethyl ester  
 Super-caid: **Use:** bromadiolone  
 Super-Suffix: **Use:** flamprop-methyl  
 Supermethrin: **Use:** cypermethrin  
 Supona: **Use:** chlorfenvinphos  
 Supracide: **Use:** methidathion  
 Surecide: **Use:** cyanofenphos  
 Surflan: **Use:** oryzalin  
 Sutan: **Use:** butylate  
 sweeney's ant-go: **Use:** monosodium arsenate  
 Sweep: **Use:** chlorothalonil  
 symclosen: **Use:** trichloroisocyanuric acid  
 symclosene: **Use:** trichloroisocyanuric acid  
 Synthrin: **Use:** resmethrin  
 system: **Use:** schradan  
 Systhane: **Use:** myclobutanil  
 Systox: **Use:** demeton

Systox thiol: **Use:** demeton-S  
 Systox thiono: **Use:** demeton-O  
 S-2,3,3-trichloroallyl diisopropylthiocarbamate:  
**Use:** tri-allate

## T

Tachigaren: **Use:** hymexazol  
 Taifen: **Use:** propineb  
 Tairel: **Use:** benalaxyl  
 Takeoff: **Use:** imazosulfuron  
 Talent: **Use:** carvone  
 Talstar: **Use:** bifenthrin  
 Tamaron: **Use:** methamidophos  
 Taredan: **Use:** cadusafos  
 tartar emetic: **Use:** antimony potassium tartrate  
 TBZ: **Use:** thiabendazole  
 TCA: **Use:** TCA  
 TCA-sodium: **Use:** TCA-sodium  
 TCBC: **Use:** trichlorobenzyl chloride  
 TCMTB: **Use:** TCMTB  
 TCNB: **Use:** tecnazene  
 TCPSA: **Use:** TCPSA  
 TDE: **Use:** TDE, p,p'-  
 TDE, o,p'-: **Use:** TDE, o,p'-  
 TDE, p,p'-: **Use:** TDE, p,p'-  
 tebuconazole: **Use:** tebuconazole  
 tebufenozide: **Use:** tebufenozide  
 tebufenpyrad: **Use:** tebufenpyrad  
 Tebulan: **Use:** fenarimol  
 tebupirimfos: **Use:** tebupirimfos  
 tebusan: **Use:** tebuthiuron  
 tebutam: **Use:** butam  
 tebuthiuron: **Use:** tebuthiuron  
 tecloftalam: **Use:** tecloftalam  
 tecnazene: **Use:** tecnazene  
 tecnazene metabolite: **Use:** 2,3,5,6-tetrachloroanisole  
 tecnazene metabolite: **Use:** 2,3,5,6-tetrachloroanisidine  
 tecnazene metabolite: **Use:** tetrachlorothioanisole  
 tecnazene metabolite: **Use:** 2,3,5,6-tetrachloroaniline  
 Tedion: **Use:** tetradifon  
 teflubenzuron: **Use:** teflubenzuron  
 tefluron: **Use:** teflubenzuron  
 tefluthrin: **Use:** tefluthrin  
 Telone: **Use:** 1,3-dichloropropene  
 Telvar: **Use:** monuron  
 temefos: **Use:** temephos  
 temephos: **Use:** temephos  
 Temik: **Use:** aldicarb  
 Temik sulfone: **Use:** aldoxycarb  
 Tempo: **Use:** cyfluthrin  
 Tenoran: **Use:** chloroxuron  
 TEPP: **Use:** TEPP  
 tepraloxdim: **Use:** tepraloxdim  
 terallethrin : **Use:** terallethrin  
 terbacil: **Use:** terbacil  
 terbucarb: **Use:** terbucarb  
 terbufos: **Use:** terbufos  
 terbumeton: **Use:** terbumeton  
 terbuthylazine: **Use:** terbuthylazine



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Terbutol: **Use:** terbucarb  
terbutryn: **Use:** terbutryn  
terbutryne: **Use:** terbutryn  
Teridox: **Use:** dimethachlor  
Termil: **Use:** chlorothalonil  
terpene polychlorinates: **Use:** Strobane  
Terraclor: **Use:** quintozene  
Terracur P: **Use:** fensulfothion  
terramitsin: **Use:** flurecol n-butyl ester  
Terramycin: **Use:** flurecol n-butyl ester  
Terrazole: **Use:** etridiazole  
Terro Ant Killer: **Use:** monosodium arsenate  
Tersan: **Use:** thiram  
Tersan SP: **Use:** chloroneb  
tert-butyl (E)- $\alpha$ -(1,3-dimethyl-5-phenoxy-pyrazol-4-ylmethyleneamino-oxy)-p-toluate:  
**Use:** fenpyroximate  
tert-butyl (E)- $\alpha$ -(1,3-dimethyl-5-phenoxy-pyrazol-4-ylmethyleneamino-oxy)- $\rho$ -toluate:  
**Use:** fenpyroximate  
tetrachloroisophthalonitrile: **Use:** chlorothalonil  
tetrachloromethane: **Use:** carbon tetrachloride  
tetrachloronitrobenzene: **Use:** tecnazene  
tetrachlorothioanisole: **Use:** tetrachlorothioanisole  
tetrachlorvinphos: **Use:** Gardona  
tetraconazole: **Use:** tetraconazole  
tetradichlone: **Use:** tetradifon  
tetradifon: **Use:** tetradifon  
tetraethyl diphosphate: **Use:** TEPP  
tetraethyl pyrophosphate: **Use:** TEPP  
tetraethyl thiodiphosphate: **Use:** sulfotep  
tetrafidon: **Use:** tetradifon  
tetrahydro-2-(nitromethylene)-2H-1,3-thiazine:  
**Use:** nithiazine  
tetrahydro-3,5-dimethyl-1,3,5-thiadiazine-2-thione:  
**Use:** dazomet  
tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione:  
**Use:** dazomet  
tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone (3-(4-(trifluoromethyl)phenyl)-1-(2-(4-(trifluoromethyl)phenyl)ethenyl)-2-propenylidene hydrazine):  
**Use:** hydramethylnon  
tetraiodoethene: **Use:** tetraiodoethylene  
tetraiodoethylene: **Use:** tetraiodoethylene  
tetrakisdimethylaminophosphonous anhydride:  
**Use:** schradan  
tetramethrin: **Use:** tetramethrin  
tetramethylazidophosphonic diamide: **Use:** mazidox  
tetramethylphosphorodiamidic azide: **Use:** mazidox  
tetramethylphosphorodiamidic fluoride: **Use:** dimefox  
tetramethylphosphorodiamidic fluoride : **Use:** dimefox  
tetramethylthioperoxydicarbonic diamide: **Use:** thiram  
tetramethylthiuram disulfide : **Use:** thiram  
tetrapion: **Use:** tetrapion  
TetraSan: **Use:** etoxazole  
tetrasul: **Use:** tetrasul  
tetrasul sulfoxide: **Use:** tetrasul sulfoxide  
tetrathiin: **Use:** dimethipin  
Tetron: **Use:** TEPP  
TF-164: **Use:** ferimzone  
TH-913: **Use:** imazosulfuron  
thienylchlor: **Use:** thienylchlor  
thiabendazole: **Use:** thiabendazole  
thiacloprid: **Use:** thiacloprid  
thiadiazin: **Use:** milneb  
thiadiazine: **Use:** milneb  
thiamethoxam: **Use:** thiamethoxam  
thiamethoxam metabolite: **Use:** clothianidin  
thiazopyr: **Use:** thiazopyr  
thicyofen: **Use:** thicyofen  
thidiazimin: **Use:** thidiazimin  
thidiazuron: **Use:** thidiazuron  
thifensulfuron methyl ester: **Use:** thifensulfuron methyl ester  
thifensulfuron-methyl: **Use:** thifensulfuron methyl ester  
thifluzamide: **Use:** thifluzamide  
Thimet: **Use:** phorate  
thiobencarb: **Use:** thiobencarb  
thiocyclam-hydrogen oxalate: **Use:** thiocyclam-hydrogen oxalate  
Thiodan: **Use:** endosulfan  
Thiodan I: **Use:** endosulfan I  
Thiodan II: **Use:** endosulfan II  
Thiodan sulfate: **Use:** endosulfan sulfate  
Thiodan, alpha-: **Use:** endosulfan I  
thiodemeton: **Use:** disulfoton  
thiodicarb: **Use:** thiodicarb  
thiodicarb metabolite: **Use:** methomyl  
thiodiphenylamine: **Use:** phenothiazine  
thiofanocarb: **Use:** thiofanox  
thiofanox: **Use:** thiofanox  
thiometon: **Use:** thiometon  
thiometon-ethyl: **Use:** disulfoton  
thionazin: **Use:** thionazin  
Thionex, beta-: **Use:** endosulfan I  
thioperoxydicarbonic acid (((HO)C(S))<sub>2</sub>S<sub>2</sub>) dimethyl ester: **Use:** dimexano  
thiophanate: **Use:** thiophanate  
thiophanate-methyl: **Use:** thiophanate-methyl  
thiophanate-methyl metabolite:  
**Use:** 2-aminobenzimidazole  
thiophanate-methyl metabolite: **Use:** carbendazim  
thiophanate-methyl metabolite: **Use:** allophanate  
thiophanate-methyl oxygen analog: **Use:** allophanate  
Thiophos: **Use:** parathion  
thiotep: **Use:** sulfotep  
thioxamyl: **Use:** oxamyl  
thiram: **Use:** thiram  
Thistrol: **Use:** MCPB  
Thuricide: **Use:** Bacillus thuringiensis  
TI-304: **Use:** nitenpyram  
tiabendazole: **Use:** thiabendazole  
tiazon: **Use:** dazomet  
TIBA: **Use:** 2,3,5-triiodobenzoic acid  
Tifatol: **Use:** cymiazole  
Tiguvon: **Use:** fenthion  
Tillam: **Use:** pebulate  
Tilt: **Use:** propiconazole



tiocarbazil: **Use:** tiocarbazil  
 Titus: **Use:** rimsulfuron  
 TM-402: **Use:** fenhexamid  
 TMTD: **Use:** thiram  
 TOK: **Use:** nitrofen  
 Tokuthion: **Use:** prothiofos  
 Tolban: **Use:** profluralin  
 tolclofos-methyl: **Use:** tolclofos-methyl  
 tolfenpyrad: **Use:** tolfenpyrad  
 Tolkan: **Use:** isoproturon  
 toluenearsonic acid, p-: **Use:** (4-methylphenyl) arsonic acid  
 Tolurex: **Use:** chlorotoluron  
 tolyl methylcarbamate, m-: **Use:** metolcarb  
 tolylarsonic acid, p-: **Use:** (4-methylphenyl) arsonic acid  
 tolylfluaniid: **Use:** tolylfluaniid  
 Tomahawk: **Use:** pirimiphos-methyl  
 Top Hand: **Use:** acetochlor  
 Top Notch: **Use:** acetochlor  
 Topane: **Use:** sodium o-phenylphenate  
 Topas: **Use:** penconazole  
 Topaz: **Use:** penconazole  
 Topaze: **Use:** penconazole  
 Topcide: **Use:** benzadox  
 Topik: **Use:** clodinafop-propargyl  
 Topsin: **Use:** thiophanate  
 Topsin M: **Use:** thiophanate-methyl  
 Torak: **Use:** dialifor  
 Tordon: **Use:** picloram  
 Tordon 101: **Use:** 2,4-D-picloram mixture  
 Tordon 101 mixture: **Use:** 2,4-D-picloram mixture  
 Tordon 101R: **Use:** 2,4-D-picloram mixture  
 Tordon 10K: **Use:** picloram-potassium  
 Tordon 22K: **Use:** picloram-potassium  
 Tordon 50D: **Use:** 2,4-D-picloram mixture  
 Tordon K: **Use:** picloram-potassium  
 Torque: **Use:** fenbutatin oxide  
 Touchdown: **Use:** glyphosate-trimethylsulfonium  
 Toxakil: **Use:** toxaphene  
 toxaphene: **Use:** toxaphene  
 Tracer: **Use:** spinosad  
 Trakephon: **Use:** buminafos  
 tralkoxydim: **Use:** tralkoxydim  
 tralomethrin: **Use:** tralomethrin  
 tralomethrin metabolite: **Use:** deltamethrin, cis-  
 tralomethrin metabolite: **Use:** deltamethrin  
 tralomethrin metabolite: **Use:** deltamethrin, trans-  
 Trammat: **Use:** ethofumesate  
 transluthrin: **Use:** transluthrin  
 Transmix: **Use:** cypermethrin, theta-  
 transpermethrin : **Use:** transpermethrin  
 Trapex: **Use:** methyl isothiocyanate  
 Trebon: **Use:** etofenprox  
 Treflan: **Use:** trifluralin  
 tri(cyclohexyl)-1H-1,2,4-triazol-1-yltin: **Use:** azocyclotin  
 tri-allate: **Use:** tri-allate  
 tri-allate metabolite: **Use:** TCPSA  
 triacontanol: **Use:** triacontanol  
 triadimefon: **Use:** triadimefon  
 triadimefon metabolite: **Use:** triadimenol  
 triadimenol: **Use:** triadimenol  
 trialkyl (C10) acetic acid (class): **Use:** neodecanoic acid  
 triallate: **Use:** tri-allate  
 triapenthenol: **Use:** triapenthenol  
 triarathene: **Use:** triarathene  
 triasulfuron: **Use:** triasulfuron  
 triazamate: **Use:** triazamate  
 triazamate (prop): **Use:** triazamate  
 Triazid: **Use:** amitraz  
 triaziflam: **Use:** triaziflam  
 triazofenamide: **Use:** triazofenamide  
 triazophos: **Use:** triazophos  
 triazothion: **Use:** azinphos-ethyl  
 triazoxide: **Use:** triazoxide  
 tribenuron methyl ester: **Use:** tribenuron methyl ester  
 tribenuron-methyl: **Use:** tribenuron methyl ester  
 tribufos: **Use:** tribufos  
 Tribunil: **Use:** methabenzthiazuron  
 Tribute: **Use:** iodosulfuron-methyl-sodium  
 Tribute: **Use:** foramsulfuron  
 tributyl phosphorotrithioite: **Use:** merphos  
 tributyl(2,4-dichlorobenzyl)phosphonium chloride:  
**Use:** chlorphonium chloride  
 tributyl[(2,4-dichlorophenyl)methyl]phosphonium  
 chloride: **Use:** chlorphonium chloride  
 tricalcium arsenate: **Use:** calcium arsenate  
 trichlamide: **Use:** trichlamide  
 trichlophenidin: **Use:** trichlophenidin  
 trichlorfon: **Use:** trichlorfon  
 trichloro(chloromethyl)benzene: **Use:** trichlorobenzyl  
 chloride  
 trichloro-2'-hydroxydiphenylether: **Use:** cloxifenolium  
 trichloro-s-triazine-2,4,6(1H,3H,5H)-trione:  
**Use:** trichloroisocyanuric acid  
 trichloro-S-triazinetrione: **Use:** trichloroisocyanuric  
 acid  
 trichloroacetic acid: **Use:** TCA  
 trichlorobenzyl chloride: **Use:** trichlorobenzyl chloride  
 trichlorobenzyl chloride metabolite: **Use:** 2,3,6-TBA  
 trichlorocyanuric acid: **Use:** trichloroisocyanuric acid  
 trichloroiminocyanuric acid: **Use:** trichloroisocyanuric  
 acid  
 trichloroisocyanic acid: **Use:** trichloroisocyanuric acid  
 trichloroisocyanurate: **Use:** trichloroisocyanuric acid  
 trichloroisocyanuric acid: **Use:** trichloroisocyanuric  
 acid  
 trichloromethane: **Use:** chloroform  
 trichloromethanesulfonyl chloride:  
**Use:** trichloromethanethiol  
 trichloromethanethiol: **Use:** trichloromethanethiol  
 trichloronitromethane: **Use:** chloropicrin  
 trichlorophenyl ethanol: **Use:** 2,4,5-trichloro-alpha-  
 methylbenzenemethanol  
 trichlorphon: **Use:** trichlorfon  
 triclopyr: **Use:** triclopyr  
 Triclosan :**Use:** cloxifenolium  
 tricyclazole: **Use:** tricyclazole  
 tricyclazone: **Use:** tricyclazole

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tricyclohexylhydroxystannane: **Use:** cyhexatin  
tricyclohexyltin hydroxide: **Use:** cyhexatin  
tricyclotin: **Use:** azocyclotin  
tridemorph: **Use:** tridemorph  
tridiphane: **Use:** tridiphane  
trietazine: **Use:** trietazine  
trifloxystrobin: **Use:** trifloxystrobin  
trifloxysulfuron: **Use:** trifloxystrobin  
trifloxysulfuron-sodium: **Use:** trifloxysulfuron-sodium  
triflumizole: **Use:** triflumizole  
triflumuron: **Use:** triflumuron  
trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine,  $\alpha,\alpha,\alpha$ -:  
**Use:** trifluralin  
trifluoro-3'-isopropoxy-o-toluanilide,  $\alpha,\alpha,\alpha$ -:  
**Use:** flutolanil  
trifluralin: **Use:** trifluralin  
triflusulfuron methyl ester: **Use:** triflusulfuron methyl ester  
triflusulfuron-methyl: **Use:** triflusulfuron methyl ester  
Trifmine: **Use:** triflumizole  
triforine: **Use:** triforine  
Trigard: **Use:** cyromazine  
trimethacarb: **Use:** trimethacarb  
trimethyl- $\beta$ -chloroethylammonium chloride:  
**Use:** chlormequat chloride  
trimethylphenyl methylcarbamate: **Use:** trimethacarb  
trimethylsulfonium N-(phosphonomethyl)glycine:  
**Use:** glyphosate-trimethylsulfonium  
Trimidal: **Use:** nuarimol  
Triminol: **Use:** nuarimol  
trimorphamide: **Use:** trimorphamide  
trinexapac-ethyl: **Use:** trinexapac-ethyl  
triphenyltin acetate: **Use:** triphenyltin acetate  
triphenyltin hydroxide: **Use:** triphenyltin hydroxide  
tris(dimethylcarbamodithioato-S,S')iron, (OC-6-11)-:  
**Use:** ferbam  
trisodium arsenate: **Use:** trisodium arsenate  
trisodium hexafluoroaluminate(3-), (OC-6-11)-:  
**Use:** cryolite  
Tritex: **Use:** alloxym-dim-sodium  
Tritex-extra: **Use:** sethoxydim  
Trithion: **Use:** carbophenothion  
triticonazole: **Use:** triticonazole  
Tritisan: **Use:** quintozene  
Triumph: **Use:** isazofos  
Trivax: **Use:** methfuroxam  
trizinc diphosphide: **Use:** zinc phosphide  
Tropotox: **Use:** MCPB  
Truban: **Use:** etridiazole  
Trucidor: **Use:** vamidothion  
Trysben: **Use:** 2,3,6-TBA  
Tsumacide: **Use:** metolcarb  
Tubatoxin: **Use:** rotenone  
Tunic: **Use:** methazole  
Tupersan: **Use:** siduron  
Tutane: **Use:** sec-butylamine  
Tycor: **Use:** Tycor

## U

U-gencin: **Use:** gentamicin sulfate  
UBF-002: **Use:** diflumetorim  
UBI-C4874: **Use:** quizalofop-P-tefuryl  
UC-21865: **Use:** aldoxycarb  
UC21149: **Use:** aldicarb  
UCC-D2341: **Use:** bifenazate  
UDMH: **Use:** UDMH  
UHF-8615: **Use:** pefurazoate  
Ultracide: **Use:** methidathion  
UMP-488: **Use:** metobenzuron  
UN2191: **Use:** sulfuryl fluoride  
undecalactone, gamma-: **Use:** dihydro-5-heptyl-2(3H)-furanone  
undecan-4-olide: **Use:** dihydro-5-heptyl-2(3H)-furanone  
undecanolactone, gamma-: **Use:** dihydro-5-heptyl-2(3H)-furanone  
undecanolide, gamma-: **Use:** dihydro-5-heptyl-2(3H)-furanone  
Uden: **Use:** propoxur  
uniconazole: **Use:** uniconazole  
Uniroyal D-014: **Use:** propargite  
unsymmetrical dimethyl hydrazine: **Use:** UDMH  
UR-0003: **Use:** pefurazoate  
Uribest: **Use:** naproanilide  
Usb 3584: **Use:** dinitramine

## V

V-10029: **Use:** bispyribac-sodium  
V-18: **Use:** tetradifon  
V-53482: **Use:** flumioxazin  
V110: **Use:** tetrasul sulfoxide  
Valexon: **Use:** phoxim  
Validacin: **Use:** validamycin  
validamycin: **Use:** validamycin  
Valor: **Use:** flumioxazin  
Vamidoate: **Use:** vamidothion  
vamidothion: **Use:** vamidothion  
Van Dyk 264: **Use:** MGK 264  
Vanguard: **Use:** etaconazole  
Vanox: **Use:** chlorothalonil  
Vapam: **Use:** metam-sodium  
Vapona: **Use:** dichlorvos  
Vapotone: **Use:** TEPP  
Varitox: **Use:** TCA  
VC-13: **Use:** dichlofenthion  
Vectobac: **Use:** Bacillus thuringiensis  
Vectron: **Use:** etofenprox  
Vegadex: **Use:** sulfallate  
Vegiben: **Use:** chloramben  
Velpar: **Use:** hexazinone  
Vendex: **Use:** fenbutatin oxide  
Venzar: **Use:** lenacil  
Verdict: **Use:** haloxyfop methyl ester  
Verdinal: **Use:** phenisopham  
Vermitin: **Use:** phenothiazine  
Vernam: **Use:** vernolate

vernolate: **Use:** vernolate  
 Vigil: **Use:** diclobutrazol  
 Vikane: **Use:** sulfuryl fluoride  
 vinclozolin: **Use:** vinclozolin  
 vinclozolin metabolite B, methylated: **Use:** vinclozolin  
 Vinicur: **Use:** cyprofuram  
 vinstop: **Use:** sodium dimethyldithiocarbamate  
 Viran: **Use:** parathion  
 Vision: **Use:** trinexapac-ethyl  
 Vistar: **Use:** mefluidide  
 Vitavax: **Use:** carboxin  
 vleminkx's solution: **Use:** sulfurated lime solution  
 Volaton: **Use:** phoxim  
 Voltage: **Use:** pyraclofos  
 Vondcaptan: **Use:** captan  
 Voronit: **Use:** fuberidazole  
 Vydate: **Use:** oxamyl

**W**

Wakil: **Use:** oxadixyl  
 Warbex: **Use:** famphur  
 Waylay: **Use:** napropamide  
 WBA 8107: **Use:** difenacoum  
 Weed B Gon: **Use:** 2,4-D  
 Weed-e-rad: **Use:** DSMA  
 Weedazole: **Use:** amitrole  
 Weedol: **Use:** paraquat  
 Weedone: **Use:** 2,4,5-T  
 Well-Bloom: **Use:** triacantanol  
 Whip: **Use:** fenoxaprop ethyl ester  
 white oil: **Use:** mineral oil  
 Wipeout: **Use:** hydramethylnon  
 WL 29762: **Use:** flamprop-isopropyl  
 WL 41706: **Use:** fenpropathrin  
 WL 85871: **Use:** alpha-cypermethrin

**X**

X202496: **Use:** quinoxyfen  
 XDE 537: **Use:** cyhalofop butyl ester  
 XDE-564: **Use:** diclosulam  
 XMC: **Use:** XMC  
 XRD 429: **Use:** butathiofos  
 XRD 473: **Use:** hexaflumuron  
 XRD 498: **Use:** flumetsulam  
 xylachlor: **Use:** xylachlor  
 xylylcarb: **Use:** xylylcarb  
 Xymiazole: **Use:** cymiazole

**Y**

YI-5301: **Use:** etoxazole  
 YRC 2894: **Use:** thiacloprid  
 Yukahope: **Use:** clomeprop  
 Yukamate: **Use:** dimepiperate  
 Yukawide: **Use:** benzofenap

**Z**

ZA-1296: **Use:** mesotrione  
 ZA1296: **Use:** mesotrione  
 Zardex: **Use:** cycloprate

zarilamid: **Use:** zarilamid  
 Zeldox: **Use:** hexythiazox  
 Zellek: **Use:** haloxyfop ethoxyethyl ester  
 zinc 5-((2-amino-5-O-(aminocarbonyl)-2-deoxy-L-xylonoyl)amino)-1-(5-carboxy-3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-1,5-dideoxy-β-D-allofuranuronate: **Use:** polyoxorim zinc salt  
 zinc 5-(2-amino-5-O-carbamoyl-2-deoxy-L-xylonamido)-1-(5-carboxy-1,2,3,4-tetrahydro-2,4-dioxypyrimidin-1-yl)-1,5-deoxy-β-D-allofuranuronate: **Use:** polyoxorim zinc salt  
 zinc ammoniate ethylenebis(dithiocarbamate)-poly(ethylenethiuram disulfide): **Use:** metiram  
 zinc bis(dimethyldithiocarbamate): **Use:** ziram  
 zinc dimethyldithiocarbamate: **Use:** ziram  
 zinc ethylenebis(dithiocarbamate) (polymeric): **Use:** zineb  
 zinc ethylenebisdithiocarbamate: **Use:** zineb  
 zinc ion and manganous ethylene bisdithiocarbamate coordination product: **Use:** mancozeb  
 zinc ion-maneb: **Use:** mancozeb  
 zinc phosphide: **Use:** zinc phosphide  
 zinc propylenebis(dithiocarbamate): **Use:** propineb  
 zineb: **Use:** zineb  
 Zinophos: **Use:** thionazin  
 ziram: **Use:** ziram  
 Zobar: **Use:** 2,3,6-TBA  
 Zolone: **Use:** phosalone  
 Zorial: **Use:** norflurazon  
 Zotox: **Use:** arsenic acid  
 zoxamide: **Use:** zoxamide  
 ZR-512: **Use:** hydroprene

[[1,3-dioxolan-2-yl]methoxyimino]benzeneacetonitrile, α-: **Use:** oxabetrinil  
 [1,1'-biphenyl]-2-ol sodium salt: **Use:** sodium o-phenylphenate  
 [1R-[1α(S\*(Z)),3β(E)]]-2-methyl-4-oxo-3-(2-pentenyl)-2-cyclopenten-1-yl 3-(3-methoxy-2-methyl-3-oxo-1-propenyl)-2,2-dimethylcyclopropanecarboxylate: **Use:** jasmolin II  
 [5-(phenylmethyl)-3-furanyl]methyl 3-(3-methoxy-2-methyl-3-oxo-1-propenyl)-2,2-dimethylcyclopropanecarboxylate, [1R-[1α,3b(E)]]-: **Use:** pyresmethrin  
 [5-amino-2-methyl-6-(2,3,4,5,6-pentahydroxycyclohexyloxy)tetrahydropyran-3-yl]amino-α-iminoacetic acid: **Use:** kasugamycin  
 [N-(3-chlorophenyl)cyclopropanecarboxamido]-γ-butyrolactone, (RS)-α-: **Use:** cyprofuram  
 [O-1-(4-chlorophenyl)pyrazol-4-yl O-ethyl S-propyl phosphorothioate], (RS)-: **Use:** pyraclofos  
 [[[diethoxyphosphinothioyl]oxy]imino]benzeneacetonitrile, α-: **Use:** phoxim  
 [[[dimethylamino)methylene]amino]phenylmethylcarbamate hydrochloride, m-: **Use:** formetanate hydrochloride