

# EXHIBIT MSE

## Material Safety Data Sheet **EstroG-100**

### 1. Chemical Identification

Trade Name: EstroG-100

Product Name: Herbal (Cynanchum Wilfordii, Phlomis Umbrosa, Angelica gigas Nakai) Extract

General or Generic ID: Botanical extract

### 2. Composition/Information on ingredients

Ingredient	CAS Number	%(w/w)
Cynanchum wilfordii	-	33.33
Phlomis umbrosa	-	33.33
Angelica gigas	-	33.33
Total		100%

### 3. Hazards Identification

#### **Potential Health Effects**

##### Eye

Dust can cause eye irritation. Symptoms may include stinging, tearing, redness, and swelling of eyes.

##### Skin

Unlikely to cause skin irritation or injury.

##### Swallowing

Swallowing this material is not harmful.

##### Inhalation

This material is a dust or may produce dust. Breathing small amounts of this material is not harmful.

#### Symptoms of Exposure

No data

#### Target Organ Effects

No data

#### Cancer Information

The International Agency for Research on Cancer, the National Toxicology Program, and the Occupational Safety and Health Administration do not list this material as a carcinogen.

#### Other Health Effects

This material can form dust which may cause skin irritation. Symptoms may include redness, burning and swelling. Although they may cause respiratory tract irritation, nuisance dusts do not form scar tissue or affect the structure of air space in the lungs.

#### Primary Routes of Entry

Inhalation, skin contact, eye contact

### 4. First-Aid Measures

#### Eyes

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with fresh water for at least 15 minutes while holding eyelids apart. Also, seek immediate medical attention.

#### Skin

First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.

#### Swallowing

First aid is not normally required. If symptoms develop, seek immediate medical attention.

#### Inhalation

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Note to Physicians  
No data

## 5. Fire Fighting Measures

Flash point  
Not applicable  
Explosive limit  
Not applicable

Hazardous Products of Combustion  
May form: carbon dioxide and carbon monoxide

Fire and Explosion Hazards  
This material, like most materials in powder form, might be capable of creating a dust explosion.

Extinguishing Media  
Carbon dioxide, dry chemical powder or appropriate foam

Special Fire-fighting Procedures  
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## 6. Accidental Release Measures

Small spill  
Sweep up material for disposal or recovery

Large spill  
Shovel material into containers. Thoroughly sweep area of spill to clean up any residual material. Avoid raising dust. Ventilate area after material pickup is complete.

## 7. Handling and Storage

Keep container closed. Do not breathe vapor or fumes if material is heated. Do not get in eyes. Store in a cool, dry place at 75°F or lower.

## 8. Exposure Controls/Personal Protection

Wear chemical-resistant gloves, safety goggles, other protective clothing.

Estro-G100

No exposure limits established

## 9. Physical and Chemical Properties

Boiling Point

No data

Vapor Pressure

No data

Specific Vapor Density

No data

Liquid Density

No data

Percent Volatiles

No data

Evaporation Rate

No data

Appearance

Yellowish-brown Fine Powder

State

Solid

Physical Form

Powder

Color

Yellowish-brown

Odor

Characteristic

pH

No data

Solubility in Water

Soluble

## 10. Stability and Reactivity

Chemical Stability

Stable

Incompatibility

No data

Hazardous Polymerization  
Will not occur

11. Toxicological Information

Cynanchum wilfordii, Phlomis umbrosa, and Angelica gigas, are all generally recognized as safe (GRAS). The three plant extracts are made via extraction with of hot water; and, no other chemicals nor toxic materials are used in the process of extraction.

12. Ecological Information

No data

13. Disposal Consideration

Waste Management Information  
Dispose of with other normal, solid waste

14. Transport Information

DOT Information – 49 CFR 172.101

DOT Description:

Non-regulated by D.O.T.

Container/Mode:

110lb/truck package

NOS Component:

None

RQ (Reportable Quantity) – 49 CFR 172.101

Not Applicable

15. Regulatory Information

US Federal Regulations

CERCLA RQ – 40 CFR 302.4(a)

None listed

CERCLA RQ – 40 CFR 302.4(a)

Materials without a 'listed' RQ may be reportable as an 'unlisted hazardous

substance'. See 40 CFR 302.5(b).

SARA 302 Components – 40 CFR 355 Appendix A  
None

Selection 311/312 Hazard Class – 40 CFR 370.2  
Immediate ( ) Delayed ( ) Fire ( ) Reactive ( )  
Sudden Release of Pressure ( )

SARA 313 Components – 40 CFR 372.65  
None

International Regulations  
Inventory Status  
Not determined

State and Local Regulations  
California Proposition 65  
None

16. Other Information

The information accumulated herein is believed to be accurate but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.