

MATERIAL SAFETY DATA SHEET

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In Case of Emergency, Call
PROSAR: 888-875-1724

1. PRODUCT IDENTIFICATION

Product Name: Peregrine
Product use: Fungicide

2. - COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Component</u> | <u>CAS No.</u> | <u>% weight</u> | <u>TLV</u> |
|--------------------|----------------|-----------------|----------------|
| Chlorothalonil | 1897-45-6 | 50 | Not Applicable |
| Thiophanate Methyl | 23564-05-8 | 16.66 | Not Applicable |

3. - HAZARDS IDENTIFICATION

Oral Ingestion: LD₅₀> 5.0g/kg
 Eye Contact: MAY CAUSE EYE DAMAGE. Human experience indicates this product may cause mild to severe irritation, depending on degree of exposure. No evidence of permanent damage has been found.
 Skin Contact: LD₅₀> 2.0g/kg; mildly irritating to skin.
 Skin Absorption: Not readily absorbed through intact skin.
 Inhalation: May cause irritation to the respiratory tract, but this is rarely observed.

4. - FIRST AID MEASURES

Eyes: Hold eye open and rinse slowly, and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

5. – FIRE AND EXPLOSION DATA

| | |
|-------------------------------------|--|
| Flash point (method used): | Nonflammable |
| Flammable limits: | Not Applicable |
| Extinguishing media: | Water, foam, co2, dry chemical, or earth or sand special fire fighting protective equipment: self-contained breathing apparatus should be provided for firefighters. |
| Unusual fire and explosion hazards: | May decompose under fire conditions emitting toxic and irritant gases (i.e. hydrogen chloride) to the respiratory tract. |

6. – SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: keep out of lakes, streams or ponds. Contain spill. Remove as much as possible (shovel up and sweep out), remove contaminated soil. Do not contaminate water while cleaning equipment or disposing of wastes.

Disposal methods: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

7. – EXPOSURE CONTROLS AND PERSONAL PROTECTION

| | |
|-------------------------|---|
| Ventilation: | Use with adequate ventilation. In out of doors, work up wind. |
| Respiratory protection: | NIOSH approved dust respirator or pesticide respirator |
| Protective clothing: | Wear protective clothing which prevents skin contact. |
| Eye protection: | Chemical goggles or face shield |

8. - PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|--------------------------------------|
| Boiling point (°C): | 1000°C |
| Bulk density: | 46lb/cubic ft. |
| Vapor pressure (mm hg): | 5.72 x 10 ⁻⁷ Torr @ 250°C |
| %, Volatile by vol.: | Not Applicable |
| Vapor density (Air=1): | Not Applicable |
| Solubility in water: | Dispersible |
| Color and odor: | Light bluish gray, slightly pungent |
| Physical stability: | Stable |
| Specific gravity (H ₂ O=1): | Not Determined |

9. - REACTIVITY AND STABILITY DATA

| | |
|---------------------------------------|--|
| Stability: | Stable under normal conditions |
| Conditions to avoid: | May decompose under fire conditions emitting gases and vapors (i.e. Hydrogen chloride) which may be toxic and irritating to the respiratory tract. |
| Incompatibility (materials to avoid): | Not Evaluated |
| Hazardous decomposition products: | Not Applicable |
| Hazardous polymerization: | Material is not known to polymerize |
| Conditions to avoid: | None |

10. – HANDLING AND STORAGE

Precautions to be taken in handling and storing. Store in a cool, dry place in closed containers. Avoid breathing dust. Avoid direct or prolonged contact with skin and eyes. Wash hands thoroughly after handling. Do not eat, drink, or smoke in work area. Keep out of reach of children and animals. Read label carefully before use. Avoid contaminating water. Do not reuse containers. Open dumping is prohibited.

The information herein is given in good faith but no warranty, express or implied, is made.