

Material Safety Data Sheet

Product Name: TEREMEC SP 2.9F Fungicide

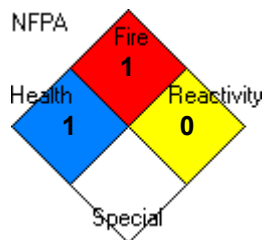
MSDS No.: 746-6

Version No.: 001

EPA Registration No.: 73782-4-2217

1. Basic Information:

Manufacturer: PBI/Gordon Corporation
Address: 1217 West 12th Street
City, State Zip: Kansas City, MO 64101-1407
Information Contact: Environmental, Health, & Safety Dept.
Information Telephone Number: (816)421-4070
Emergency Contact: Chemtrec
Emergency Telephone Number: (800)424-9300



| | |
|---|------------------|
| 1 | Health |
| 1 | Flammability |
| 0 | Reactivity |
| B | Pers. Protection |

Last Update: 10/29/2007

Chemical State: Liquid Gas Solid
Chemical Type: Pure Mixture

2. Ingredients:

Trade Secret (ND = Not Disclosed)

| CAS No. | Chemical Name | % Range | EHS | NTP | IARC | SUB Z | SARA 313 | OSHA PEL | ACGIH TLV | Other Limits |
|---------|---|---------|-----|-----|------|-------|----------|----------|-----------|--------------|
| 2675776 | 1,4-Dichloro-2,5-dimethoxybenzene (Chloroneb) | 30% | N | N | N | N | N | NI | NI | NI |

3. Hazardous Identification:

Hazard Category:

Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

Creme to tan liquid with a musty odor.

Eye, skin, and respiratory irritant.

4. First Aid Measures:

Route(s) of Entry:

Contact, ingestion.

Health Hazards (Acute and Chronic):

EYES: Contact may cause irritation.

SKIN: Contact may cause irritation. Prolonged or repeated contact may cause dermatitis.

INHALATION: Vapor pressure is negligible, and this product is not expected to present an inhalation hazard at ambient conditions. If dust is inhaled, it will irritate the respiratory system.

INGESTION: May irritate gastrointestinal system.

Signs and Symptoms:

NI

Medical Conditions Generally Aggravated by Exposure:

NI

Emergency First Aid Procedure:

EYES: Flush eyes with clean water for 10-15 minutes, holding lids open. If irritation persists, seek medical attention.

SKIN: Bathe and shampoo with soap and water to remove chemicals from skin and hair. Launder contaminated clothes separately, prior to reuse. If irritation persists, seek medical attention.

INHALATION: Remove victim to fresh air. Apply artificial respiration if needed. If irritation persists, seek medical attention.

First Aid Measures (Continued)

INGESTION: Call a physician or Poison Control Center. Induce vomiting by drinking water and touching back of throat with finger.

Other Health Warnings:

NI

5. Fire Fighting Measures:

Flash Point: NI **F.P. Method:**

Lower Explosive Limit: NI

Upper Explosive Limit: NI

Fire Extinguishing Media:

Foam, CO2, dry chemical, water.

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and full protective gear.

Unusual Fire and Explosion:

Fire produces toxic chloride fumes. May be ignited by heat or flames. Dust may ignite if exposed to high temperatures. Water from fire control may pollute surface water. If pollution occurs, call local authorities.

6. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

See Section 8 for Personal Protective Equipment. Contain and collect spilled material for reuse or disposal. Place in drums; cover and label the drums. Wash area with water, if possible. Do not allow waste water to contaminate surface water.

7. Handling and Storage:

Precautions to be Taken:

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store in original container in a locked storage area inaccessible to children or pets.

Other Precautions:

Do not graze or feed clippings from treated areas to livestock.

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Handling and Storage (Continued)

Do not use unplanted treated seed for food, feed or oil purposes.

8. Exposure Controls/Personal Protection:

Ventilation Requirements:

Mechanical ventilation is recommended if product is applied in an enclosed area. Good local ventilation is required.

Personal Protective Equipment:

CAUTION: May irritate eyes, nose, throat, and skin. Avoid breathing dust or spray mist. Avoid contact with eyes, skin, or clothing.

PROTECTIVE CLOTHING: Wear long sleeve shirt, long pants, shoes with socks, and chemical-resistant gloves.

EYE PROTECTION: Safety glasses with side shields or safety goggles

RESPIRATORY PROTECTION: If exposure limits may be exceeded, wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter.

9. Physical and Chemical Properties:

Boiling Point: NI

Melting Point: NI

Evaporation Rate (Butyl Acetate = 1): NI

Vapor Pressure (mm Hg.): NI

Vapor Density (Air = 1): NI

Specific Gravity (H₂O = 1): 1.16000

Solubility in Water: Suspension.

Appearance and Odor: Creme to tan liquid with a musty odor.

Other Information:

Density: 9.67 pounds/gallon

10. Stability and Reactivity:

Stability:

Stable.

Incompatibility (Materials to Avoid):

Avoid strong oxidants.

Decomposition/By-Products:

When heated to decomposition, the active ingredient emits fumes of chlorides.

Hazardous Polymerization:

Will not occur.

11. Toxicological Information:

Inhalation LC50 (4H): 25.2 mg/L air

Oral LD50: 11,000 mg/kg body weight.

12. Ecological Information:

For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

Do not graze or feed clippings from treated areas to livestock. Do not graze treated beans or soybeans within 45 days of planting.

13. Disposal Considerations:

Disposal Considerations (Continued)

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

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration or if allowed by State and local authorities by burning. If burned stay out of smoke.

14. Transport Information:

The following guidelines apply for domestic ground transport. If shipping by air or ocean, please contact our Transportation Dept.

Freight Class: Fungicides, NOI - NMFC #102120

In our current available sizes, this product does not qualify as a Hazardous Material.

15. Regulatory Information:

OSHA STATUS: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA STATUS: This product is exempt from TSCA Regulation under FIFRA Section 3(2)(B)(ii) when used as a pesticide.

CERCLA REPORTABLE QUANTITY: None

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None

SECTION 311/312 HAZARD CATEGORIES: Immediate Health Hazard, Delayed Health Hazard

SECTION 313 TOXIC CHEMICALS: None

RCRA STATUS: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

16. Other Information:

REASON FOR ISSUE: New MSDS in the ANSI Z400.1-1998 format

NOTE: NI means not indicated.

The information and statements in this Material Safety Data Sheet are believed to accurately reflect the scientific evidence used in making the hazard determination, but is not to be construed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable depending on particular, exceptional or variable conditions or circumstances of use or storage or because of locally applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information available to you and must make independent determinations of the suitability of the information for your particular circumstances or conditions and of the completeness of the information available from all sources to assure both the proper use of the material described herein and the safety and health of employees.