

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL CHEMTREC - DAY OR NIGHT 1-800-424-9300

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Dusting Sulfur Fungicide-Insecticide  
**Synonyms:** Sulfur  
**EPA Reg. No.:** 34704-735  
**Company ID:** Platte Chemical Co.  
 419 18<sup>TH</sup> Street  
 Greeley, CO 80631  
**Phone #s:** Emergency Phone Number - CHEMTREC (day or night): 1-800-424-9300  
 For Medical Emergency - Call 1-800-228-5635 extension 136  
**Date:** 10/23/00 **Supersedes:** 02/28/94

**2. COMPOSITION INFORMATION ON INGREDIENTS**

	<u>Component</u>	<u>CAS Reg. No.</u>	<u>% by weight</u>
<b>Chemical Ingredients:</b>	<b>Active Ingredient:</b> Sulfur	(CAS: 7704-34-9)	98.0
	<b>Inert Ingredients*:</b>		2.0

See Section 8 for exposure limits.

**3. HAZARDS IDENTIFICATION**

Emergency Overview:

**Appearance & Odor:** Pale yellow powder, with a sulfur-like odor.

**Warning Statements:** Exposure to this product may cause nausea, vomiting, headache, diarrhea or dermal irritation upon exposure to skin.

Potential Adverse Health Effects:

**Eye Contact:** Irritation may occur.

**Skin Contact:** Irritation may occur.

**Ingestion:** Contact a physician if material is ingested.

**Inhalation:** Contact a physician if material is inhaled and breathing is difficult.

**4. FIRST AID MEASURES**

**If in Eyes:** Rinse with a large amount of running water for at least 15 minutes. Hold eyelids apart to rinse the entire surface of the eyes and lids. Seek medical attention if irritation persists.

**If on Skin:** Wash with plenty of soap and water, include hair and under fingernails. Remove contaminated clothing and decontaminate prior to re-use.

**If Swallowed:** Give a large quantity of water if person is conscious, and induce vomiting. Never give anything to a person who is unconscious.

**If Inhaled:** Remove to fresh air. Avoid mouth-to-mouth resuscitation. Seek medical help if breathing is difficult.

**5. FIRE FIGHTING MEASURES**

**Flash Point:** Not available **Flammable Limits:** None established

**Extinguishing Media:** Dry chemical foam, carbon dioxide and water

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus with full protecting clothing.

**Unusual Fire or Explosion Hazards:** Thermal decomposition products include, but are not limited to, oxides of sulfur and hydrogen sulfide.

**6. ACCIDENTAL RELEASE MEASURES**

In Case of Spill or Leak

See section 8 for PPE. For small spills, cover with an absorbent material such as pet litter. Sweep up and place in an approved chemical container. Wash the spill area with water containing a strong detergent, absorb with pet litter or other absorbent material, sweep up and place in a chemical container. Seal the container and handle in an approved manner. Flush the area with water to remove any residue. Do not allow wash water to contaminate water supplies.

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## 7. HANDLING AND STORAGE

Store the material in a well-ventilated, secure area out of the reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco usage, and cosmetic application in areas where there is a potential for exposure to the material. Always wash thoroughly after handling.

Do not smoke while applying product and keep away from sparks.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Personal Protective Equipment:** [40 CFR 170]

Applicators and other handlers must wear:

Long-sleeved shirt and long pants, waterproof gloves and shoes plus socks. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**Eye Contact:** To avoid eye contact, wear safety glasses with side shields or chemical goggles.

**Skin Contact:** To avoid skin contact, wear rubber gloves, rubber boots, long-sleeved shirt, long pants and a head covering. Discard heavily contaminated articles that cannot be washed.

**Ingestion:** Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Always wash thoroughly after handling.

**Inhalation:** To avoid breathing dusts, wear a NIOSH-approved pesticide respirator or air-supplied respirator.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Pale yellow powder

**Odor:** Sulfur odor

**Solubility:** Insoluble

**Bulk Density:** 0.8 g/ml

**Note:** These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

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## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Conditions to Avoid:** Extreme heat and strong oxidizers.

**Hazardous Decomposition Products:** Thermal decomposition – sulfur oxides and hydrogen sulfide.

**Hazardous Polymerization:** Will not occur

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## 11. TOXICOLOGICAL INFORMATION

### Toxicological Data

**Acute Oral LD<sub>50</sub> (rat):** 5587 mg/kg, slightly toxic

**Acute Dermal LD<sub>50</sub> (rabbit):** >2,000 mg/kg, slightly toxic

**Acute Inhalation LC50 (rat) :** 5.2mg.l (4hr)

**Eye Irritation:** Moderate

**Skin Irritation:** Not an irritant, not a sensitizer

**Carcinogenic Potential:** Not listed by IARC, NTP or OSHA.

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## 12. ECOLOGICAL INFORMATION

Avoid contamination of waterways, do not apply where there is water and potential runoff.

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## 13. DISPOSAL CONSIDERATIONS

### Disposal

Do not reuse product containers. Dispose of product containers, waste containers, and residues according to local, state and federal health and environmental regulations. Sweep up absorbed spilled materials. Avoid breathing the dust.

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## 14. TRANSPORTATION INFORMATION

Follow the precautions indicated in the Handling and Storage Section, Section 7 of this MSDS.

**DOT Classification:** Not regulated by US DOT highway regulations

**U.S. Surface Freight Classification:** Insecticides, insect repellents, NOI, other than poison (NMFC102120; Class: 60)

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**15. REGULATORY INFORMATION**

**SARA Hazard Notification/Reporting under SARA, Title III, Section 313:** None

Section 311/312

Immediate Health Hazard

Proposition 65: Not applicable

RCRA Classification: Not applicable

TSCA Status: Exempt

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**16. OTHER**

Reasons for revision: New ANSI and CMA Format

**NFPA Hazard Rating:**

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<b>0 Least</b>		
<b>1 Slight</b>	1	<b>Health</b>
<b>2 Moderate</b>	1	<b>Flammability</b>
<b>3 High</b>	0	<b>Reactivity</b>
<b>4 Severe</b>		

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**Reviewed by Environmental/Regulatory Services**

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