

For chemical emergency, spill, leak, fire, exposure, or accident,
call Chemtrec - day or night 1-800-424-9300

MATERIAL SAFETY DATA SHEET**1. IDENTIFICATION OF PRODUCT**

Manufacturer's Name: Martin Operating Partnership, L.P.
P.O. Box 191
Kilgore, TX 75663

Emergency Phone No: Chemtrec
(800) 424-9300
(24 hours)

Trade Name and Synonyms: CSC 80% Thiosperse

Chemical Name and Synonyms: Sulfur

Chemical Family: Sulfur

EPA Registration Number: 55429-4

Unusual Fire and Explosion Hazards: Contain run off by diking to prevent contamination of water supplies. Dusts may form explosive mixtures with air. Temperature

NFPA Hazard Rating

0	Least		
1	Slight	2	Health
2	Moderate	1	Flammability
3	High	1	Reactivity
4	Severe		

Hazards Classification (40C FR370):**Immediate Health:** YES**Delayed Health:** NO**Fire:** YES**Sudden Pressure:** NO**Reactivity:** NO

Section 313 (40CFR372): This product contains the following chemicals subject to SARA Section 313 reporting requirements: Sulfur.

2. PRODUCT COMPONENTS

Component:	%	Threshold Value (units):
Sulfur (CAS No. 7704-34-9)	80.0	None established
Contains no substances listed as toxic by SARA 313. Contains no substances known to be carcinogens.	20.0	—

5. REACTIVITY INFORMATION**Stability:** Stable**Conditions to Avoid:** Strong oxydizers**Hazardous Decomposition**

Products: None

Hazardous Polymerization: None**Conditions to Avoid:** Open flames, sparks, ignition sources**3. PHYSICAL INFORMATION****Appearance and Odor:** Solid amber crystals, characteristic odor**Solubility in Water:** Insoluble**Bulk Density:** 30 -40 lbs./cu.ft.**Melting Point:** 115 °C/214 °F**4. FIRE AND EXPLOSION HAZARD INFORMATION****Flash Point (test method):** 207 °C (INRS)**Flammable Limits:****(percent by volume):** None established**Fire Extinguishing Media:** Dry chemical, carbon dioxide, foam, water spray or fog**Auto Ignition Temperature:** 232 °C**Special Fire Fighting Procedures:** Use self-contained breathing apparatus.**6. HEALTH INFORMATION****Toxicological Test Data:****Oral (Acute)**LD₅₀> 2,000 mg/kg**Dermal (Acute)**LD₅₀> 2,000 mg/kg**Inhalation (Acute)**

LC~> 1.35 mg/L (4HR)

Chronic, Subchronic, etc.

There are no known risks of oncogenic, teratogenic or reproductive hazards associated with sulfur.

Effects of Overexposure: Route of entry: ingestion, inhalation, eyes and skin contact. Most likely route of entry: dermal, inhalation. Product is considered to be of low to moderate toxicity. May be harmful if swallowed or inhaled. May cause irritation of eyes, nasal passages, throat and skin. Prolonged or repeated exposure may increase irritation, particularly to eyes and mucous membranes. Overexposure can lead to nausea, diarrhea, gastrointestinal distress, headaches, weakness, and in severe cases possible liver and kidney damage.

Emergency and First Aid Procedures: *Call a physician immediately in all cases of suspected poisoning,*

Ingestion: Induce vomiting; give plenty of water.

Eyes: Flush with plenty of water for at least 15 minutes while holding eyelids open. If irritation persists, get medical attention.

Skin: Remove all contaminated clothing. Wash skin and hair thoroughly with soap and water. Wash clothing before reuse.

Inhalation: Remove to fresh air. If irritation persists, get medical attention.

Medical Conditions Aggravated by Exposure:

Preexisting skin or respiratory disorders may be aggravated by excessive exposure to this material.

Potential Carcinogen Status: None listed by IARC, NIP or OSHA.

7. SPILL OR LEAK PROCEDURES

Steps to Be Taken in Case Material is Leaked or Spilled: Contain spill; vacuum, scoop or sweep up and place in container for disposal.

Waste Disposal Method: Check local, state and Federal regulations for disposal.

8. SPECIAL PROTECTION INFORMATION

Protective Clothing:

Eye Protection (Type): Safety goggles

Gloves (Type): Rubber gloves

Respiratory Protection: If dusts exceed acceptable levels, or if irritation occurs, wear MSHA/NIOSH-approved mask or respirator for protection against pesticide dust.

Other Clothing: Long-sleeved shirt and long pants, shoes and socks.

Ventilation:

Local Exhaust: Provide in confined areas

Mechanical (General): If ventilation is not adequate, provide vents

Special: Not normally required

Other: Work in a well-ventilated area

EPA HANDLER REQUIREMENTS

Worker Protection Standard

40 CFR 170

Note: the following PPE requirements address handler/applicator requirements under FIFRA and may differ from what is felt necessary to address a clean up, needs during formulation/manufacturing or other times of involvement with the product.

Personal Protective Equipment: Applicators and other handlers must wear long-sleeved shirt and long pants, chemical-resistant 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

9. SPECIAL PRECAUTIONS

Handling and Storage: Store in a cool, dry place away from children, food and feed products. Keep work and storage area clean

Other Precautions: Toxic to fish and other aquatic organisms.

10. REGULATORY INFORMATION

SARA TITLE III HAZARD CATEGORY:

Immediate: YES

Delayed: NO

Fire: YES

Reactive: NO

Sudden Release of Pressure: NO

SUBSTANCES REGULATED UNDER SARA, TITLE III, SECT. 313:

DATE OF ISSUE: 1/01/2005

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