

Material Safety Data Sheet

Effective Date: 15-AUG-2003  
Product: PRO-MATE SCATTER

I. IDENTIFICATION

Chemical Name: Blend of nonionic Surfactants & Carrier  
Chemical Family: Surfactants  
Formula: Not applicable, formulated mixture.  
Synonyms: Spreadable Soil Wetting Agent  
CAS Number: Not applicable, formulated mixture.  
EPA Number: None

II. PHYSICAL DATA

Boiling Point: Not applicable  
Freezing Point: Not applicable  
Spec Gravity: 55-59 lbs/cu. ft. (density)  
Vapor Pressure: Not established  
Vapor Density: >1  
Solubility: Slightly soluble  
Volatiles: <0.1%  
Evaporation: Not applicable  
Melting Point: >200 Degrees F.  
Appearance: Light tan granule, surfactant odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Proprietary blend of Polyethoxylated Esters, Alkyl Aryl Ethers, Silicone Antifoam and Organic Carrier		100.00	10 mg/m3	Mild Skin & Eye Irritant

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >307 Degrees F. (COC)  
Autoignition Temp: Not established  
Flammable Limit: Not established  
Extinguishing Media: Use water spray, dry chemical or carbon dioxide.  
Special Fire Fight Proc: Wear self-contained breathing apparatus and avoid breathing fumes or dusts.  
Fire and Expl Hazard: None currently known.

V. HEALTH HAZARD

Carcinogen Information: None currently known.

Material Safety Data Sheet

Effective Date: 15-AUG-2003  
Product: PRO-MATE SCATTER

---

ACUTE EFFECTS OF OVER EXPOSURE

---

Swallowing: May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Acute Oral LD50 in male rats = 4,000 mg/kg; Acute Oral LD50 in female rats = 2,080 mg/kg.

Skin Absorption: No dermal toxicity established.

Inhalation: Exposure may cause nasal and respiratory irritation.

Skin contact: Products of this type may cause mild skin irritation.

Eye Contact: This product produced slight to moderate conjunctival irritation and mild corneal opacity which were reversible within seven (7) days.

Chronic Effects: Overexposure may cause gastrointestinal irritation, diarrhea, nausea and vomiting.

Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

---

Swallowing: Contact physician or poison control center. Give milk or water to dilute. Do not give sodium bicarbonate, fruit juices, vinegar or other acidic beverages.

Skin: Wash skin thoroughly with soap and water. If irritation develops, seek medical attention. Launder clothing before reuse.

Inhalation: Move to fresh air if irritation is noted. Consult a physician if irritation persists.

Eyes: Do not rub eyes as may cause abrasions. Flush eyes with water for at least 15 minutes, holding eyelids open. If irritation develops, consult a physician.

Notes to Physician: In the event of an adverse response, treatment should be directed toward control of the symptoms.

---

VI. REACTIVITY

---

Stability: Stable

Conditions to Avoid: Excessive heat and open flames.

Polymerization: Will Not Occur

Conditions to Avoid: None currently known.

Incompatibility material: Avoid contact with strong oxidizing agents.

Hazardous Combustion: May produce oxides of carbon and hydrogen under fire conditions.

Material Safety Data Sheet

Effective Date: 15-AUG-2003  
Product: PRO-MATE SCATTER

-----  
-----  
VII. SPILL OR LEAK PROCEDURES  
-----

Spill or Leak Proc: Sweep up material and reuse if uncontaminated.  
If contaminated, place material in a suitable  
container for proper disposal. Flush spill area  
with water, absorb and place in same containers  
with collected material.  
Waste Disposal Method: This material must be disposed of according to  
Federal, State or Local procedures under the  
Resource Conservation and Recovery Act.

-----  
VIII. SPECIAL PROTECTION INFORMATION  
-----

Respiration: If dust is present, use NIOSH/MSHA approved  
respiratory protection appropriate for  
indicated components.  
Ventilation: Local exhaust sufficient.  
Gloves: Impervious  
Eyes: Chemical workers' goggles.  
Other: Eye wash station, impervious apron and footwear

-----  
IX. SPECIAL PRECAUTIONS  
-----

Special precaution: Keep out of reach of children. Do not store  
with food, feed or other materials to be used  
or consumed by humans or animals. Do not  
contaminate water supplies, lakes, streams or  
ponds.  
Other precaution: California Proposition 65: This product may  
contain trace amounts of ETHYLENE OXIDE (75-21-  
8), ACETALDEHYDE (75-07-0) AND 1,4-DIOXANE  
(123-91-1) and is listed in accordance with  
specified regulations. 1,4-DIOXANE is a  
potential cancer hazard and ETHYLENE OXIDE is a  
potential cancer and reproductive hazard.

-----  
X. SHIPPING INFORMATION  
-----

Shipping name: Not regulated by DOT, IATA or IMDG.  
Hazard Class: None  
Identification No: None

Helena Chemical Company  
PH: 901-761-0050  
CHEMTREC: 800-424-9300

15-AUG-2003 11:35:59  
Page 4 Of 4

Material Safety Data Sheet

Effective Date: 15-AUG-2003  
Product: PRO-MATE SCATTER

---

Labels Required: None required  
Placarding: None  
Freight Class: Adjuvant, Spreader or Sticker, Solid, NOIBN  
Chemical Name Equivalent R.Q.  
-----  
Not applicable Not applicable

---

XI. GENERAL PRODUCT INFORMATION

---

National Fire Protection Association Rating:  
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 1                      Fire: 1                      Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y                      Delayed (Chronic) Health: N  
Sudden Release of pressure: N                      Fire: N  
Reactive: N

---

Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017  
Helena Chemical Company believes that the data contained herein is factual.  
This data is not to be taken as a warranty or representation of legal  
responsibility. It is offered solely for your consideration, investigation  
and verification.