

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.

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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.

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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

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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
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