

# SOAKER G

Helena Chemical Company  
 PH: 901-761-0050  
 CHEMTREC: 800-424-9300  
 Effective Date: 12-APR-2004  
 Product: SOAKER G

## I. IDENTIFICATION

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

## II. PHYSICAL DATA

**Boiling Point:** Not applicable  
**Freezing Point:** Not applicable  
**Spec Gravity:** Not applicable  
**Vapor Pressure:** Not established  
**Vapor Density:** >1  
**Solubility:** Slight (10%)  
**Volatiles:** <0.1%  
**Evaporation:** Not applicable  
**Melting Point:** >200 Degrees F.  
**Appearance:** Light green granule with surfactant odor.

## III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Proprietary blend of Polyethoxylated Esters, Alkyl Arylethers, Silicone Antifoam and Organic Carrier.		100.00	10 mg/m <sup>3</sup>	Mild skin & eye irritant.

## IV. FIRE AND EXPLOSION HAZARD

**Flash Point:** >200 Degrees F.  
**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 full protective clothing. Avoid breathing fumes or dusts.  
**Fire and Expl Hazard:** None currently known.

## V. HEALTH HAZARD

**Carcinogen Information:** Not listed  
**ACUTE EFFECTS OF OVER EXPOSURE**  
**Swallowing:** May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Acute Oral LD50 (male rats) = 4,000 mg/kg; Acute Oral LD50 (female rats) = 2,080 mg/kg.  
**Skin Absorption:** Not readily absorbed through intact skin. May cause mild skin irritation with contact.  
**Inhalation:** Exposure may cause nasal and respiratory irritation.  
**Skin contact:** May cause mild skin irritation with contact.  
**Eye Contact:** This material produced slight to mild conjunctival irritation and mild corneal opacity which were reversible within 7 days.  
**Chronic Effects:** Overexposure may cause gastrointestinal irritation, nausea, diarrhea and vomiting.  
**Other Hazard:** None currently known.

## EMERGENCY AND FIRST AID PROCEDURES

**Swallowing:** If swallowed, give milk or water to dilute. Do not give sodium bicarbonate, fruit juice or vinegar. Immediately contact a physician or poison control center.  
**Skin:** Wash affected area thoroughly with soap and water. If irritation develops, consult a physician. Launder clothing before reuse.  
**Inhalation:** Move to fresh air. If irritation persists, seek medical attention.  
**Eyes:** Do not rub eyes. Flush eyes with water for at least 15 minutes, holding eyelids open. If irritation develops, consult a physician.  
**Notes to Physician:** There is no specific antidote for this material. Treatment should be directed toward control of the symptoms and the clinical condition of the patient.

## 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.

## VII. SPILL OR LEAK PROCEDURES

**Spill or Leak Proc:** Sweep up material and reuse if uncontaminated. If contaminated, place material in 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-approved respirator appropriate for indicated components.  
**Ventilation:** Local exhaust sufficient.  
**Gloves:** Impervious  
**Eyes:** Chemical workers' goggles  
**Other:** Eyewash station, impervious apron and footwear.

## IX. SPECIAL PRECAUTIONS

**Special precaution:** Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams or ponds.  
**Other precaution:** California Proposition 60: This product may contain trace amounts of Ethylene Oxide (CAS No. 75-21-8), Acetaldehyde (CAS No. 75-07-0) and 1,4-Dioxane (CAS No. 123-91-1) and is listed in accordance with specified regulations. 1,4-Dioxane is a potential cancer hazard and Ethylene Dioxide is a potential cancer/reproductive hazard.

## X. SHIPPING INFORMATION

**Shipping name:** Not regulated by DOT, IATA OR IMDG.  
**Hazard Class:** None  
**Identification No:** None  
**Labels Required:** None required  
**Placarding:** None  
**Freight Class:** Adhesive, Adjuvant, Spreader or Sticker, Solid, NOIBN (NMFC Item 4610, Class 60)

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. VID 4.13.04