



Safety Data Sheet

Report Date 24-Apr-15

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1. Identification

Product Name : SOAKER
Synonyms : None
Product Use : Premium Turf Wetting Agent
Manufacturer/Supplier : Helena Chemical Company
Address : 225 Schilling Blvd. Collierville, TN 38017
General Information : 901-761-0050
Transportation Emergency Number : CHEMTREC:800-424-9300

2. Hazard Identification

Signal Word : Warning (no symbol)
Skin Irritation : Causes mild skin irritation
Eye Irritation : Causes eye irritation
Acute Toxicity Oral : LD50 (rat) >5,000 mg/kg. May be harmful if swallowed.
Acute Toxicity Dermal : LD50 (rabbit) >5,000 mg/kg. May be harmful if in contact with skin.

Hazard Categories : Oral/Dermal/Inhalation Toxicity - 5/5/5; Eye Irritation - 2B; Skin Irritation - 3

Hazard Statement : May be harmful if swallowed
May be harmful in contact with skin
Causes eye irritation
Causes mild skin irritation
May be harmful if inhaled

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Blend of polymeric polyoxyalkylenes and oxoalkeny hydroxy polyoxyalkane diyl	Proprietary	98.0
Dimethylpolysiloxane and coupling agents	Proprietary	2.0

4. First Aid Measures

Eye : Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

Skin : Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation : Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Ingestion : Call a poison control center or doctor immediately for treatment advice. Rinse mouth water. Do not induce vomiting. Do not give anything by mouth if unconscious.

Indication of Immediate Medical Attention and Special Treatment Needed : Treat symptomatically. If product is being mixed with pesticides and/or spray adjuvants, follow all precautionary statement on the accompanying product(s) labeling.

5. Fire Fighting Measures

Extinguishing Media : Dry chemical, water spray, water fog, carbon dioxide or foam.



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- Specific Hazards Arising from the Chemical** : Can be made to burn (flash point >200 Degrees F.).
- Special Fire Fight Proc** : Wear a positive pressure, self-contained breathing apparatus and full protective clothing when fighting fires in an enclosed area.

6. Accidental Release Measures

- Personal Precautions** : Keep unprotected and unnecessary personnel out of spill area. Spill area will be quite slippery.
- Protective Equipment** : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Use NIOSH-approved respiratory protection if product is heated or misted. Eyewash and emergency shower should be in work area.
- Emergency Procedures** : Dike spill to prevent spreading to soil or contamination to any water sources or drains.
- Methods and Materials for Containment and Cleanup** : Clean up spills with an oil-absorbent material, such as clay, sand or sawdust. Place contaminated material in recovery/salvage drums for proper disposal.

7. Handling and Storage

- Precautions for Safe Handling** : Keep locked up and out of reach of children. Keep container tightly closed. Do not allow water to be introduced into the contents of this container. Do not contaminate water, food or feed by storage, handling or disposal.
- Conditions for Safe Storage** : Store in original container only. Do not store near heat or open flame. Do not store with oxidizing agents or ammonium nitrate.

8. Exposure Controls / Personal Protection

- TLV/PEL** : No data for mixture.
- Appropriate Engineering Controls** : Local exhaust ventilation should be used.
- Personal Protective Equipment** : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Use NIOSH-approved respiratory protection if product is heated or misted. Eyewash and emergency shower should be in work area.

9. Physical and Chemical Properties

- Odor/Appearance** : Clear to slightly hazy liquid; mild odor.
- Flash Point, °F** : >200 Degrees F. (PMCC)
- Boiling Point, °F** : No established limit
- Melting Point(Freezing point), °C** : Not measured
- Vapor Pressure, mm Hg @ 20 °C** : Not measured
- Vapor Density** : Heavier than air
- Solubility in Water** : Soluble
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : 1.025 to 1.035
- Evaporation Rate(Butyl Acetate = 1)** : Not measured
- Octanol/Water Partition Coefficient** : Not measured
- pH** : 5.0 to 7.0 (1%)
- Flammable Limits (approximate volume % in air)** : Not determined
- Auto-ignition Temperature** : Not determined
- Decomposition temperature** : Not measured



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10. Stability and Reactivity

- Reactivity** : No dangerous reactions under normal conditions.
- Chemical Stability** : Stable
- Hazardous Decomposition Products** : Thermal decomposition products may include oxides of carbon as well as irritating or toxic fumes.
- Hazardous Polymerization** : Will not occur
- Conditions to Avoid** : Extreme heat, open flame, sparks and other sources of ignition.
- Incompatible Materials** : Oxidizing agents

11. Toxicological Information

- Acute Toxicity (Oral LD50)** : >5,000 mg/kg (rat). May be harmful if swallowed.
- Acute Toxicity (Dermal LD50)** : >5,000 mg/kg (rabbit). May be harmful in contact with skin.
- Acute Toxicity Inhalation LC50** : No data available. May be harmful if inhaled.
- Likely Routes of Exposure** : Eyes, skin
- Skin Irritation** : Causes mild skin irritation.
- Eye Irritation** : Causes eye irritation.
- Skin Sensitization** : Not applicable
- Carcinogenic** : None currently known.
- Chronic Effects** : No information found
- Other Hazards** : CA Prop 65 Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

12. Ecological Information

- Ecotoxicity** : No information found
- Persistence and Degradability** : No information found
- Bioaccumulative Potential** : No information found
- Mobility in Soil** : No information found
- Other Adverse Effects** : No information found

13. Disposal Considerations

- Waste Disposal Method** : This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

14. Transport Information

- UN Proper Shipping Name** : Not regulated by DOT, IATA or IMDG.
- Transport Hazard Class** : None
- UN Identification Number** : None
- Packaging Group** : None
- Environmental Hazards** : No information found
- Transport in Bulk** : No information found
- Special Precautions for Transportation** : None
- Freight Classification** : Adhesives, Adjuvants, Spreaders or Stickers, N.O.I. (NMFC Item 42652, Class 60)



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15. Regulatory Information

National Fire Protection Association Rating :

Health: 1 Fire: 1 Reactivity: 0
Rating Level: (4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

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

16. Other Information

Data of Preparation/Revision : 24-April-2015