



Safety Data Sheet

Report Date 24-Apr-15

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1. Identification

Product Name : FOAMER
Synonyms : None
Product Use : Spray Marker/Foaming 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
Skin Irritation : Causes skin irritation.
Eye Irritation : Causes serious eye irritation.
Acute Toxicity Oral : May be harmful if swallowed.
Acute Toxicity Dermal : May be harmful in contact with skin.

Hazard Categories : Oral/Dermal/Inhalation Toxicity - 5/5/4; Eye Irritation - 2A; Skin Irritation - 2

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

3. Composition / Information on Ingredients

| Component | CAS Number | Weight % |
|--|-------------|----------|
| Sodium alpha-olefin sulfonate and formulation aids | Proprietary | 50.0 |
| Components ineffective as spray adjuvant | Proprietary | 50.0 |

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 with 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 statements on the accompanying product(s) labeling.

5. Fire Fighting Measures



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Extinguishing Media : Use water fog, foam, dry chemical or carbon dioxide extinguishing agents.
Specific Hazards Arising from the Chemical : Vapors may travel to a source of ignition and flash back.
Special Fire Fight Proc : Wear self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

Personal Precautions : Keep unprotected and unnecessary personnel out of spill area. Keep sources of ignition out of spill area.
Protective Equipment : Splashproof goggles or faceshield, impervious gloves, impervious apron and footwear. Use NIOSH-approved respiratory protection if ventilation is not sufficient. Eyewash and emergency shower should be available in work area.
Emergency Procedures : Dike spilled product to prevent spreading to soil, waterways or drains.
Methods and Materials for Containment and Cleanup : Cover spilled liquid with absorbent. Collect and place in suitable containers for proper disposal. Flush spill area with water, absorb then collect and place in containers for disposal.

7. Handling and Storage

Precautions for Safe Handling : Keep out of reach of children. Keep container tightly closed. Do not allow water to be introduced into the contents of the container. Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment wash waters or spray waste. Contents will freeze below 40 Degrees F. To bring back to liquid form, heat slowly. Do not heat over open flame.
Conditions for Safe Storage : Store in original container. 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 information found
Appropriate Engineering Controls : Local exhaust ventilation should be sufficient.
Personal Protective Equipment : Splashproof goggles or faceshield, impervious gloves, impervious apron and footwear. Use NIOSH-approved respiratory protection if ventilation is not sufficient. Eyewash and emergency shower should be available in work area.

9. Physical and Chemical Properties

Odor/Appearance : Brown to yellow liquid; mild odor.
Flash Point, °F : 105 Degrees F.
Boiling Point, °F : 100 Degrees F.
Melting Point(Freezing point), °C : No information found
Vapor Pressure, mm Hg @ 20 °C : No information found
Vapor Density : No information found
Solubility in Water : Soluble
Molecular Formula : Not applicable, formulated mixture.
Density, g/mL @ 25 °C : 1.000 to 1.020
Evaporation Rate(Butyl Acetate = 1) : No information found
Octanol/Water Partition Coefficient : No information found
pH : 7.0 to 8.0 (5%)
Flammable Limits (approximate volume % in air) : No information found



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Auto-ignition Temperature : No information found
Decomposition temperature : No information found

10. Stability and Reactivity

Reactivity : No information found
Chemical Stability : Stable
Hazardous Decomposition : Thermal decomposition may produce carbon monoxide and carbon dioxide.
Products
Hazardous Polymerization : Will not occur
Conditions to Avoid : Avoid sources of heat and ignition.
Incompatible Materials : Strong oxidizers, strong reducing agents.

11. Toxicological Information

Acute Toxicity (Oral LD50) : >3,000 mg/kg. May be harmful if swallowed.
Acute Toxicity (Dermal LD50) : >49,000 mg/kg. May be harmful in contact with skin.
Acute Toxicity Inhalation LC50 : No LC50 available. Harmful if inhaled.
Likely Routes of Exposure : Skin, eyes, inhalation
Skin Irritation : Causes skin irritation.
Eye Irritation : Causes serious eye irritation.
Skin Sensitization : Not listed as a sensitizer.
Carcinogenic : No information found
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 D.O.T. in non-bulk packages.
Transport Hazard Class : None
UN Identification Number : None
Packaging Group : None
Environmental Hazards : No information found
Transport in Bulk : Regulated by DOT in bulk packages as NA1993, Combustible Liquid, n.o.s., (1-Butanol), PG III "ERG # 128"
Special Precautions for Transportation : Regulated as Flammable Liquid if offered for shipment by air (IATA) or water (IMDG).



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Freight Classification : Adhesives, Adjuvants, Spreaders or Stickers, N.O.I. (NMFC Item 42652, Class 60)

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