

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**Chemical Product

FOAMY

Common Name: Liquid Agricultural Foam Marker.

Manufactured By:Brandt Consolidated, Inc.  
2935 So. Koke Mill Road  
Springfield, IL 62711Emergency Phone NumbersCHEMTREC (24-Hour Emergency Number): (800) 424-9300  
EPA National Response Center: (800) 424-8802**SECTION 2. INGREDIENTS**

CHEMICAL	CAS NO.	%	TLV OR PEL	RQ (lbs)
Sodium C14-16 Alpha Olefin Sulfonate	68439-57-6	25 – 30%	*N.E.	*N.P.
Cocamidopropyl Betaine	617689-40-0	5 – 10%	N.E.	N.P.
Ethylene Glycol Monobutyl Ester	111-76-2	5 – 10%	50 ppm	5,000
Sodium Lauroyl Sarcosinate	137-16-6	0 – 5%	N.E.	N.P.
Sodium Salt of Pyroglutemic Acid	28874-51-3	0 – 5%	N.E.	N.P.

\*N.E. – Not established.

\*N.P. – Not pertinent.

**SECTION 3. EMERGENCY/HAZARDS OVERVIEW**

Amber liquid with sweet odor. Avoid contact with skin and eyes. May cause severe eye irritation. May cause skin irritation. Harmful if swallowed. Prolonged inhalation may cause respiratory irritation. Avoid strong acids and oxidizers. Not D.O.T. Regulated.

HEALTH: 1      REACTIVITY: 0      FLAMMABILITY: 0      ENVIRONMENT: 0  
(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)**SECTION 4. FIRST AID**

Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

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

Ingestion: Call a poison control center or physician immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth and get medical attention.

SECTION 5.	FIRE AND EXPLOSION HAZARDS
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Flash Point:	Does not flash.
Test Method:	Not determined.
LEL Flammable Limits:	Not determined.
UEL Flammable Limits:	Not determined.
Autoignition Temperature:	Not determined.
Flammability Classification:	Noncombustible.
Known Hazardous Products of Combustion:	None known.
Properties that Initiate/Contribute to Intensity of Fire:	None known.
Potential For Dust Explosion:	None.
Reactions that Release Flammable Gases or Vapors:	Not known.
Potential For Release of Flammable Vapors:	Not known.
Unusual Fire & Explosion Hazards:	None known.
Extinguishing Media:	Carbon dioxide, chemical, foam, or water fog.
Special Firefighting Procedures:	Wear positive pressure, self-contained breathing apparatus and full protective clothing. Avoid smoke inhalation. Contain any liquid runoff.

SECTION 6.	SPILLS AND LEAKS
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Containment:	Prevent product spillage from entering drinking water supplies or streams.
Clean Up:	Collect and package for disposal.
Evacuation:	Not necessary.

SECTION 7.	STORAGE AND HANDLING
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Storage:	Store in original container only in a cool, well-ventilated, dry location. Keep away from strong acids. Do not store near food or feeds. Do not stack pallets more than two (2) high.
Transfer Equipment:	Transfer product using chemical-resistant plastic tanks, pumps, valves, etc.
Work/Hygienic Practices:	Keep out of reach of children. Harmful if there is contact with eyes. Harmful if swallowed. Avoid breathing of spray mists. Avoid contact with skin, eyes or clothing. Handlers must wear long-sleeved shirt and long pants, chemical resistant gloves, shoes plus socks and protective eyewear. Wash with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

SECTION 8.	PERSONAL PROTECTIVE EQUIPMENT
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Eyes:	Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.
Skin:	Wear impervious clothes, chemical-resistant gloves, shoes plus socks.
Respiratory:	Not normally needed. If use generates a respiratory irritation, use NIOSH-approved dust/mist respirator (such as 3M #8710).
Ventilation:	Recommended, but no TLV established.

**SECTION 9. PHYSICAL AND CHEMICAL DATA**

Appearance:	Amber liquid.
Odor:	Sweet odor.
pH:	8.0– 9.0
Vapor Pressure:	Not determined.
Vapor Density (Air=1):	Not determined.
Boiling Point:	>212°F.
Freezing Point:	Not available.
Water Solubility:	100% Water Soluble
Specific Gravity:	1.015 +/- 0.05
Evaporation Rate:	Not determined.
Viscosity:	Not determined.
% Volatile:	>50%
Octanol/Water Partition Coefficient:	Not available.
Saturated Vapor Concentration:	Not available.

**SECTION 10. STABILITY AND REACTIVITY**

Stability:	Stable.
Conditions To Avoid:	None known.
Incompatibility:	Avoid contact with strong acids and strong oxidizers.
Hazardous Decomposition Products:	May form carbon dioxide and carbon monoxide.
Hazardous Polymerization:	Will not occur.

**SECTION 11. POTENTIAL HEALTH EFFECTS**Acute Effects:

Eyes:	May cause severe eye irritation. May cause moderate corneal injury.
Skin:	Brief contact may cause slight skin irritation with local redness. Prolonged contact may cause dermatitis.
Ingestion:	Moderate toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury.
Inhalation:	Not expected, but excessive exposure may cause irritation to upper respiratory tract (nose and throat).

Subchronic Effects: None known.

Chronic Effects: None known.

**SECTION 12. ECOLOGICAL INFORMATION**

Algal/Lemna Growth Inhibition:	Not known.
Toxicity to Fish and Invertebrates:	Not known.
Toxicity to Plants:	Not known.
Toxicity in Birds:	Not known.

SECTION 13.	DISPOSAL
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Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents in accordance with state and local waste disposal regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal.

SECTION 14.	TRANSPORTATION
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D.O.T.: Not D.O.T. Regulated.

SECTION 15.	REGULATORY INFORMATION
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CERCLA: Ethylene glycol is listed as a priority pollutant under the Clean Water Act and, as such, falls under the CERCLA spill reporting requirements of 40 CFR 302.

SARA TITLE III, Section 313 Toxic Chemicals: Ethylene glycol (5 – 10%)

SECTION 16.	OTHER
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