

# MATERIAL SAFETY DATA SHEET

UNFOAMER®

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL CHEMTREC - DAY OR NIGHT 1-800-424-9300

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### FORMULATED FOR:

LOVELAND PRODUCTS, INC.  
P.O. Box 1286 • Greeley, CO 80632-1286

24-Hour Emergency Phone: 1-800-424-9300  
Medical Emergencies: 1-866-944-8565  
U.S. Coast Guard National Response Center: 1-800-424-8802

**PRODUCT NAME:** UNFOAMER® ANTIFOAMING/DEFOAMING AGENT  
**CHEMICAL NAME:** Dimethylpolysiloxane; methylated silicone; Polypropylene glycol  
**CHEMICAL FAMILY:** Anti-foamer – De-foamer  
**CA REG. NO.:** 34704-50062  
**WA REG. NO.:** 34704-09002  
**MSDS Number:** 8086951-10-LPI

**MSDS Revisions:** Sections 1 and 4

**Date of Issue:** 07/21/10

**Supersedes:** 12/19/08

## 2. HAZARDS IDENTIFICATION SUMMARY

**KEEP OUT OF REACH OF CHILDREN – CAUTION –** Harmful if inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling.

This product is white liquid with a mild odor.

## 3. COMPOSITION, INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>TLV (Units)</u>
Dimethylpolysiloxane, polypropylene glycol, and Methylated silicone, also contains Glycerine	12.50	Mixture 56-81-5	none established 10 mg/m <sup>3</sup>
Other Ingredients	87.50		

## 4. FIRST AID MEASURES

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

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.

## 5. FIRE FIGHTING MEASURES

**FLASH POINT (°F/Test Method):** >212°F / >100°C (TCC)  
**FLAMMABLE LIMITS (LFL & UFL):** Not established  
**EXTINGUISHING MEDIA:** Carbon dioxide (CO<sub>2</sub>), or dry chemical.  
**HAZARDOUS COMBUSTION PRODUCTS:** None known.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus and full protective gear. Do not use a direct stream of water.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Dike area to contain run-off and prevent contamination of water supplies. Product may produce a floating fire.

## 6. ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wear appropriate personal protective equipment (refer to Section 8) when responding to spills. Shut off source of leak if safe to do so. Dike and contain spill. Soak up residue with absorbent such as clay, sand or other suitable material and dispose of properly. Flush area with water to remove trace residue. Contain runoff from residue flush and dispose of properly. Place in container for proper disposal. Check local, state and federal regulations for proper disposal.

**CAUTION:** Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

## 7. HANDLING AND STORAGE

**HANDLING:** Wear chemical-resistant gloves, long-sleeved shirt and long pants, shoes plus socks when mixing or applying. Wash with soap and water after handling and before eating, drinking, chewing gum or smoking tobacco. Remove and wash clothing before reuse.

**STORAGE:** Do not contaminate water, food, or feed by storage or disposal. Store in original container. Keep from freezing. Shake well before using. Keep container tightly closed.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** Work in well-ventilated area. Local ventilation may be required if working in confined spaces.  
**RESPIRATORY PROTECTION:** Wear a NIOSH approved respirator for pesticides if necessary.  
**EYE PROTECTION:** Chemical goggles or shielded safety glasses.  
**SKIN PROTECTION:** Wear long sleeved shirt, long pants, and shoes with socks. Wear chemical-resistant gloves.

Glycerin	<b>OSHA PEL 8 hr TWA</b> 5 mg/m <sup>3</sup> (respirable fraction)	<b>ACGIH TLV-TWA</b> 10 mg/m <sup>3</sup> (mist)
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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE AND ODOR:</b> White liquid with mild odor	<b>BULK DENSITY:</b> 8.34 lbs/gal.	<b>SOLUBILITY:</b> Disperses pH: 5.0 - 7.0
<b>SPECIFIC GRAVITY (Water = 1):</b> 1.00 g/ml	<b>BOILING POINT:</b> Not established	
<b>VAPOR PRESSURE:</b> Not established	<b>EVAPORATION RATE:</b> Not established	
<b>PERCENT VOLATILE (by volume):</b> 82.5 – 87.5%		

Note: These physical data are typical values based on material tested but may vary from sample to sample.  
 Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

**10. STABILITY AND REACTIVITY**

**STABILITY:** Stable **CONDITIONS TO AVOID:** Cold temperatures.  
**INCOMPATIBILITY:** Inorganic acids and inorganic bases.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Monoxide from burning.  
**HAZARDOUS POLYMERIZATION:** Will not occur.

**11. TOXICOLOGICAL INFORMATION**

<b>Acute Oral LD<sub>50</sub> (rat):</b> >5000 mg/kg [EPA Category IV]	<b>Acute Dermal LD<sub>50</sub> (rat):</b> >2000 mg/kg [EPA Category IV]
<b>Eye Irritation (rabbit):</b> Not an irritant [EPA Category IV]	<b>Skin Irritation (rabbit):</b> Moderate skin irritant [EPA Category III]
<b>Inhalation LC<sub>50</sub> (rat):</b> Not established	<b>Skin Sensitization (guinea pig):</b> Not a sensitizer
<b>Carcinogenic Potential:</b> None listed by OSHA, NTP, IARC, and ACGIH as a carcinogen	

**12. ECOLOGICAL INFORMATION**

**Aquatic Acute Toxicity**

Rainbow Trout - 96 HR LC <sub>50</sub> : 17.6 mg/L	NOEC: 12.5 mg/L
Daphnia Magna - 48 HR EC <sub>50</sub> : 9.3 mg/L	NOEC: 7.5 mg/L

**13. DISPOSAL CONSIDERATIONS**

Do not reuse empty container. Do not contaminate water, food, or feed by storage or disposal. Wastes may be disposed of on site or at an approved waste disposal facility. Triple rinse (or equivalent), adding rinse water to spray tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by appropriate authorities. Recycling decontaminate containers is the best option of container disposal. The Agricultural Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at <http://www.acrecycle.org/>.

**14. TRANSPORT INFORMATION**

**DOT Shipping Description:** NOT REGULATED BY USDOT.  
**Freight Classification:** ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610; CLASS: 60)

**15. REGULATORY INFORMATION**

<b>NFPA &amp; HMIS Hazard Ratings:</b>	<b>NFPA</b>		<b>HMIS</b>
	1 Health	0 Least	1 Health
	0 Flammability	1 Slight	0 Flammability
	0 Instability	2 Moderate	0 Reactivity
		3 High	H PPE
		4 Severe	

**SARA Hazard Notification/Reporting**  
**SARA Title III Hazard Category:** Immediate Y Fire N Sudden Release of Pressure N  
 Delayed N Reactive N

**Reportable Quantity (RQ) under U.S. CERCLA:** Not listed  
**SARA, Title III, Section 313:** Not listed  
**RCRA Waste Code:** Not listed  
**CA Proposition 65:** Not listed

**16. OTHER INFORMATION**

**MSDS STATUS:** Sections 1 and 4 revised

**PREPARED BY:** Registrations and Regulatory Affairs

**REVIEWED BY:** Environmental/ Regulatory Services

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