

MATERIAL SAFETY DATA SHEET

BREAKER™

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: 1-800-301-7976

PRODUCT NAME: BREAKER™
CHEMICAL NAME: Dimethylpolysiloxane
CHEMICAL FAMILY: Anti-foam
EPA REG. NO.: Not applicable
MSDS Number: 8203190-10-LPI **MSDS Revisions:** All sections revised **Date of Issue:** 06/01/10 **Supersedes:** 06/14/07

2. HAZARDS IDENTIFICATION SUMMARY

KEEP OUT OF REACH OF CHILDREN – CAUTION - Liquid may cause eye irritation. Wear eye protection and chemical resistant gloves.
This product is a cloudy, white liquid with mild odor. Primary routes of entry are eye contact and skin contact.

3. COMPOSITION, INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>TLV (Units)</u>
No hazardous ingredients exceed 1% of total mixture			

4. FIRST AID MEASURES

If in Eyes: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids apart. Call a physician.
If on Skin: Remove contaminated clothing. Immediately flush skin with water for at least 15 minutes. Thoroughly clean clothing and shoes before reuse. Call a physician.
If Inhaled: Remove to fresh air. If not breathing give artificial respiration, preferably by mouth to mouth. If breathing is difficult give oxygen. Call a physician.
If Swallowed: Immediately call a physician or poison control center. DO NOT induce vomiting unless told to do so by a physician or poison control center. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method): >212°F (>100°C) / TCC
FLAMMABLE LIMITS (LEL & UEL): Not established
EXTINGUISHING MEDIA: Water spray, fog.
HAZARDOUS COMBUSTION PRODUCTS: None known.
SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool containers exposed to fire. Remain upwind. Avoid breathing smoke. Wear self-contained breathing apparatus and full protective gear. Avoid using heavy streams of water.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Product may produce a floating fire.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Spills may be collected with absorbent material and placed in a container for proper disposal in accordance with Local Regulations. Prevent runoff from entering sewer drains and waterways.

7. HANDLING AND STORAGE

HANDLING: Avoid eye and skin contact. Wear protective equipment when handling. Keep away from heat, lights fire, and sparks.
STORAGE: Store in a cool, dry place. Store in original container. Keep tightly closed. Keep out of reach of children. Do not reuse empty container. Do not store below 32°F/0°C. Do not contaminate water, food or feed by storage or disposal.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Local ventilation recommended. Work in well-ventilated area.
RESPIRATORY PROTECTION: Not required for normal use and handling.
EYE PROTECTION: Chemical goggles or shielded safety glasses.
SKIN PROTECTION: Wear protective clothing: long-sleeved shirts and pants, hat, rubber boots with socks. Wear rubber or chemical-resistant gloves.

OSHA PEL 8 hr TWA
none listed

ACGIH TLV-TWA
none listed

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Cloudy, white liquid with mild odor. **BULK DENSITY:** 1,00 kg/liter **SOLUBILITY:** Dispersible
SPECIFIC GRAVITY (Water = 1): 1,00 g/ml **BOILING POINT:** >212°F (>100°C) / TCC **pH:** 8.5 – 10.8
VAPOR PRESSURE: Not established **EVAPORATION RATE:** Not established
PERCENT VOLATILE (by volume): 90%
 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:** None known.
INCOMPATIBILITY: Avoid inorganic acids and inorganic bases.
HAZARDOUS DECOMPOSITION PRODUCTS: Combustion can produce oxides of carbon.
HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀ (rat): Not established **Acute Dermal LD₅₀ (rabbit):** Not established
Eye Irritation (rabbit): Mild irritant **Skin Irritation (rabbit):** Slight irritant
Inhalation LC₅₀ (rat): Not established **Skin Sensitization (guinea pig):** Not a sensitizer
Carcinogenic Potential: Nothing listed in NTP, IARC, ACGIH or OSHA.

12. ECOLOGICAL INFORMATION

Do not contaminate water, food or feed by storage or disposal.

13. DISPOSAL CONSIDERATIONS

Do not reuse containers. Triple rinse (or equivalent) adding rinse water to spray tank, then offer for recycling at an ACRC site (go to <http://www.acrecycle.org/> for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by appropriate authorities. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food or feed storage or disposal.

14. TRANSPORT INFORMATION

DOT/TDG Shipping Description: NOT REGULATED
U.S. Surface Freight Classification: ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610; CLASS: 60)
Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

15. REGULATORY INFORMATION

NFPA & HMIS Hazard Ratings:	NFPA		HMIS	
	1 Health	0 Least	1 Health	
	0 Flammability	1 Slight	0 Flammability	
	0 Instability	2 Moderate	0 Reactivity	
		3 High	G PPE	
		4 Severe		

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

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: All sections reviewed and/or revised

PREPARED BY: Registrations and Regulatory Affairs

REVIEWED BY: Environmental/ Regulatory Services

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