

**FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL DAY OR NIGHT 1-800-561-8273  
or CHEMTREC 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:** 1-800-561-8273  
**Medical Emergencies (ProSAR):** 1-800-301-7976  
**Additional Emergency Phone (Canutec):** 1-613-996-6666 (Collect)

**DISTRIBUTED BY:**

UNITED AGRI PRODUCTS CANADA, INC.  
789 Donnybrook Drive • Dorchester, Ontario N0L 1G5

**CHEMICAL IDENTITY:** Methylated Seed Oil of Soybean

**CHEMICAL FAMILY:** Adjuvant

**PCP REG. NO.:** 28385

**MSDS Number:** 28385-08-LPI - UAP

**MSDS Revisions:** New

**Date of Issue:** 03/13/08

**Supersedes:** New

**2. HAZARDS IDENTIFICATION SUMMARY**

**KEEP OUT OF REACH OF CHILDREN – WARNING POISON –** May be fatal if inhaled. DO NOT inhale sprays. May be hazardous if swallowed. Avoid contact with eyes. Wear long-sleeved shirt, long pants and chemical resistant gloves during mixing, loading, application, clean-up, and repair. Consult the tank mix partner for any additional protection. **WARNING, CONTAINS THE ALLERGEN, SOY.**  
This product is a yellow liquid with mild characteristic fatty odor.

**3. COMPOSITION, INFORMATION ON INGREDIENTS**

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>TLV (Units)</u>
Methylated Seed Oil of Soybean	70.00	Mixture	none established

**4. FIRST AID MEASURES**

**IF ON SKIN:** Remove all contaminated clothing. Wash skin and hair thoroughly with soap and water. Wash clothing before reuse. If irritation persists, get medical attention.  
**IF IN EYES:** Flush with running water for at least 15 minutes while holding eyelids open to flush out material. Get medical attention.  
**INGESTION:** Drink 1 - 2 glasses of water. DO NOT induce vomiting. Keep head lower than chest to avoid aspiration into lungs. Call a physician immediately or contact a poison control centre.  
**INHALATION:** Remove to fresh air. If breathing is difficult, administer oxygen; if breathing stops administer artificial respiration. Get medical attention immediately.

**FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-301-7976.** Have the product label or container with you when calling a poison control centre or doctor, or going for treatment.

**5. FIRE FIGHTING MEASURES**

**FLASH POINT (°F/Test Method):** >212°F / >100°C (T.C.C.)  
**FLAMMABLE LIMITS (LFL & UFL):** Not established  
**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide (CO<sub>2</sub>), foam, water spray or fog.  
**HAZARDOUS COMBUSTION PRODUCTS:** May include but are not limited to oxides of carbon and oxides of sulfur.  
**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.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Burning material may float. Not considered explosive.

**6. ACCIDENTAL RELEASE MEASURES**

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

Collect as much liquid as possible in a clean container for reuse or absorb and sweep up immediately and transfer to suitable containers for disposal. Flush spill area with water after clean up. 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:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Use with adequate ventilation.  
**STORAGE:** Container must be tightly closed during storage.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** Work in well-ventilated area, local exhaust may be required if working in confined space.  
**RESPIRATORY PROTECTION:** Not normally required, if vapors or dusts exceed acceptable levels, wear a NIOSH/ MSHA approved pesticide respirator.  
**EYE PROTECTION:** Chemical goggles or shielded safety glasses, if necessary.  
**SKIN PROTECTION:** Wear protective clothing: long-sleeved shirts and pants, shoes with socks.

For product	<b>OSHA PEL 8 hr TWA</b> not established	<b>ACGIH TLV-TWA</b> not established
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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE AND ODOR:</b> Yellow liquid with mild characteristic fatty odor	<b>SOLUBILITY:</b> Emulsifies
<b>SPECIFIC GRAVITY (Water = 1):</b> 0.900 g/ml	<b>BULK DENSITY:</b> 0.9 kg/L
<b>VAPOR PRESSURE:</b> Not established	<b>BOILING POINT:</b> >200°F/93.4°C
<b>PERCENT VOLATILE (by volume):</b> Not established	<b>EVAPORATION RATE:</b> Not established

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:** Prolonged excessive heat.  
**INCOMPATIBILITY:** Strong acids, bases, oxidizers.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.  
**HAZARDOUS POLYMERIZATION:** Will not occur.

**11. TOXICOLOGICAL INFORMATION**

<b>Acute Oral LD<sub>50</sub> (rat):</b> 5000 mg/kg	<b>Acute Dermal LD<sub>50</sub> (rat):</b> > 4000 mg/kg
<b>Eye Irritation (rabbit):</b> Minimal irritant	<b>Skin Irritation (rabbit):</b> Minimal irritant
<b>Inhalation LC<sub>50</sub> (rat):</b> >0.05 mg/L	<b>Skin Sensitization (guinea pig):</b> Not a sensitizer
<b>Carcinogenic Potential:</b> None listed in OSHA, NTP, IARC or ACGIH	

**12. ECOLOGICAL INFORMATION**

Not determined.

**13. DISPOSAL CONSIDERATIONS**

Do not reuse product containers. Triple or pressure-rinse the empty container, adding the rinsate to the spray tank. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills. Do not contaminate water, food, or feed by 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**

<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: WARNING:** This product contains < 1 ppm Ethylene Oxide (CAS: 75-21-8), a chemical known to the State of California to cause cancer or birth defects or other reproductive harm.

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**16. OTHER INFORMATION**

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**MSDS STATUS:** New

**PREPARED BY:** Registrations and Regulatory Affairs

**REVIEWED BY:** Environmental/ Regulatory Services

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