

IN CASE OF EMERGENCY DUE TO A MAJOR SPILL, FIRE OR POISONING INVOLVING THIS PRODUCT CALL DAY OR NIGHT, 1-800-561-8273 or CHEMTREC 1-800-424-9300

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### MANUFACTURED FOR and DISTRIBUTED BY:

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

24-Hour Emergency Phone: 1-800-561-8273  
Additional Emergency Phone (Canutec): 1-613-996-6666 (Collect)

CHEMICAL IDENTITY: Methylated Seed Oil of Soybean

CHEMICAL FAMILY: Adjuvant

PCP REG. NO.: 28385

MSDS Number: 28385-12-LPI

MSDS Revisions: Sections 1 and 4

Date of Issue: 09/13/12

Supersedes: 03/13/11

## 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 odour.

## 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        | not listed         |

## 4. FIRST AID MEASURES

|                                |                                                                                                                                                                                                                                                                         |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>If swallowed:</b>           | Call a poison control centre or doctor 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 a poison control centre or doctor. Do not give anything by mouth to an unconscious person. |
| <b>If on skin or clothing:</b> | Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control centre or doctor for further treatment advice.                                                                                                  |
| <b>If inhaled:</b>             | 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 centre or doctor for further treatment advice.                                       |
| <b>If in eyes:</b>             | Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.                                           |

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-561-8273. Take container, label or product name and Pest Control Product Registration number with you when seeking medical attention.

## 5. FIRE FIGHTING MEASURES

|                                            |                                                                                                                                                             |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>FLASH POINT (°F/Test Method):</b>       | >212°F / >100°C (T.C.C.)                                                                                                                                    |
| <b>FLAMMABLE LIMITS (LFL &amp; UFL):</b>   | Not established                                                                                                                                             |
| <b>EXTINGUISHING MEDIA:</b>                | Dry chemical, carbon dioxide (CO <sub>2</sub> ), foam, water spray or fog.                                                                                  |
| <b>HAZARDOUS COMBUSTION PRODUCTS:</b>      | May include but are not limited to oxides of carbon and oxides of sulfur.                                                                                   |
| <b>SPECIAL FIRE FIGHTING PROCEDURES:</b>   | Use water spray to cool containers exposed to fire. Remain upwind. Avoid breathing smoke. Wear self-contained breathing apparatus and full protective gear. |
| <b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b> | 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

|                  |                                                                                                                    |
|------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>HANDLING:</b> | Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Use with adequate ventilation. |
| <b>STORAGE:</b>  | Container must be tightly closed during storage.                                                                   |

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**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.

|             |                          |                      |
|-------------|--------------------------|----------------------|
|             | <b>OSHA PEL 8 hr TWA</b> | <b>ACGIH TLV-TWA</b> |
| For product | not established          | not established      |

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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|                                                                                                                |                                          |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------|
| <b>APPEARANCE AND ODOUR:</b> Yellow liquid with mild characteristic fatty odour                                | <b>SOLUBILITY:</b> Emulsifies            |
| <b>SPECIFIC GRAVITY (Water = 1):</b> 0.900 g/ml                                                                | <b>pH:</b> 6.9 (1% solution)             |
| <b>VAPOUR PRESSURE:</b> Not established                                                                        | <b>BULK DENSITY:</b> 0.9 kg/L            |
| <b>PERCENT VOLATILE (by volume):</b> Not established                                                           | <b>BOILING POINT:</b> >200°F/93.4°C      |
| Note: These physical data are typical values based on material tested but may vary from sample to sample.      | <b>EVAPORATION RATE:</b> Not established |
| Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items. |                                          |

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**10. STABILITY AND REACTIVITY**

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

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**11. TOXICOLOGICAL INFORMATION**

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|------------------------------------------------------------------------|----------------------------------------------------------|
| <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 |                                                          |

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**12. ECOLOGICAL INFORMATION**

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Not determined.

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**13. DISPOSAL CONSIDERATIONS**

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Do not reuse containers for any purpose. Refillable Container: For disposal, the container may be returned to the point of purchase (dealer/distributor). It must be refilled by the dealer/distributor with the same product. Container is recyclable, and is to be disposed of at a container collection site. Contact your local dealer/distributor for the location of the nearest collection site. Before taking container to the collection site: Triple or pressure-rinse the empty container, adding the rinsate to the spray tank. Make the empty container unsuitable for further use. If there is no container collection site in your area, 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. Do not contaminate water, food, or feed by storage or disposal.

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**14. TRANSPORT INFORMATION**

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**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

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**15. REGULATORY INFORMATION**

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**NFPA & HMIS Hazard Ratings:****NFPA**

|   |              |   |          |
|---|--------------|---|----------|
| 1 | Health       | 0 | Least    |
| 0 | Flammability | 1 | Slight   |
| 0 | Instability  | 2 | Moderate |
|   |              | 3 | High     |
|   |              | 4 | Severe   |

**HMIS**

|   |              |
|---|--------------|
| 1 | Health       |
| 0 | Flammability |
| 0 | Reactivity   |
| G | PPE          |

**SARA Hazard Notification/Reporting****SARA Title III Hazard Category:**

|           |          |
|-----------|----------|
| Immediate | <u>Y</u> |
| Delayed   | <u>N</u> |

|          |          |
|----------|----------|
| Fire     | <u>N</u> |
| Reactive | <u>N</u> |

|                            |          |
|----------------------------|----------|
| Sudden Release of Pressure | <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 applicable**WHMIS [Canada]:** Pest control products are not controlled under WHMIS. Classified D2B

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**16. OTHER INFORMATION**

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**MSDS STATUS:** Sections 1 and 4 revised**PREPARED BY:** Registrations and Regulatory Affairs**REVIEWED BY:** Environmental Safety and Health*MSO is a trademark of Loveland Products Canada, Inc.*

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