

# MATERIAL SAFETY DATA SHEET

HI-WETT®

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: HI-WETT® SUPER SPREADER

CHEMICAL NAME: Mixture

CHEMICAL FAMILY: Surfactant

CA REG. NO.: 34704-50066

WA REG. NO.: not applicable

MSDS Number: 8001890-10-LPI

MSDS Revisions: New

Date of Issue: 07/28/10

Supersedes: New

## 2. HAZARDS IDENTIFICATION SUMMARY

**KEEP OUT OF REACH OF CHILDREN – WARNING/AVISO** – Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Avoid breathing vapor or mist. Wear appropriate eyewear such as goggles, face shield, or safety glasses. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or smoking tobacco. Remove and wash contaminated clothing before reuse.

This product is clear, colorless 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>
Polysiloxane polyether copolymer, Alcohol Ethoxylate, and Polyoxyethylene-polyoxypropylene copolymer	100.00	Mixture	none established

## 4. FIRST AID MEASURES

<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 center or doctor for treatment advice.
<b>If on Skin or clothing:</b>	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.
<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 center or doctor for further treatment advice.
<b>If Swallowed:</b>	Call a poison control center or doctor for treatment advice. Have the 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.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: **1-866-944-8565**. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

## 5. FIRE FIGHTING MEASURES

<b>FLASH POINT (°F/Test Method):</b>	>212°F / >100°C (PMCC)
<b>FLAMMABLE LIMITS (LFL &amp; UFL):</b>	Not established
<b>EXTINGUISHING MEDIA:</b>	Foam, Dry chemical, CO <sub>2</sub> , or water spray.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Oxides of carbon and oxides of silicon from burning.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Wear self-contained breathing apparatus and full protective gear.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	Dike area to contain run-off and prevent contamination of water supplies. Burning may produce toxic fumes, carbon monoxide, carbon dioxide and oxides of silicon.

## 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

<b>HANDLING:</b>	Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
<b>STORAGE:</b>	Keep in original container. Do not reuse empty containers. Store in a cool, dry place. Protect from excessive heat. Do not store below 39°F / 4°C as product will freeze. Do not contaminate water, food or feed by storage or disposal.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**ENGINEERING CONTROLS:** Not normally required.  
**RESPIRATORY PROTECTION:** Wear a NIOSH approved respirator if necessary.  
**EYE PROTECTION:** Chemical goggles or shielded safety glasses.  
**SKIN PROTECTION:** Wear chemical-resistant gloves, long-sleeved shirt and long pants, and shoes plus socks.

	OSHA PEL 8 hr TWA	ACGIH TLV-TWA
For product	not established	not established

**Personal Protective Equipment: Applicators and other handlers must wear:** long-sleeved shirt and long pants, chemical-resistant gloves, made of any waterproof material such as polyethylene or polyvinyl chloride (PVC), protective eyewear and shoes plus socks. Follow manufacturer's instructions for cleaning and maintaining PPE. If no instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>APPEARANCE AND ODOR:</b> Clear, colorless liquid with a mild odor	<b>SOLUBILITY:</b> Dispersible
<b>SPECIFIC GRAVITY (Water = 1):</b> 1.0067 g/ml	<b>pH:</b> Not established
<b>VAPOR PRESSURE:</b> 1.00 mm Hg @ 20°C	
<b>PERCENT VOLATILE (by volume):</b> 79.09 g/L	
<b>BULK DENSITY:</b> 8.40 lbs/gal.	
<b>BOILING POINT:</b> >150°C	
<b>EVAPORATION RATE:</b> <1 (Butyl Acetate = 1)	

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.

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**10. STABILITY AND REACTIVITY**

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**STABILITY:** Stable  
**CONDITIONS TO AVOID:** None known.  
**INCOMPATIBILITY:** Avoid contact with strong oxidizers, strong acids and bases at high temperatures and materials that are reactive with hydroxyl compounds.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon, oxides of silicon from burning.  
**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> >2000 mg/kg [OECD Guideline No. 423]	<b>Acute Dermal LD<sub>50</sub> (rat):</b> >2000 mg/kg [OECD Guideline No. 402]
<b>Eye Irritation (rabbit):</b> Moderate irritant [OECD Guideline No. 405]	<b>Skin Irritation (rabbit):</b> Slight skin irritant [OECD Guideline No. 404]
<b>Inhalation LC<sub>50</sub> (rat):</b> Not established	<b>Skin Sensitization (mouse):</b> Sensitizer [OECD Guideline No. 429]
<b>Carcinogenic Potential:</b> None listed by OSHA, NTP, IARC, and ACGIH as a carcinogen	

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**12. ECOLOGICAL INFORMATION**

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Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters. (Not for aquatic uses in Washington).

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**13. DISPOSAL CONSIDERATIONS**

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Do not reuse empty container. Wastes may be disposed of on site or at an approved waste disposal facility. Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container 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/>. Decontaminated containers may also be disposed of in a sanitary landfill. Do not contaminate water, food or feed by storage or disposal.

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**14. TRANSPORT INFORMATION**

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**DOT Shipping Description:** NOT REGULATED BY USDOT.  
**Freight Classification:** ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610; CLASS: LTL 60, TL 35)  
**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**

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

**HMIS**

2	Health
1	Flammability
0	Reactivity
X	PPE

**SARA Hazard Notification/Reporting**

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

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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*®Hi-Wett is a registered trademark of Elliott Chemicals Limited, Auckland, N.Z.*

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