

MATERIAL SAFETY DATA SHEET

COMPADRE®

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: COMPADRE®
CHEMICAL NAME: Blend of Lecithin, alcohol ethoxylate, and methyl esters of fatty acid
CHEMICAL FAMILY: Drift Control Agent – Deposition Aid
CA REG. NO.: 34704-50050
WA REG. NO.: 34704-06004
MSDS Number: 8001350-10-LPI MSDS Revisions: Section 16 Date of Issue: 07/08/10 Supersedes: 06/23/09

2. HAZARDS IDENTIFICATION SUMMARY

Chemical Ingredients:	Percentage by Weight:	CAS No.	TLV (Units)
Lecithin, Alcohol ethoxylate, and methyl esters of fatty acids	100.00	8002-43-5	none established

3. COMPOSITION, INFORMATION ON INGREDIENTS

KEEP OUT OF REACH OF CHILDREN – CAUTION – Causes moderate eye irritation. 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 and before eating, drinking, chewing gum, or smoking tobacco. Remove and wash contaminated clothing before reuse.

This product is a brown-colored liquid with mild-bland odor. Primary routes of entry are inhalation, eye contact and skin contact.

4. FIRST AID MEASURES

If on 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.
If in eyes: 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.
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 swallowed: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. 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 label with you when calling a poison control center 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 (CO₂), 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: None

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Avoid breathing vapors and contact with liquid. 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: Use with adequate ventilation. See section 8 for PPE recommendations.
STORAGE: Store in a cool, dry place. Store in original container. Keep tightly closed. Do not reuse product container. Product will become thicker at cold temperatures. Warm product before use. Do not contaminate water, food or feed by storage or disposal.

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.
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	ACGIH TLV-TWA
For product	None established	None established

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Brown-colored liquid with mild-bland odor	SOLUBILITY: Miscible
SPECIFIC GRAVITY (Water = 1): 0.995 g/ml	BULK DENSITY: 8.30 lbs/gal.
VAPOR PRESSURE: Not established	BOILING POINT: Not established
PERCENT VOLATILE (by volume): Not established	EVAPORATION RATE: 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:** None known.
INCOMPATIBILITY: None known.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀ (rat): > 5000 mg/kg	Acute Dermal LD₅₀ (rabbit): > 2000 mg/kg
Eye Irritation (rabbit): Causes mild redness and swelling	Skin Irritation (rabbit): Skin redness and swelling may occur
Inhalation LC₅₀ (rat): Not established	Skin Sensitization (guinea pig): Not established
Carcinogenic Potential: None listed in OSHA, NTP, IARC or ACGIH	

12. ECOLOGICAL INFORMATION

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.
Aquatic Acute Toxicity: LC₅₀ – Rainbow Trout > 10 mg/L.
 Material is completely soluble in water.

13. DISPOSAL CONSIDERATIONS

Do not reuse product containers. Wastes may be disposed of on site or at an approved waster disposal facility. Triple rinse (or equivalent), adding rinse water to spray tank. Offer container for recycling or dispose of container in a sanitary landfill, or by other procedures approved by appropriate authorities. 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 www.acrecycle.org. Do not contaminate water, food or feed by storage or disposal.

14. TRANSPORT INFORMATION

DOT Shipping Description: NOT REGULATED BY USDOT
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:	<table border="0"> <tr><td>NFPA</td><td></td></tr> <tr><td>1 Health</td><td>0 Least</td></tr> <tr><td>0 Flammability</td><td>1 Slight</td></tr> <tr><td>0 Instability</td><td>2 Moderate</td></tr> <tr><td></td><td>3 High</td></tr> <tr><td></td><td>4 Severe</td></tr> </table>	NFPA		1 Health	0 Least	0 Flammability	1 Slight	0 Instability	2 Moderate		3 High		4 Severe	<table border="0"> <tr><td>HMIS</td><td></td></tr> <tr><td>1 Health</td><td></td></tr> <tr><td>0 Flammability</td><td></td></tr> <tr><td>0 Reactivity</td><td></td></tr> <tr><td>H PPE</td><td></td></tr> </table>	HMIS		1 Health		0 Flammability		0 Reactivity		H PPE	
NFPA																								
1 Health	0 Least																							
0 Flammability	1 Slight																							
0 Instability	2 Moderate																							
	3 High																							
	4 Severe																							
HMIS																								
1 Health																								
0 Flammability																								
0 Reactivity																								
H PPE																								

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: Ethylene Oxide (CAS: 75-21-8) 10 pounds (product contains < 1 ppm)

SARA, Title III, Section 313: Ethylene Oxide (CAS: 75-21-8) < 1 ppm

RCRA Waste Code: Not listed

CA Proposition 65: **WARNING:** This product contains chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

16. OTHER INFORMATION

MSDS STATUS: Section 16 revised

PREPARED BY: Registrations and Regulatory Affairs

REVIEWED BY: Environmental/ Regulatory Services

@Compadre is a registered trademark of Loveland Products, Inc.

Made with @Leci-Tech, a registered trademark of Loveland Products, Inc.

Disclaimer and Limitation of Liability: This data sheet was developed from information on the constituent materials identified herein and does not relate to the use of such materials in combination with any other material or process. No warranty is expressed or implied with respect to the completeness or ongoing accuracy of the information contained in this data sheet, and LOVELAND PRODUCTS, Inc. disclaims all liability for reliance on such information. This data sheet is not a guarantee of safety. Users are responsible for ensuring that they have all current information necessary to safely use the product described by this data sheet for their specific purpose.