

MATERIAL SAFETY DATA SHEET

ATTACH™

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

U.S. Coast Guard National Response Center: 1-800-424-8802

PRODUCT NAME: ATTACH™
CHEMICAL NAME: Pinene (terpene) Polymers, petrolatum, a- (p-Dodecylphenyl) – Omega-hydroxypoly (oxyethylene)
CHEMICAL FAMILY: Non-ionic Spreader-Sticker Adjuvant
CA REG. NO.: 34704-50026
MSDS Number: 50026-06-LPI

MSDS Revisions: Section 16

Date Of Issue: 12/14/06

Supersedes: 07/07/04

2. HAZARDS IDENTIFICATION SUMMARY

KEEP OUT OF REACH OF CHILDREN - CAUTION – May cause mild eye, skin, and throat irritation. May cause slight skin irritation. This product is a yellow to amber liquid with moderate odor. Primary routes of entry are Inhalation, 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>
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This products contains no hazardous ingredients

4. FIRST AID MEASURES

Eyes: Irrigate eyes with water for at least 15 minutes. Get medical attention.
Skin: Remove all contaminated clothing. Wash skin with soap and water.
Inhalation: Move person to fresh air. Call a physician.
Ingestion: Do not induce vomiting. Call a physician.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method): >392°F/>200°C
FLAMMABLE LIMITS (LEL & UEL): Not established.
EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical, water spray or sand/earth.
HAZARDOUS COMBUSTION PRODUCTS: Will emit oxides of carbon.
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: If water is used to fight fire or cool containers, dike to prevent runoff contamination of municipal sewers and waterways.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Eliminate sources of ignition. Dike or impound to keep product out of sewers and watercourses. Absorb spill with inert material and shovel into waste containers for disposal. Wash area with water. Absorb water with inert material and continue this procedure until no odor remains.

CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

7. HANDLING AND STORAGE

HANDLING: Keep containers closed when not in use. Keep away from sources of ignition. Avoid contact with skin and eyes. Do not breathe fumes or vapor. Keep out of reach of children and animals. After working with this product, thoroughly clean equipment. Wash thoroughly, change clothing, and clean protective equipment. Prevent eating, drinking, tobacco usage, and cosmetic application in work area to minimize exposure.
STORAGE: Do not contaminate water, food, or feed by storage or disposal. Store between 40.5°F (4.7°C) and 120.5°F (49.2°C)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Mechanical ventilation is preferred.
RESPIRATORY PROTECTION: A MSHA/NIOSH approved respirator should be worn where vapor inhalation could occur.
EYE PROTECTION: Chemical goggles.
SKIN PROTECTION: Wear chemical-resistant apron, clean body-covering clothing, boots, hat, and chemical-resistant gloves.

OSHA PEL 8 hr TWA
Not listed

ACGIH TLV-TWA
not listed

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Yellow to amber liquid with moderate odor
SPECIFIC GRAVITY (Water = 1): 0.92-0.94 g/ml
VAPOR PRESSURE: Not established
PERCENT VOLATILE (by volume): Not applicable
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.

BULK DENSITY: 7.67-7.84 lbs/gal
BOILING POINT: Not established
EVAPORATION RATE: Not applicable

SOLUBILITY: Emulsifies
pH: 6.5-7.5 (5% solution)

10. STABILITY AND REACTIVITY

STABILITY: Stable
INCOMPATIBILITY: Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: Will emit oxides of carbon in a fire situation.
HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Excessive heat, sources of ignition, and strong oxidizers.

11. TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀ (rat): > 5050 mg/kg
Eye Irritation (rabbit): May cause mild irritation
Inhalation LC₅₀ (rat): >5.26 mg/L.
Carcinogenic Potential: None listed in OSHA, NTP, IARC or ACGIH

Acute Dermal LD₅₀ (rabbit): >5050 mg/kg
Skin Irritation (rabbit): May cause mild irritation
Skin Sensitization (guinea pig): Not a sensitizer.

12. ECOLOGICAL INFORMATION

Do not apply directly to water. Material may be harmful to fish, livestock, and wildlife. Ammonia is a toxic hazard to fish. Will release ammonium ions. Releases to watercourses may cause effects downstream from the point of discharge. Material is highly soluble and will disperse with current. Material will promote growth of algae, which may degrade water quality. Nitrate in potable drinking water should be maintained below 10 mg/L.

13. DISPOSAL CONSIDERATIONS

Do not reuse container. Plastic Jugs: Triple rinse (or equivalent), 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, incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Do not contaminate water, food, or feed by storage or disposal.

14. TRANSPORT INFORMATION

DOT Shipping Description: NOT REGULATED BY DOT BY HIGHWAY.
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	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: Not listed.

16. OTHER INFORMATION

MSDS STATUS: Revised disclaimer

PREPARED BY: Registrations and Regulatory Affairs

REVIEWED BY: Environmental/ Regulatory Services

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