

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 Industries, Inc.
P.O. Box 1289 • Greeley, CO 80632-1289

24-Hour Emergency Phone: 1-800-424-9300
Medical Emergencies: 1-800-228-5635 ext. 136

PRODUCT NAME: Latron B-1956® Spreader Sticker
CHEMICAL NAME: Mixture of Modified phthalic glycerol alkyd resin and butyl alcohol
CHEMICAL FAMILY: Surfactant
CALIF. REG. NO.: 36208-50036

Latron B-1956® is a registered trademark of Dow AgroSciences, LLC

MSDS Number: 50036-103

MSDS Revisions: Revised Sections 14 and 16

Date Of Issue: 01/31/03

Supersedes: 11/22/02

2. COMPOSITION, INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>TLV (Units)</u>
Modified phthalic glycerol alkyd resin	77.00	Trade Secret	None Established
Butyl alcohol	23.00	71-36-3	61 mg/m ³

3. HAZARDS IDENTIFICATION SUMMARY

CAUTION: KEEP OUT OF REACH OF CHILDREN

This product is a brown liquid with wine-like odor. Primary routes of entry are Inhalation, eye contact and skin contact.

4. FIRST AID MEASURES

Eyes: Flush eyes with large amount of water for at least 15 minutes. Consult a physician if irritation persists.
Skin: Remove all contaminated clothing. Wash skin, hair, and fingernails thoroughly with soap and water. If irritation persists seek medical attention. Wash clothing before reuse.
Ingestion: If swallowed, give 2 glasses of water to drink. Do not induce vomiting or give anything by mouth to an unconscious person. Call a physician to get medical attention; the emergency telephone number is 1-800-228-5635 extension 136
Inhalation: Move subject to fresh air. Give artificial respiration if breathing has stopped. If breathing is difficult, give oxygen. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method): 105°F/40.5°C Seta flash Closed Cup
FLAMMABLE LIMITS (LEL & UEL): 1.4% Butyl alcohol LEL; 11.2% Butyl alcohol UEL
EXTINGUISHING MEDIA: Considered combustible, use medium appropriate to surrounding fire. Dry chemical, carbon dioxide, foam, water spray or fog.
HAZARDOUS COMBUSTION PRODUCTS: None known.
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: Vapors can travel to a sources of ignition and flash back.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Eliminate all sources of ignition. Contain spills immediately with absorbent and transfer to suitable containers for possible recovery or for 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

HANDLING: Store in a warm place away from children, feed and food products, seed and excessive heat. Ground all containers when transferring material.
OTHER PRECAUTIONS: Containers are hazardous when empty (may retain product residue: vapors and/or liquid) follow all MSDS and label warnings even after container is emptied.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use explosion proof local exhaust ventilation with a minimum capture velocity of 100 ft./min. at the point of vapor evolution.
RESPIRATORY PROTECTION: Not normally required, if vapors or dusts exceed acceptable levels, wear a MSHA/NIOSH 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.

Butyl alcohol

OSHA PEL 8 hr TWA
300 mg/m³

ACGIH TLV-TWA
61 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Brown liquid with wine-like odor
SPECIFIC GRAVITY (Water = 1): 0.9732 g/ml
VAPOR PRESSURE: 4.2 mm Hg @ 20°C/68°F Butyl alcohol
PERCENT VOLATILE (by volume): 22 to 43%

BULK DENSITY: 8.12 lbs/gal.
BOILING POINT: 117°C/243°F Butyl alcohol
EVAPORATION RATE: 0.43 Butyl alcohol

SOLUBILITY: Disperses
pH: 7.0

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: Excessive heat, open flame, other ignition sources.
INCOMPATIBILITY: Oxidizers, copper, aluminum, nickel, and magnesium.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Oral LD50 (rat): >5000 mg/kg
Eye Irritation (rabbit): Moderate
Inhalation: May cause respiratory tract irritation.
Carcinogenic Potential: None listed in OSHA, NTP, IARC or ACGIH

Acute Dermal LD 50 (rabbit): >5000 mg/kg
Skin Irritation (rabbit): Moderate
Ingestion: May cause stomach distress, nausea or vomiting.

12. ECOLOGICAL INFORMATION

No data for this formulation.

13. DISPOSAL CONSIDERATIONS

Do not reuse container. Dispose of liquid and contaminated solids in accordance with local, state and federal regulations. (See 40 CFR 268).

14. TRANSPORT INFORMATION

DOT Shipping Description: < 119 gallons: Not regulated by DOT by highway.
DOT Shipping Description: > 119 gallons: Flammable Liquid, N.O.S. (Butyl Alcohol), 3, UN1993, III, ERG Guide 128
 Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

15. REGULATORY INFORMATION

SARA Hazard Notification/Reporting

NFPA & HMIS Hazard Ratings:		NFPA		HMIS
1	Health	0	Least	1 Health
2	Flammability	1	Slight	2 Flammability
0	Instability	2	Moderate	0 Reactivity
		3	High	H PPE
		4	Severe	

SARA Title III Hazard Category: Immediate Y Fire N Sudden Release of Pressure N
 Delayed Y Reactive N

Reportable Quantity (RQ) under U.S. CERCLA: Butyl alcohol (CAS: 71-36-3) 5000 pounds
SARA, Title III, Section 313: Butyl alcohol (CAS: 71-36-3) 23.0%
RCRA Waste Code: D001
CA Proposition 65: Not listed

16. OTHER

MSDS STATUS: Revised Sections 14 and 16

PREPARED BY: Registrations and Regulatory Affairs

REVIEWED BY: Environmental/ Regulatory Services

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