

MATERIAL SAFETY DATA SHEET

LLOYD, Inc.
Phone No. (712) 246-4000
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P.O. Box 130, Shenandoah, IA 51601-0130
Equ-Lin
MSDS Date: 10/13/92 (Original)
12/19/95, 6/28/06, 6/29/10 (Revised)

Product Name: Equ-Lin

1. INGREDIENTS: (% w/w), unless otherwise noted

COMPONENT	CAS#	%	EXPOSURE LIMITS, ppm		
			OSHA PEL	ACGIH TLV (mg/m ³)	OTHER LIMIT
Isopropyl Alcohol	67-63-0	70% v/v	400	400	500
Methyl Salicylate	119-36-8	8% v/v	None	None	None
Camphor	76-22-2	1.5% w/v	None	None	None

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Generally, only those ingredients composing $\geq 1\%$ ($\geq 0.1\%$ for carcinogens or suspect carcinogens) of the formula (w/w) and which have hazards identified are listed. In addition, other substances not hazardous per this OSHA Standard may be listed.

2. PHYSICAL DATA:

APPEARANCE: Clear green-colored gel with strong wintergreen odor
BOILING POINT: 185°F SPECIFIC GRAVITY (H₂O=1): 0.79
VAPOR PRESSURE (mm Hg): 33 @ 68°F MELTING POINT: -127°F
VAPOR DENSITY (Air=1): 2.1 EVAPORATION RATE (Butyl Acetate=1): 1.4
SOLUBILITY IN WATER: Complete

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT (Method Used): 73°F (TCC) FLAMMABLE LIMITS: 1% Volume in Air LOWER: 2; UPPER: 12
EXTINGUISHING MEDIA: Water fog, alcohol foam, CO₂, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves and rubber boots).

UNUSUAL FIRE AND EXPLOSION HAZARDS: Intense heat, containers should be cooled with water to prevent rupture.

4. REACTIVITY DATA:

The product is stable; avoid heat, sparks and flame. Carbon monoxide may be formed during combustion. Hazardous polymerization will not occur.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: Wipe up and dispose of material in a safe manner. Comply with all regulatory agencies regarding disposal of clean-up material. Keep out of sewers, storm drains, surface waters and soil.

DISPOSAL METHOD: Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures.

6. HEALTH HAZARD DATA:

Prolonged or repeated exposure can cause severe or fatal depression. This product does not contain any ingredients listed as carcinogens or considered suspect carcinogens by NTP, IARC or OSHA.

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EYE: This product may irritate the eyes. It is generally recognized that contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury.

SKIN CONTACT: This product may cause dry skin.

INGESTION: The effects of accidental ingestion of large quantities of this product may include headaches, nausea and vomiting.

INHALATION: Inhalation exposure may irritate the nose and throat.

Preexisting skin, eye and respiratory disorders may be aggravated by exposure to this product.

7. FIRST AID:

EYES: Immediately flush eyes with copious amounts of running water for 15 minutes.

SKIN: Wash with soap and water. Remove severely contaminated clothing and shoes; wash before reuse.

INGESTION: SEEK MEDICAL ATTENTION.

INHALATION: If a person has been exposed to excessive quantities due to mishaps, move the person to fresh air. Give artificial respiration if not breathing.

8. HANDLING PRECAUTIONS:

Under normal conditions of use, no special handling precautions are required in areas with adequate ventilation. However, under conditions of excessive exposure, safety glasses with side shields, rubber gloves and a long sleeved shirt and trousers are recommended.

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep away from heat, sparks and flames. Containers, even those that have been emptied, will contain product residue and vapors. Always obey hazard warnings. Exercise reasonable care and caution.

REGULATORY INFORMATION: (Not meant to be all-inclusive--selected regulations represented.)

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See MSDS for health and safety information.

U.S. REGULATIONS: SARA HAZARD CATEGORY: This product has been reviewed according to the federal EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III). Isopropyl alcohol is on the TSCA inventory of chemical substances. Potential reporters should check with their state emergency response commissions to determine if this product must be reported under applicable state requirements. Reporting is required under Massachusetts and Pennsylvania Right-to-Know Laws. VOC for California SCAQMD Rule 443.1 is 785 g/L.