

1. Chemical Product and Contact Information

Product Name: Mold Release

P/N:811-271

LECO Corporation

3000 Lakeview

St. Joseph, MI, 49085

Information: 616-983-5531

Chemtrec: 800-424-9300

2. Composition/Information on Ingredients

Component	CAS No.	OSHA PEL (ppm)	ACGIH TLV (ppm)	Other Limits	Typical % by Weight
Methylene Chloride	75-09-2	100	100		78
Chlorodifluoro- methane (Class II)	75-45-6	1000	1000		20
Dimethyl Siloxane Silicone	Not estab.				2

3. Hazard Identification

EMERGENCY OVERVIEW

Non-flammable, colorless gas with faint ethereal odor.

Potential Health Effects

EYES: May cause irritation.

SKIN: May cause irritation.

INHALATION: May cause narcosis.

INGESTION: None known.

MEDICAL CONDITIONS AGGRAVATED: None known.

CHRONIC OVEREXPOSURE: None known.

ACUTE OVEREXPOSURE: May irritate skin or eyes and cause narcosis.

CARCINOGENICITY: Not reported.

4. First Aid Measures

EYES: Flush with water, consult physician.

SKIN: Wash with soap and water.

INHALATION: Remove to fresh air. Keep warm and quiet. Apply artificial respiration if breathing has stopped. Contact physician.

INGESTION: Contact physician at once. Advise physician that the product contains chlorinated solvents. Use of epinephrine may precipitate arrhythmia.

5. Fire Fighting Measures

FLAMMABLE PROPERTIES: Non-flammable

Flash Point: None.

Method Used: Not applicable.

Flammable Limits (% by Volume in Air):

Lower: None.

Upper: None.

AUTO-IGNITION TEMPERATURE: Not applicable.

HAZARDOUS COMBUSTION PRODUCTS: Not available.

EXTINGUISHING MEDIA: Product itself is not flammable. Use extinguishing agent applicable to surrounding fire.

FIREFIGHTING INSTRUCTIONS: Firefighters should wear self-contained NIOSH approved breathing apparatus for protection against suffocation and possible toxic decomposition products. Product is not combustible itself. Contact with certain metal produces rapid exothermic reactions or potentially explosive combinations.

6. Accidental Release Measures

SMALL/LARGE SPILL: Large spills are unlikely. However, sources of ignition should be removed and area ventilated.

7. Handling and Storage

HANDLING: Avoid repeated contact with skin.

STORAGE: Do not expose to temperature above 120 °F. DO NOT PUNCTURE. Do not incinerate. Avoid repeated contact with skin. Store at room temperature. Keep away from children. Keep container closed.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: If TLV is above 1000 ppm.

RESPIRATORY PROTECTION: Generally not needed, if TLV is under 1000 ppm.

SKIN AND HAND PROTECTION: None required.

EYE AND FACE PROTECTION: Safety glasses recommended.

OTHER PROTECTIVE EQUIPMENT: None.

9. Physical and Chemical Properties

APPEARANCE: Colorless liquid and colorless gas.
BOILING POINT: 23° F. (-5° C.)
FREEZE-MELT POINT: Not applicable.
VAPOR PRESSURE (mm): 35 Psig.
VAPOR DENSITY (air=1): 4.5
SOLUBILITY IN WATER: Insoluble.
SPECIFIC GRAVITY: 1.5 A in liquid form.
pH: Not available.
ODOR: Faint ethereal odor.
PERCENT VOLATILES: Not available.
EVAPORATION RATE (Butyl Acetate=1): 0.4

10. Stability and Reactivity

CHEMICAL STABILITY (CONDITIONS TO AVOID): Temperatures above 130° F. (54° C.)
INCOMPATIBILITY: Chemically active metals such as Sodium, Potassium, Zinc and Calcium.
HAZARDOUS DECOMPOSITION PRODUCTS: Halogens, halogen acids and phosgene.
HAZARDOUS POLYMERIZATION: None.

11. Toxicological Information

Not available.

12. Ecological Information

Not available.

13. Disposal Consideration

Dispose according to local regulations. DO NOT PUNCTURE OR INCINERATE.

14. Transportation Information

U.S.A. DOT: Aerosols, Non-flammable, N.O.S. UN1950
Marine Pollutant: No

15. Regulatory Information

U.S. FEDERAL REGULATIONS:

TSCA STATUS: On Toxic Substances Control Act Inventory.
 CERCLA REPORTABLE QUANTITY: Methylene Chloride: 1000 lbs.
 Dichlorodifluoride Chloride: 5000 lbs.

SARA TITLE III:

Section 302 Extremely Hazardous Substances:	No.
Section 311/312 Hazardous Categories:	Acute, Fire.
Section 313 Toxic Chemicals:	No.

RCRA STATUS: F001 (If disposed)

16. Other Information

Hazard Index: (0 - 4, 4 = Extreme)

Health: 2 Fire: 1 Reactivity: 0

Prepared By:



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