

MATERIAL SAFETY DATA SHEET**MASCOU-LUBE****SECTION I PRODUCT IDENTIFIER**

TRADE NAME: MASCOU-LUBE
 CHEMICAL NAME AND SYNONYMS: Mixture
 DESCRIPTION: Brown block
 PRODUCT USE: Paste lubricant for cutting and drilling aluminium
 EMERGY 24 HOUR TELEPHONE : CANUTEC 613-996-6666

SECTION II COMPOSITION / OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

| NAME | % weight | CAS # |
|--------------------------|----------|-----------|
| TRIETHANOLAMINE STEARATE | 02 - 4% | 4568-28-9 |

Fatty acid, glyceride & petroleum wax/oil not listed in 29CFR 1910.1200.

“Not established” particulates have a Permissible exposure limit (PEL) of 15mg/m³ and Time Weighted Average (TWA) from ACGIH of 10 mg/m³.

SECTION III HAZARDS IDENTIFICATION (HMIS 1-1-0-C)**EMERGENCY OVERVIEW**

Product is not considered hazardous in shipping, storage or handling according to the criteria of the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However observe precautions for the dust generated by the user. APRIL

POTENTIAL HEALTH EFFECTS :

INHALATION: Material is not considered an inhalation hazard as supplied. However, dust generated during cutting and drilling may irritate the respirable tract.
 EYE CONTACT: Mildly irritating to the eye for short term contact. Long term contact can produce scratching of the cornea through abrasive action.
 SKIN CONTACT: Product does not generally irritate and is only mildly irritating to sensitive skin.
 INGESTION: No hazard anticipated through ingestion in normal industrial use.
 CHRONIC: Long term exposure to respirable dust in excess of TWA may result in scarring of the lungs.

SECTION IV FIRST AID MEASURES

INHALATION: If exposed to excessive levels of dust, remove to fresh air. Get medical attention if cough, irritation or other symptoms develop.
 EYE CONTACT: Flush immediately with plenty of water for 15 minutes. If abrasive particles are not removed by flush, obtain medical attention.
 SKIN CONTACT: Wash with soap and water. Wash clothing daily, imbedded abrasive particles can abrade skin resulting in irritation.
 INGESTION: Swallowing less than an ounce will not cause significant harm. For larger amounts do not induce vomiting, but give two 12 ounce glasses of water and obtain medical advise.

SECTION V FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: >350°F
 FLAMMABILITY LIMITS: N/A
 AUTOIGNITION TEMPERATURE: N/A
 GENERAL HAZARD: Material will not burn, until all water has been boiled off.
 EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide or water spray.
 HAZARDOUS COMBUSTION PRODUCTS: If heated to high temperature the product may emit carbon monoxide and dioxide.
 SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

SECTION VI ACCIDENTAL RELEASE MEASURES

Sweep and scoop up material for reuse or reclaim if possible; otherwise place in a disposal container for proper disposition. Do not flush to sewers or waterways unless authorized to do so by appropriate government official.

SECTION VII HANDLING AND STORAGE

STORAGE TEMPERATURE: Ambient
GENERAL: Keep out of sun and away from heat sources, as product may melt. Observe all safe guards for container residue until cleaned or destroyed.

SECTION VIII EXPOSURE CONTROL / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Local exhaust ventilation should be provided to maintain the airborne exposure to personnel below the OSHA PEL & ACGIH TWA during handling and use.

PERSONAL PROTECTION / RESPIRATOR:

Where engineering controls cannot be provided a NIOSH/MSHA approved respirator for dusts having a TWA not less than 0.05 mg/m³ should be used during drilling and cutting operations. Respiratory protection is usually not required during normal storage and handling.

PROTECTIVE CLOTHING:

For normal handling of unused product wear safety glasses and observe normal good hygiene, such as frequent washing of exposed areas and a daily change and laundering of clothing. During drilling and cutting the use of face shield, cloth gloves and cloth apron is recommended.

SECTION IX PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------------|-------------|
| VAPOR PRESSURE: | N/A |
| S.G. / DENSITY: | > 0.8 |
| WATER SOLUBILITY: | Complete |
| pH: | N/A |
| BOILING POINT: | N/A |
| PHYSICAL STATE: | Solid |
| MELTING/FREEZING POINT: | > 125°F |
| VAPOR DENSITY (air=1): | N/A |
| EVAPORATION RATE: | N/A |
| (n=Butyl Acetate=1) | |
| ODOR: | Mild |
| APPEARANCE: | Brown block |

SECTION X STABILITY AND REACTIVITY

| | |
|-----------------------------------|--|
| STABILITY: | Stable and hazardous polymerisation will not occur. |
| PRODUCTS AND CONDITIONS TO AVOID: | No incompatibility anticipated during normal industrial use. |
| HAZARDOUS DECOMPOSITION PRODUCTS: | N/A |

SECTION XI TOXICOLOGICAL INFORMATION

PRODUCT AND/OR COMPONENTS CARCINOGENIC ACCORDING TO:
NONE: X ACGIH: --- IARC: --- NTP: --- OSHA: ---
No information available.

SECTION XII ECOLOGICAL INFORMATION

No information available.

SECTION XIII DISPOSAL CONSIDERATION EPA HAZARDOUS WASTE NO: None

If discarded, the material in its original unused form is not a RCRA hazardous waste. Disposal should be in accordance with State and local regulations for the disposal of non-hazardous waste. Be sure to check if compound (after use) has come in contact with hazardous substances before disposal.

SECTION XIV TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Compound or lubricant, N.O.I.
HAZARDOUS LABEL REQUIRED: None
FREIGHT CLASSIFICATION / RATE: IT 50455, CL70
FOREIGN TRADE SCHEDULE: None
IATA (AIR SHIPPING NAME): None
IMO (BOAT SHIPPING NAME): None

SECTION XV REGULATORY INFORMATION

TSCA (Toxic Substances Control Act): All components of the product are listed on the TSCA inventory.
CERCLA (Comprehensive Response Compensation and Liability Act): No CAS#
SARA (Superfund Amendments & Reauthorization Act):
 302 Extremely Hazardous substances: None
 311 Hazard Categorization: Acute - Chronic - Fire - Pressure - Reactive - Not Established X
 312 is the section for the annual reporting of SARA 311.
 313 Reportable ingredients: None

CALIFORNIA Proposition 65 Ingredients: None
MICHIGAN Critical Materials: Not determined
NEW JERSEY Environmental Hazardous Substance List: Not determined
PENNSYLVANIA Hazardous Substance: Not determined
PENNSYLVANIA Environmental Hazardous Substance: Not determined
CANADIAN WHMIS Canadian Workplace Hazardous Materials Information System Classification: Class D, Div 2, Sub div B, eye/skin irritant
 CPR Controlled Products Regulations: Classified
 HAZARDOUS PRODUCTS ACT: See CERCLA information above.

SECTION XVI PREPARATION DATE OF MSDS

Prepared by: Mascoutech inc.
Revised on: APRIL 2018

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