

MATERIAL SAFETY DATA SHEET FOR TYLUBE

Identity: Tylube

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : TYLUBE
PRODUCT IDENTIFIER : METAL WORKING FLUID

MANUFACTURER : GREAT LAKES PAINT & CHEMICAL
8265 BELLE VERNON DRIVE
NOVELTY, OH 44072
TEL: 440-338-8074

MANUFACTURED FOR : TYLOK INTERNATIONAL, INC.
1061 EAST 260TH STREET
EUCLID, OH 44132
TEL: 216-261-7310

PREPARED BY : GREAT LAKES PAINT & CHEMICAL
TELEPHONE : 440-338-8074
EMERGENCY PHONE : CHEMTREC 800-424-9300
PREPARATION DATE : SEPTEMBER 23, 2013
OSHA REGULATORY STATUS : NOT REGULATED
WHMIS CLASSIFICATION : NOT REGULATED

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS	OSHA PEL	ACGIH TLV	LD50 SPECIES/ROUTE	LC50 SPECIES/ROUTE	%WT
NONE						

NO MATERIAL ITEMS ARE TO BE FOUND IN ANY STATES RTK LIST.
THE INGREDIENTS OF THIS PRODUCT ARE ON THE TSCA INVENTORY.
THIS MATERIAL SHOULD BE CONSIDERED NON-HAZARDOUS.
THIS IS A NON-CONTROLLED MATERIAL.

SECTION 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

EYES: Will cause irritation (stinging and reversible redness) of conjunctive tissue on contact.
SKIN: Some prior skin conditions may be aggravated temporarily. If some animal base hand soaps irritate, Tylube may irritate skin.
INGESTION: Will cause nausea because of the soap base.
INHALATION: Inhaling would be highly unusual; however, smoke from welding parts with Tylube residue (heavy) may cause minor irritation to the throat.

SUGGESTED HMIS RATINGS:

HEALTH: 1
FIRE: 0
REACTIVITY: 0
SPECIAL: None

SECTION 4. FIRST AID MEASURES

EYES: Wash with copious amounts of water for at least 15 minutes. Seek medical attention.

SKIN: Wash exposed areas with soap and water.

INHALATION: If someone has difficulty breathing after exposure, remove him/her to fresh air immediately. If breathing difficulty persists, contact a doctor.

INGESTION: If swallowed, do not induce vomiting. Get medical attention right away.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED): None

FLAMMABLE LIMITS:

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: None noted.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None noted

SECTION 6. ACCIDENTAL RELEASE MEASURES

RELEASE/SPILL RESPONSE: If possible, return as much as possible to container, soak up balance with clay, and dispose in sanitary landfill. Small amounts may be flushed into sanitary sewer.

WASTE DISPOSAL METHOD: Sanitary landfill or small amount may be disposed of into sanitary sewer.

OTHER PRECAUTIONS: None.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING: If material freezes, some separation may occur. Freezing will not affect capability of material to perform. Once thawed, stir material until smooth.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: None, except as noted with welding.

VENTILATION: Local exhaust for mist or vapors.

PROTECTIVE GLOVES: None.

EYE PROTECTION: NIOSH approved safety goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None.

WORK/HYGIENIC PRACTICES: Usual good work practices. Clean up after use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 225°F

SPECIFIC GRAVITY (H₂O=1): 1.0365

VAPOR PRESSURE (mm Hg): N/A

MELTING POINT: N/A
VAPOR DENSITY (Air = 1): N/D
EVAPORATION RATE (Butyl Acetate = 1): N/D
SOLUBILITY IN WATER: Dispersible
APPEARANCE AND ODOR: Green semi-paste with almond odor

SECTION 10. STABILITY AND REACTIVITY

STABILITY: Stable.
CONDITIONS TO AVOID: None known.
INCOMPATIBILITY (materials to avoid): None known
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known
HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11. TOXICOLOGICAL INFORMATION

LD50: N/Av
LC50: N/Av
ROUTES OF ENTRY: INHALATION[Y] EYE CONTACT[Y] SKIN CONTACT[Y] SKIN ABSORPTION [N]
INGESTION[Y]
EXPOSURE LIMITS: N/Av
IRRITANCY OF PRODUCT: Irritating as noted herein.
SENSITIZATION TO PRODUCT/MEDICAL CONDITIONS AGGRAVATED: None noted.
CARCINOGENICITY: No ingredients known to be carcinogens.
TERATOGENICITY/MUTAGENICITY/REPRODUCTIVE TOXICITY: No effects determined.
TOXICOLOGICAL DATA: N/Av

SECTION 12. ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECTS: Not known. Not expected to have serious environmental effects in small quantities.
IMPORTANT ENVIRONMENTAL CHARACTERISTICS: None known.
AQUATIC TOXICITY: Not known. Expected to have minimal toxicity.

SECTION 13. DISPOSAL CONSIDERATIONS

Place in a safe area, and comply with all federal, state, provincial and local regulations for disposal.

SECTION 14. TRANSPORTATION INFORMATION

SPECIAL SHIPPING INFORMATION: None.
DOT HM-181 SHIPPING INFORMATION:
 PROPER SHIPPING NAME: Not regulated.
 HAZARD CLASS OR DIVISION: None.
 UN NUMBER: None.
 PACKAGING GROUP: None.
 LABEL(S) REQUIRED: None.
TDG SHIPPING INFORMATION
 TDG SHIPPING NAME: Not regulated.
 TDG CLASSIFICATION: None.

UN NUMBER: None.
PACKING GROUP: None.
LABEL(S) REQUIRED: None.
NAERG: None.
EMERGENCY TELEPHONE NUMBER: CHEMTREC 800-424-9300

INTERNATIONAL TRANSPORT INFORMATION:

PROPER SHIPPING NAME: Not regulated.
CLASS OR DIVISION: None.
SUBSIDIARY RISK: None.
HAZARDOUS LABEL(S): None.
PACKAGING GROUP: None.
UN OR ID NUMBER: None.

SECTION 15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA): The product on this MSDS, or all of its components, is listed under TSCA.

SARA TITLE III, SECTION 313: The following ingredients are subject to the reporting requirements of section 313 of Title III of the Superfund and Reauthorization Act of 1986 and 40 CFR Part 372: None.

CLEAN AIR ACT (CAA): The following ingredients appear on the List of Hazardous Air Pollutants (HAP – 42 USC 7412, Title I, Part A, p112): None.

CLEAN WATER ACT (CWA): The following ingredients appear on the CWA List of Hazardous Substances (40 CFR 116.4): None.

CALIFORNIA PROPOSITION 65: The following ingredients appear on the Proposition 65 list(s): None.

CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS): This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

DOMESTIC SUBSTANCES LIST (DSL): The product on this MSDS, or all of its components, is included in the DSL.

SECTION 16. OTHER INFORMATION

N/E: Not Established

N/Av: Not Available

N/Ap: Not Applicable

IARC: International Agency for Research on Cancer

ACGIH: American Conference of Governmental Industrial Hygienists

NIOSH: National Institute for Occupational Health and Safety TLV-TWA Threshold Limit Values, Time Weighted Average

NAERG: North American Emergency Response Guidebook

WHMIS: Workplace Hazardous Materials Information System

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