LUBRI-LOY®
PREMIUM LUBRICANTS & GREASES

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MATERIAL SAFETY DATA SHEET

177040

LUBRI-CLEAN ENGINEERED CLASS PROOFER CHAIN LUBRICANT

H1 · ISO 100 COT

LUBRI-LOY CATALOG #: 177040 **DATE ISSUED:** 6/3/13 **REPLACES ISSUE:** 8/7/2012

I PRODUCT IDENTIFICATION AND EMERGENCY INFORMATION

Product Name	**Lubri-Clean Engineered Class Proofer Chain Lubricant, H1, ISO 100 COT**
Intended Use	Lubricant
Lubri-Loy Catalog #'s	177040
Chemical Family	H1, Lubricant
Date Issued	6/3/13
Replaces Issue	8/7/2012
24-Hr. Emergency Phone	CHEMTREC 800-424-9300

II COMPOSITION, INFORMATION ON INGREDIENTS

Mineral Oil and proprietary Food Grade additives to improve lubricity. This product has been formulated to contain no hazardous ingredients.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS):

NFPA Code:	Health: 0	Flammability: 1	Reactivity: 0
MSDS Code:	Health: 0	Flammability: 1	Reactivity: 0

III HAZARD IDENTIFICATION

Emergency Overview: This product has been evaluated and does not require any hazard warning on the label under OSHA criteria.

POTENTIAL HEALTH EFFECTS

PRINCIPLE ROUTES OF EXPOSURE:

Eyes	No significant health hazards identified.
Skin	No significant health hazards identified.
Inhalation	No significant health hazards identified.
Ingestion	Negligible effect; may act as a laxative.

IV FIRST AID MEASURES

Eye Contact	Flush immediately with large amounts of water. If irritation occurs, call a physician.
Skin Contact	Wash exposed area of skin with soap and water. If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water and see a physician for removal of adhering material and treatment of burn. If skin irritation or an allergic reaction occurs, get medical attention.
Inhalation	If adverse effects occur, remove to uncontaminated area. Get medical attention if symptoms persist.

Ingestion	If symptomatic, call a physician or poison control center promptly.

V FIRE-FIGHTING MEASURES

Flash Point	Not determined.
FLAMMABLE LIMITS: LEL (% vol. in air)	Not determined.
UEL (% vol. in air)	Not determined.
Autoignition Temperature	Not determined.
FLAMMABILITY CLASSIFICATION	Slight hazard. Material must be preheated before ignition will occur (OSHA Class IIIB).
UNUSUAL FIRE AND EXPLOSION HAZARDS	May create dense smoke during combustion. Mild fire hazard when heated above its flash point.
Extinguishing Media	Agents approved for Class B hazards (e.g., dry chemical, carbon dioxide, foam, steam) or water fog. Do not use streams of water as this will scatter the liquid and spread fire. A water spray may be used to keep fire-exposed containers and surroundings cool.

VI ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition. Cover spill with inert absorbent material and shovel with non-sparking tools into container. Remove containers to a safe area and seal. Dispose of in accordance with current applicable laws and regulations and product characteristics at time of disposal or divert to recovery unit.

VII HANDLING AND STORAGE

Handling	No special requirements.
Storage	Store away from strong oxidizing agents or combustible material.

VIII EXPOSURE CONTROLS AND PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

Eye/Face Protection	None required; however, use of eye protection is good industrial practice. Contact lenses should not be worn.
Skin and Body Protection	None required; however, use of protective gloves/clothing is good industrial practice.
Respiratory Protection	No special requirements under ordinary conditions of use and with adequate ventilation. Avoid breathing mist. If ventilation is inadequate, use NIOSH/MSHA certified respirator that will protect against dust/mist.
Exposure Guidelines	None available. This is a non-toxic, edible product.

IX EXPOSURE CONTROLS AND PERSONAL PROTECTION

Appearance	Clear, amber fluid.
Odor	Mild odor.
PH (@ 25 C.)	Not determined.
Boiling Point/Range	Not determined.
Specific Gravity: (H20 = 1 @ 25 C.)	Approximately 0.890 @ 25°C/25°C (77°F).
Solubility	Negligible in water (below 0.1%); soluble in hydrocarbons.
Melting Point	Not determined.
Vapor Pressure	< 1.0 mmHg @ 20°C (68°F)

X STABILITY AND REACTIVITY

Hazardous Polymerization	Will not occur.

Hazardous Decomposition	Carbon dioxide, carbon monoxide, and other byproducts depending on conditions of oxidation.
Chemical Stability	Generally stable.
Conditions to Avoid	Avoid excessive heat and open flames.
Materials to Avoid	Avoid chlorine, fluorine, and other strong oxidizers as well as strong acids.

XI TOXICOLOGICAL INFORMATION

DERMAL LD50:	Testing not conducted.	See Other Toxicity Data.
ORAL LD50:	Testing not conducted.	See Other Toxicity Data.
INHALATION LC50:	Testing not conducted.	See Other Toxicity Data.

Other Toxicity Data: No definitive information available on carcinogenicity, mutagenicity, organs, or developmental toxicity. Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on information from similar products, the ingredients, technical literature, and/or professional experience. Oil Mist: Repeated exposure to levels of oil mists in excess of the exposure limits may result in accumulation of oil droplets in pulmonary tissue and may lead to irritation of the nose and throat. No adverse health effect is expected to occur at or below the exposure limits. No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program, the U.S. Occupational Safety and Health Act, or the International Agency Research on Cancer (IARC).

XII ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this product.

XIII DISPOSAL CONSIDERATIONS

Disposal must be in accordance with applicable federal, state, or regulations. We recommend that containers be either professionally reconditioned for reuse by certified firms or properly disposed of by certified firms to help reduce the possibility of an accident. "Empty" drums should not be given to individuals.

XIV TRANSPORT INFORMATION

U.S. Department of Transportation: Not regulated.

XV REGULATORY INFORMATION

CERCLA Sections 102A/103 Hazardous Substances (40 CFR Part 302.4)	Not reportable.
SARA Title III Section 302 Extremely Hazardous Substances (40 CFR Part 355)	Not regulated.
SARA Title III Section 313 (40 CFR Part 372)	Not regulated.
U.S. Inventory (TSCA)	All components comply with TSCA.

XVI OTHER INFORMATION

The information and recommendations herein are, to the best of our knowledge and belief, accurate and reliable as of the date issued. Lubri-Loy does not warrant or guarantee their accuracy or reliability, and shall not be liable for any loss or damage arising out of the use thereof.

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety, environmental, and other necessary information is included on the container.