LUBRI-LOY®
PREMIUM LUBRICANTS & GREASES

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MATERIAL SAFETY DATA SHEET

SCFH1-032

LUBRI-LOY ENGINEERED CLASS SYNTHETIC EXTREME LOW TEMPERATURE CHAIN FLUID

FOOD GRADE H1 ISO 32

LUBRI-LOY CATALOG #: SCFH1-032 **DATE ISSUED:** 1/12/11 **REPLACES ISSUE:** NEW

I PRODUCT IDENTIFICATION AND EMERGENCY INFORMATION

Product Name	Lubri-Loy **Engineered Class Synthetic Extreme Low Temperature Chain Fluid, Food Grade H1 ISO 32**
Lubri-Loy Catalog #'s	SCFH1-032
Chemical Name	Polyalphaolefin
Chemical Family	Synthetic Hydrocarbon
Date Issued	1/12/11
Replaces Issue	NEW
24-Hr. Emergency Phone	CHEMTREC (800) 424-9300

II COMPONENTS AND HAZARD INFORMATION

COMPONENT	CAS #	RANGE % BY WT.
1-Decene, Homopolymer, hydrogenated	68037-01-4	90 – 99
Additives	Proprietary	1 - 10

This material complies with Food and Drug Administration CFR21 178.3570

HMIS Ratings	Health = 0 Fire = 1 Reactivity = 0
NFPA Code	Not established

III HEALTH AND HAZARD INFORMATION

Emergency Overview	This product contains no known carcinogens. No special warning labels are required under OSHA 29 CFR 1910.1200.
Potential Health Effects	To the best of our knowledge the toxicity of this product has not been fully investigated. Analogous compounds are considered essentially nontoxic.
Eye Contact	No available data
Skin Contact	No available data
Ingestion	May cause nausea and diarrhea
Inhalation	Nontoxic

IV FIRST AID MEASURES:

Eye	Flush immediately with large amounts of water and consult a physician.

Skin	Wash exposed area of skin with soap and water. Wash contaminated clothing before reuse.
Ingestion	Consult a physician at once. DO NOT INDUCE VOMITING.
Inhalation	If oil mist is inhaled, remove to fresh air and consult a physician.

V FIRE FIGHTING MEASURES:

Flash Point, COC	471, 504, 522, 519°F respectively
Flammable Limits	LEL (% vol. in air): Not determined UEL (% vol. in air): Not determined
Autoignition Temperature	Not determined
Flammability Classification	HMIS Ratings: Health-0, Flammability-1, Reactivity-0. NFPA Ratings: not established.
Extinguishing Media	Dry chemical, carbon dioxide, foam or water fog.
Unusual Fire and Explosion Hazards	Burning fluid may evolve irritating/noxious fumes.
Special Fire Fighting Techniques	Firefighters should use NIOSH/MNSAapproved self-contained breathing apparatus. Use water spray to keep fireexposed containers and surroundings cool. Use water carefully near exposed liquid to avoid frothing and splashing of hot liquid.

VI ACCIDENTAL RELEASE MEASURES:

Wear suitable protective equipment, especially goggles. Stop source of spill; dike spill area. Remove all sources of ignition. Cover spill with inert absorbent material [e.g. sand, sawdust or commercially-available materials] and shovel with nonsparking tools into container. Remove containers to a safe area and seal.

Dispose of this product and all associated wastes by incineration in a licensed facility in accordance with current Federal, stat and local laws and regulations. Wash spill area with large amounts of water.

VII HANDLING AND STORAGE:

Handling	Do not take internally. Avoid contact with skin, eyes and clothing.
Storage	Store away from strong oxidizing agents, combustible material and excessive heat. Keep containers tightly sealed when not in use.

VIII EXPOSURE CONTROLS / PERSONAL PROTECTION:

Eye/Face	Goggles
Skin	Protective gloves not required, but recommended, especially for prolonged exposure.
Inhalation	Use in well-ventilated area with local exhaust. Avoid breathing mist.
Exposure Guidelines	Threshold limit Value – 5mg/m^3 ACGIH

IX CHEMICAL AND PHYSICAL PROPERTIES:

Appearance/Odor	Clear liquid, yellow to light brown tint/None
Volatiles, % by Volume	0
Vapor Pressure at 20°C (68°F), mm Hg	< 0.01
Boiling Point	>300°F
Evaporation Rate (butyl acetate = 1)	Nil
Solubility in Water	Insoluble
Specific Gravity (water = 1)	0.8284, 0.8333, 0.8362, 0.8410 respectively

X STABILITY AND REACTIVITY

Stability	Generally stable
Conditions to Avoid	Excessive heat and open flames
Materials to Avoid	Strong oxidizers
Hazardous Decomposition	Analogous compounds evolve carbon dioxide, carbon monoxide and other unidentified fragments when burned. See Section 5.
Hazardous Polymerization	Will not occur.

XI TOXICOLOGICAL INFORMATION:

This product contains no known carcinogens. No special warning labels are required under OSHA 29 CFR 1910.1200.

XII ECOLOGICAL INFORMATION:

No data available

XIII DISPOSAL INFORMATION:

Disposal must be in accordance with applicable Federal, state, or regulations. "Empty" drums should not be given to individuals.

XIV TRANSPORTATION 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

This material safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.