LUBRI-LOY®
PREMIUM LUBRICANTS & GREASES

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MATERIAL SAFETY DATA SHEET

2014L

LUBRI-LOY LUBRI-LITH LG

LITHIUM COMPLEX GREASE

LUBRI-LOY CATALOG #: 2014L, 2640L, 2192L, 27040L **DATE ISSUED:** 1/1/2013 **REPLACES ISSUE:** 1/3/2007

I PRODUCT IDENTIFICATION AND EMERGENCY INFORMATION

Product Name	Lubri-Loy **Lubri-Lith LG Lithium Complex Grease**
Lubri-Loy Catalog #'s	2014L, 2640L, 2192L, 27040L
Date Issued	1/1/2013
Replaces Issue	1/3/2007
24-Hr. Emergency Phone	CHEMTREC (800) 424-9300

II COMPONENTS AND HAZARD INFORMATION:

INGREDIENT NAME	CAS NO.	WEIGHT
DISTILLATES, PETROLEUM, SEVERELY HYDROTREATED HEAVY NAPHTHENIC	64742-52-5	30-50 %
DISTILLATES, PETROLEUM, SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES	64742-65-0	30-50 %
RESIDUAL OILS, PETROLEUM, SOLVENT-REFINED	64742-01-4	10-30 %

COMPOSITION COMMENTS - Refer to section eight for exposure limits on ingredients.
Chemical ingredients not regulated by OSHA or SARA are treated confidentially.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS):

HEALTH	FLAMMABILITY	REACTIVITY
1	1	0

III HAZARDS IDENTIFICATION

Exposure to vapors generated at high temperatures, may cause respiratory irritation. For further information, please refer to section 11.

CHRONIC EFFECTS:

SENSITIZATION No known information.
CARCINOGENICITY IARC: Not listed. OSHA: Not regulated. NTP: Not listed.
TERATOGENICITY No known information.

HEALTH WARNINGS:

INHALATION. Heating can generate vapors that may cause respiratory irritation, nausea and headaches. Inhalation hazard at room temperature is unlikely due to the low volatility of this product. SKIN CONTACT. Repeated or prolonged contact can result in drying of the skin. EYE CONTACT. Irritating. INGESTION. Can cause stomach ache and vomiting. Main hazard, if ingested, is aspiration into the lungs and subsequent pneumonitis.

OTHER INFORMATION

ROUTE OF ENTRY Inhalation. Skin and/or eye contact. Ingestion.
MEDICAL SYMPTOMS MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Not determined

IV FIRST AID MEASURES

Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor of hot product, immediately remove from source of exposure. Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. Get medical attention if any discomfort continues.

INHALATION- Rinse the eye with water immediately. Continue to rinse for at least 15 minutes. Contact physician if discomfort continues.

EYES - Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

SKIN - INGESTION DO NOT INDUCE VOMITING! Get medical attention immediately!

V FIRE FIGHTING MEASURES

FLASH POINT (°C) > 149 Cd OC (Cleveland open cup).

FLAMMABILITY LIMIT - LOWER(%) N/D

FLAMMABILITY LIMIT - UPPER(%) N/D

Use: Carbon dioxide (CO2). Dry chemicals, sand, dolomite etc. Alcohol resistant foam. Water spray, fog or mist.

EXTINGUISHING MEDIA

Use water to keep fire exposed containers cool and disperse vapors. Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures. Avoid water in straight hose stream; will scatter and spread fire. Keep run-off water out of sewers and water sources. Dike for water control.

SPECIAL FIRE FIGHTING PROCEDURES

UNUSUAL FIRE & EXPLOSION HAZARDS Pressure will increase in over heated, closed containers.

HAZARDOUS COMBUSTION PRODUCTS Acrid smoke/fumes. Oxides of: Carbon. Sulfur.

PROTECTIVE MEASURES IN CASE OF FIR E Self-contained breathing equipment and chemical resistant clothing recommended .

VI ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS Minimize skin contact.

PRECAUTIONS TO PROTECT THE ENVIRONMENT

Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable government regulations.

SPILL CLEAN-UP PROCEDURES

Keep all sources of ignition and hot metal surfaces away from spill. Avoid contact with eyes or skin. Place leaking containers in well ventilated area. If fire potential exists, blanket spill with foam or use water spray to disperse vapors. Contain spill to minimize contaminated area and facilitate salvage or disposal. To clean up spill, flush area sparingly with water or use absorbant material. Avoid discharge to natural water ways.

VII HANDLING AND STORAGE

Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapors. Use approved respirator if air contamination is above accepted level. Do not reuse container. Keep lid closed when not in use. Do not store or mix with strong oxidizers. Avoid spilling, skin and eye contact. Eye wash and emergency shower must be available at the work place.

HANDLING PRECAUTIONS

Store separate from strong acids and oxidizers. Keep away from heat, sparks and open flame.

STORAGE PRECAUTIONS

STORAGE CRITERIA Chemical storage.

VIII EXPOSURE CONTROLS, PERSONAL PROTECTION

COMPONENT	STD	TWA	STEL	TWA	STEL
DISTILLATES, PETROLEUM, SEVERELY HYDROTREATED HEAVY NAPHTHENIC	OSHA	5 mg/m3	N/E		
	ACGIH	5 mg/m3	10 mg/m3		
DISTILLATES, PETROLEUM, SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES	OSHA	5 mg/m3	N/E		
	ACGIH	5 mg/m3	10 mg/m3		
RESIDUAL OILS, PETROLEUM, SOLVENT-REFINED	OSHA	5 mg/m3	N/E		
	ACGIH	5 mg/m3	10 mg/m3		

PROTECTIVE EQUIPMENT - Gloves & Goggles

ENGINEERING CONTROLS Use engineering controls to reduce air contamination to permissible exposure level.
No specific ventilation requirements noted, but forced ventilation may still be required if air contamination exceeds acceptable level.
VENTILATION
RESPIRATORS No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.
Chemical resistant gloves recommended to prevent prolonged or repeated contact. Use protective gloves made of: Neoprene, nitrile, polyethylene or PVC. or latex.
PROTECTIVE GLOVES
EYE PROTECTION Wear splash-proof eye goggles to prevent any possibility of eye contact.
PROTECTIVE CLOTHING Wear appropriate clothing to prevent repeated or prolonged skin contact.
HYGIENIC WORK PRACTICES Wash at the end of each work shift and before eating, smoking and using the toilet.

IX PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE	Grease.
COLOR	Red.
ODOR	Mild (or faint). Petroleum.
SOLUBILITY DESCRIPTION	Insoluble in water.
DENSITY	0.90 Temperature (°C) 16
VAPOR DENSITY (air=1)	> 5
VAPOR PRESSURE	< 0.01 mmHg Temperature (°C) 20
EVAPORATION RATE	Nil Reference BuAc=1
pH-VALUE, CONC. SOLUTION	N/A

X STABILITY AND REACTIVITY

STABILITY	Normally stable.
CONDITIONS TO AVOID	Avoid contact with acids and oxidizing substances.
HAZARDOUS POLYMERIZATION	Will not occur.
POLYMERIZATION DESCRIPTION	Not applicable
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of: Carbon. Sulfur.

XI TOXICOLOGICAL INFORMATION

No experimental toxicological data on the preparation as such is available.

XII ECOLOGICAL INFORMATION

There is no ecological data on the product itself.

XIII DISPOSAL CONSIDERATIONS

Spilled material, unused contents and empty containers must be disposed of in accordance with local, state and federal regulations.

XIV TRANSPORT INFORMATION

DOT HAZARD CLASS	Not regulated.
IDENTIFICATION No.	N/A
U.S. DOT HAZARD LABEL	No DOT label requirement noted
SEA TRANSPORT NOTES	Not regulated.
AIR TRANSPORT NOTES	Not regulated.

XV REGULATORY INFORMATION

US FEDERAL REGULATIONS

COMPONENT	SARA 302	CERCLA	SARA 313
DISTILLATES, PETROLEUM, SEVERELY HYDROTREATED HEAVY NAPHTHENIC	N/A	N/A	N/A
DISTILLATES, PETROLEUM, SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES	N/A	N/A	N/A
RESIDUAL OILS, PETROLEUM, SOLVENT-REFINED	N/A	N/A	N/A

REGULATORY STATUS None.
CLEAN AIR ACT
US STATE REGULATIONS
WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM - WHIMIS

INVENTORIES

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
DISTILLATES, PETROLEUM, SEVERELY HYDROTREATED HEAVY NAPHTHENIC	DSL	Yes	EINECS	Yes	No	Yes	NAV	Yes
DISTILLATES, PETROLEUM, SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES	DSL	Yes	NAV	NAV	NAV	NAV	NAV	NAV
RESIDUAL OILS, PETROLEUM, SOLVENT-REFINED	DSL	Yes	EINECS	Yes	No	Yes	NAV	Yes

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. Apr 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 And Other Necessary Information Is Included On The Container.