LUBRI-LOY®
PREMIUM LUBRICANTS & GREASES

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MATERIAL SAFETY DATA SHEET

10018

LUBRI-MOLY DRY FILM LUBRICANT

LUBRI-LOY CATALOG #: 10018 **DATE ISSUED:** 9/02/09 **REPLACES ISSUE:** 8/01/07

I PRODUCT IDENTIFICATION AND EMERGENCY INFORMATION

Product Name	Lubri-Loy Lubri-Moly Dry Film Lubricant
Lubri-Loy Catalog #	10018
Date Issued	9/02/09
Replaces Issue	8/01/07
24-Hr. Emergency Phone	CHEMTREC (800) 424-9300
Catalog Number	TF-D3-640

II COMPONENTS AND HAZARD INFORMATION

COMPONENT	CAS NUMBER	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
Heptane	142-82-5	400 ppm	400 ppm	NE	< 10
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm	NE	18-28
Acetone	67-64-1	750 ppm	750 ppm	NE	27-37
Propane	74-98-6	NE	1000 ppm	NE	< 10
n-Butane	106-97-8	800 ppm	800 ppm	NE	14-24
Petroleum Distillate	64742-88-7	NE	400 ppm	100 ppm	< 10

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS):
NFPA: Health: 2 Flammability: 4 Reactivity: 0
HMIS: Health: 2 Flammability: 4 Reactivity: 0 PPE: B

Danger: Extremely Flammable. Harmful or Fatal if Swallowed. Eye and skin irritant. Contents Under Pressure.

Physical State: Liquid	**Appearance & Odor:** Dark viscous liquid, solvent odor.	
Specific Gravity: 0.71	**Boiling Point:** 138-144oF approximate	
Freezing Point: ND	**Vapor Pressure:** ND	
Evaporation Rate: NA	**Vapor Density (air = 1)** > air	
pH: NA	**Solubility:** Negligible in water	
Volatile Organic Compounds %: ND	**g/L:** ND	**lbs./gal:** ND

III HEALTH AND HAZARD INFORMATION

Inhalation	Headaches, dizziness, nausea and anesthesia.
Eyes	Burning and irritation

Skin	Drying, defatting
Ingestion	NA
Carcinogenicity	OSHA: No IARC: No NTP: No
Chronic Overexposure	Dermatitis
Medical Conditions Aggravated by Exposure	NA

IV PRIMARY ROUTES OF ENTRY/EMERGENCY AND FIRST AID PROCEDURES

Inhalation	Remove to fresh air. Give artificial respiration if necessary.
Eyes	Flush with large amounts of water for 15 minutes.
Skin	Remove contaminated clothing and wash area with soap and water.
Ingestion	Call a physician. Do not induce vomiting.

V FIRE AND EXPLOSION HAZARD INFORMATION

Flashpoint	<0°F Method: TCC LEL: 1.0 UEL: 12.8
Extinguishing Media	CO_2, dry chemical and foam
Hazardous Combustion Products	Thermal - CO_2 and carbon monoxide
Fire-fighting Instructions	Remove containers from fire area if possible. Use self-contained breathing apparatus for fire fighting. Aerosol cans may explode if heated above 120°F.

VI ACCIDENTAL RELEASE MEASURES

Spill/Leak Procedures	Usually not a problem with aerosols. Area should be ventilated. Absorbent should be used to pick up excess material. All used and unused product should be disposed of in accordance with federal, state and local regulations.

VII HANDLING AND STORAGE

Handling Procedures	Store in a cool, dry area. Aerosol cans must be maintained below 120°F to prevent cans from exploding.
Aerosol Level	III

VIII PROTECTION AND PRECAUTIONS PRECAUTIONS-

Engineering Controls	Adequate to prevent accumulation of vapors. Use mechanical means if necessary to maintain levels below the exposure limits. If working in a confined space, follow applicable OSHA regulations.
Respiratory	Use NIOSH/MSHA compliant respirators or self-contained breathing apparatus above exposure limits. Follow OSHA regulations 29 CFR 1910.134.
Protective Clothing/Equipment	Wear chemically protective gloves and safety glasses. Use a splash apron and boots if splashing occurs.

IX REACTIVITY

Stability	Stable
Hazardous Polymerization	No
Chemical Incompatibilities	Strong oxidizers.
Materials to Avoid	Strong oxidizers.
Hazardous Decomposition Products	None

X TOXICOLOGICAL INFORMATION

Long-term toxicological studies have not been conducted for this product. See Section 3 of this MSDS for acute symptoms of overexposure and carcinogenicity information.

XI ECOLOGICAL INFORMATION

Ecotoxicity	No data available.
Environmental Fate	No data available for biodegradation.

XII DISPOSAL CONSIDERATIONS

Disposal	This material if discarded may be hazardous waste under U.S. EPA RCRA regulations. All disposal activities must comply with federal, state and local regulations. Contact your local or state environmental agency for specific rules. Do not dump into sewers, on the ground or into any body of water.

XIII TRANSPORTATION INFORMATION

Shipping Name	Consumer Commodity
Hazard Class	ORM-D
UN Number	NA
Packing Group	NA
Label	NA
Placard	NA
Special Provisions	NA

XIV REGULATORY INFORMATION

TSCA	All components are either listed under TSCA or are exempt.
SARA Title III	Section 311/312: Acute, Pressure Section 313*: None
CERCLA/Superfund (RQ)	NA
Extremely Hazardous Substances	No
California Prop 65	This product contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

** See section 2 for percentage*

XV 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, environmental, and other necessary information is included on the container.