

Opti-Lube Lithium Block Grease

Features:

- **Excellent Lubrication Properties**
- **Long Storage Life**
- **Conveniently packed in 50 lb boxes, 4”x4”x8” blocks.**

Typical Properties	ASTM Test Method	Specifications
Soap Type		Lithium 12 Hydroxy
Appearance	Visual	Medium Amber
Texture		Solid
Base Oil Viscosity	D445 SUS @ 40° C	450-550
Base Oil Viscosity	D445 SUS @ 100° C	55-65
Dropping Point, F°	D2265	385
Thickener Content, %	D128	10-14
Viscosity Index	D2270	81
Cone Penetration @ 77° F	D217	45-65

Opti-Lube

A division of OutWest Ventures

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Made in USA

Opti-Lube
MATERIAL SAFETY DATA SHEET

Emergency Phone Number: (505) 326-1234
Information Phone Number: (505) 326-1234

I. MATERIAL IDENTIFICATION

PRODUCT NAME: Lithium Based Block Grease with Friction Reduction
COMPANY: Opti-Lube

Preparation Date: 4-01

II. HAZARDOUS INGREDIENTS

MATERIALS OR COMPONENTS	%	CAS No.	Carcinogen OSHA or IARC
Lithium 12 Hydrostearate	18-22	7620-77-1	No
Mineral Oil	45-55	64742-52-5	No
Mineral Oil	25-35	64742-62-7	No
Molybdenum Disulfide	3-5	1317-33-5	No

III. PHYSICAL PROPERTIES

APPEARANCE & ODOR: Semi-Solid Block-Bland

BOILING POINT 'F: 700

MELTING POINT 'F: 365

SPECIFIC GRAVITY (H2O=1): .89 @ 16' C

VAPOR PRESSURE: N/D

VAPOR DENSITY(AIR=1): N/D

EVAPORATION RATE: N/D

% VOLATILES BY VOLUME: 0

VOC: 000.00 g/l 00.0000 Lbs/gallon

SOLUBILITY IN H2O: Nil

IV. FIRE AND EXPLOSION HAZARDS

FLASHPOINT: 400 'F AUTO IGNITION: 435 'F

FLAMMABLE LIMITS LOWER LIMIT: N/A UPPER LIMIT: N/A

EXTINGUISHING MEDIA: CO2, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES: Wear self contained breathing apparatus when fire fighting in a confined space.

UNUSUAL FIRE & EXPLOSION HAZARDS: None

V. REACTIVITY DATA

STABILITY: Stable under normal conditions.
CONDITIONS TO AVOID: Open Flames
INCOMPATIBILITIES: Strong acids / Strong oxidizing agents
HAZARDOUS DECOMPOSITION: Oxides of C, N, and Sulfur
HAZARDOUS POLYMERIZATION: Will not polymerize

VI. HEALTH HAZARD SUMMARY

ROUTES OF EXPOSURE AND EFFECTS OF OVEREXPOSURE

SKIN ABSORPTION: No acute effects expected.

SKIN CONTACT: Concentrate may cause skin irritation.

INGESTION: Do not ingest.

THRESHOLD LIMIT VALUE: Not established for this product.

CONTAINS KNOWN CARCINOGENS: No NTP: No IARC: No OSHA: No

EMERGENCY AND FIRST AID PROCEDURES:

EYES: In case of contact, flush eyes with plenty of water for at least 15 minutes.
Get medical attention if irritation occurs.

SKIN: Wash skin with soap and water. If irritation occurs, get medical attention.
Wash clothing before reuse.

INHALATION: If respiratory discomfort or irritation occurs, move the person to fresh air.
See a doctor if discomfort or irritation continues.

INGESTION: If swallowed, call a physician immediately.
Only induce vomiting at the instructions of a physician.
Never give anything by mouth to an unconscious person.

VII. CONTROL MEASURES

GLOVES: Impervious gloves such as rubber should be used when handling this product.

EYE PROTECTION: Safety glasses with side shield or chemical goggles

OTHER: Eyewash facility. Appropriate clothing to avoid skin contact.

MSDS For Opti-Lube Block Grease

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VIII. PRECAUTIONS

WASTE DISPOSAL PROCEDURES:

Dispose of in accordance with local, state and federal regulations.

STORAGE AND HANDLING PROCEDURES:

Avoid contact with skin and eyes. avoid breathing mists. Do not take internally. Keep container closed when not in use.

RCRA HAZARDOUS WASTE DESIGNATION:

This product does not fall under current EPA RCRA definitions of hazardous waste.

CERCLA REPORTABLE QUANTITY:

This product does not contain any CERCLA regulated materials.

IX. OTHER HAZARD INFORMATION

None

X. ADDITIONAL REGULATORY INFORMATION

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR 1910.1200 Hazardous Chemical: No

SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 (SARA)

Section 302, Extremely Hazardous Substance: No

Section 311, Hazardous Chemical: No

Immediate: No Delayed: No Fire: No Sudden Release: No Reactive: No

Section 313, Toxic Chemical: No

TOXIC SUBSTANCES CONTROL ACT (TSCA)

This product is a mixture and is NOT listed in the TSCA Inventory.

DISCLAIMER

While Opti-Lube believes that the data contained herein are factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which Opti-Lube assumes legal responsibility. It is offered solely for your consideration, investigation and verification. It is the users' responsibility to determine the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary.