

MATERIAL SAFETY DATA SHEET

Lubchem, Inc. 23609 W. Hardy Rd. Spring, TX 77373

Telephone (281) 350-9600

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Section I - Product Identification

Product Name: Longlife Moly **Product Type: Grease**

Section II - Hazardous Ingredients / Identity Information

Hazardous Components	Approx. %	EXPOSURE LIMITS, PPM		
		OSHA PEL	Other Limits ACGIH TLV	Recommended
Petroleum Hydrocarbon	>75	5mg/m3	5mg/m3	STEL 10

CAS # 64742-52-5

Molybdenum Disulfide 10 - 20 15mg/m3 10 mg/m3

SARA 313 - not applicable unless otherwise noted by an asterisk (*) next to an ingredient in section II which directs the reader to a footnote at the bottom of this section stating this item is listed on the SARA section 313 inventory.

Ingredients are proprietary. Potential hazards have been evaluated and pertinent information has been included in sections III and VII. Each proprietary material is either: Held a trade secret from Lubchem, OSHA non-hazardous or below 1% if OSHA hazardous, and below 0.1% if potentially carcinogenic.

* These items are listed on the SARA Title III section 313 inventory.

Special Hazard Designations

DOT (49 CFR172): not regulated

OSHA (29CFR1910.1200) Evaluation: Hazardous

EPA/TSCA Listed Ingredients: Yes

HMIS

Health: 0

Flammability: 1

Reactivity: 0

Personal Protection: B

Key: 0-minimal 1-Slight

2-Moderate

3-Serious 4-Severe

Section III - Physical / Chemical Characteristics

Boiling Point F: 270-470

Specific Gravity (H2O = 1): N/D

Vapor Pressure (mm Hg.): N/D

Melting Point: N/D

Vapor Density (Air =1): >1

Evaporation Rate (Butyl Acetate =1): <1 Solubility In Water: negligible

Appearance / Odor: Dark gray grease / typical

Section IV - Fire and Explosion Hazard Data

Flash Point (method used): 263-515

Flammable Limits-LEL: N/D UEL: N/D

Extinguishing Media: Carbon Dioxide, Foam, Dry Chemical.

Section IV - Fire and Explosion Hazard Data cont.

Special Fire Fighting Procedures: Water stream may spread fire, use water spray to cool containers only.

Unusual Fire and Explosion Hazards: Will not flash spontaneously. May ignite if exposed to open flame.

Section V - Reactivity Data

Stability: Material is stable

Conditions to Avoid: Avoid conditions that could generate an oil mist. Do not expose the product to strong oxidizers or excessive heat.

Incompatibility (materials to avoid): Strong oxidizers

Hazardous Decomposition Products: carbon smoke, oxides of carbon, various hydrocarbons can evolve other toxic gasses, vapors and solid residue.

Hazardous Polymerization: Will not occur.

Section VI - Health Hazard Data

Routes of Entry: Inhalation: No

Skin: No Ingestion: No

Health Hazards (Chronic): None Known

Carcinogenicity: NTP: No

IARC Monographs: No

OSHA Regulated: No

Signs and Symptoms of Exposure:

Eyes: Under normal conditions of use, expected to cause no more than minor, if any eye irritation based on data from components.

Inhalation: Not expected to be acutely toxic by inhalation. Breathing petroleum oil mist at concentrations in air that exceed the recommended exposure standard can cause respiratory irritation and discomfort.

Ingestion: May cause nausea, irritation, or diarrhea. Possible aspiration hazard.

Skin: Under normal conditions of use, no adverse health effects are expected upon short term contact. Prolonged or repeated contact may produce skin irritation and inflammation. Primary hazard associated with grease in high pressure gun, necrosis could result.

Medical Conditions Generally Aggravated by Exposure: None Known.

Emergency and First Aid Procedures:

Eyes: Flush eyes with water for 15 minutes while holding eyelids open. If irritation persists get medical attention.

Inhalation: If irritation occurs move to fresh air. If breathing has stopped give artificial respiration and get medical attention immediately.

Ingestion: If ingested get medical attention, do not induce vomiting.

Skin: Wash thoroughly with soap and water, if injected under skin get immediate medical attention. Launder soiled clothing before reuse.

Section VII - Precautions for Safe Handling and Use

Steps To Be Taken In Case Material Is Released Or Spilled: Attempt to recover. Pick up small spills with shovel or spatula.

Waste Disposal Method: Comply with all governmental regulations.

Section VII - Precautions for Safe Handling and Use cont.

Precautions To Be Taken In Handling And Storage: Do not store containers in direct sunlight, keep containers away from excessive heat.

Other Precautions: N/D

Section VIII - Control Measures:

Respiratory Protection (Specify Type): None expected to be required

Ventilation - Local Exhaust: Acceptable

Special: N/A

Mechanical (General): N/A

Other: N/A

Protective Gloves: Neoprene Coated Gloves Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: None

Work / Hygienic Practices: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area.

This document is prepared pursuant to the OSHA Hazard Communication Standard (29CFR1910.1200). The information herein is given in good faith, but no warranty, express or implied, is made. Consult Lubchem, Inc. For further information: 281-350-9600.

Abbreviations: N/A: Not Applicable N/D: Not Determined