

SAFETY DATA SHEET

Lloyds Laboratories Inc.

Moly Lithium EP Grease # 2 – Part #66601

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Identification of Preparation: Moly Lithium EP Grease # 2
Date of Safety Data Sheet: September 8, 2017
Use of Preparation: Lubricant.
Company Identification: Lloyds Laboratories Inc.
613 Neal Drive,
Peterborough,
Ontario
K9J 6X7

Company Telephone Number: 800 361-6766

24 Hour Telephone Number: CANUTEC 613-996-6666 OR *666 for cell phone.

2. HAZARD IDENTIFICATION

Emergency Overview:

OSHA / WHMIS 2015 Hazards

Not classified as hazardous.

Classification of substance or mixture

GHS-US/Canadian classification:

Not hazardous.

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS):

None.

Signal Word (GHS):

None.

Hazard Statements (GHS):

None.

Precautionary Statements (GHS):

P264: Wash thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

Response (GHS):

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend.

Ingredient	CAS#	% by Wt	Classification
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There are no ingredients present which, within the current knowledge of the manufacturer and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If symptoms persist consult physician.
Eye Contact:	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists get medical attention.
Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
Ingestion:	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personnel. Never give anything to an unconscious person. Get medical aid.
Notes to Physician:	Treatment based on judgment of attending physician.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Flood with water for extinguishing agent. CO2, dry chemical, alcohol resistant foam.
Unsuitable extinguishing media:	None known.
Special exposure hazards:	Thermal decomposition releases irritating gases.
Special safety equipment:	Self-contained positive pressure breathing apparatus and protective clothing.
Fire and explosion:	Not flammable. Not an explosive hazard.
Further information:	Keep containers and surrounding cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately with absorbent and dispose of waste safely.

Reference to Other Sections: See Heading 8. Exposure controls and personal protection.

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7. HANDLING AND STORAGE

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

Information about fire and explosion protection:

Keep respiratory protective device available.

No special measures required.

Conditions for safe storage, including any incompatibilities:

Storage: Acids, Oxidizers, reducing agents.

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Information about storage in one common storage facility:

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

Keep container tightly sealed.

Specific end use(s): No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Use local exhaust or dilution ventilation.
Hand protection:	Not normally required.
Eye protection:	Not normally required.
Skin protection:	Use body-covering impervious clothing.
Working hygiene:	Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.
Exposure Guidelines:	None.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Solid.		
Appearance	Grease.	Odour	Typical.
Colour	Black.	Odour Threshold	No data available.
<u>Property</u>	<u>Values</u>	<u>Remarks/Method</u>	
pH	Not applicable.	None known.	
Melting/Freezing Point	No data available.	None known.	
Boiling Point/Range	No data available.	None known.	
Flash Point	Not applicable.	None known.	
Evaporation Rate	No data available.	None known.	
Flammability (solid, gas)	Not flammable.	None known.	

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Flammability Limit in Air:		
Upper Limit	No data available.	None known.
Lower Limit	No data available.	None known.
Vapour Pressure	No data available.	None known.
Vapour density	No data available.	None known.
Specific Gravity	No data available.	
Water Solubility	In soluble.	None known.
Solubility Other Solvents	No data available.	None known.
Partition Coefficient:		
n-octanol/water	No data available.	None known.
Autoignition temperature	No data available.	None known.
Decomposition Temperature	No data available.	None known.
Kinematic Viscosity	No data available.	None known.
Dynamic Viscosity	No data available.	None known.
Explosive Properties	No data available.	None known.
Oxidizing Properties	No data available.	None known.

Other Properties:

Softening Point	No data available.
VOC Content %	No data available.
Particle Size	No data available.
Particle Size Distribution	No data available.

10. STABILITY AND REACTIVITY

Reactivity:	Normally stable.
Chemical stability:	Stable under recommended handling and storage conditions (see section 7).
Thermal decomposition/conditions to avoid:	No decomposition if used and stored according to specifications.
Possibility of hazardous reactions:	Hazardous polymerization will not occur.
Conditions to avoid:	None known.
Hazardous decomposition products:	Carbon oxides (CO, CO ₂). Sodium oxides.
Materials to avoid:	Reducing agents. Strong acids.
Hazardous polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: Harmful if swallowed.

LD/LC50 values relevant for classification:

LD50 (Oral, rat): >5000 mg/kg.

LD50 (Dermal, rabbit): >5000 ml/kg.

On the skin: Causes drying of the skin.

On the eye: Causes pain and redness.

Respiratory or Skin Sensitization: Not classified.

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Additional toxicological information:

Carcinogenicity:

Chemical Name None

12. ECOLOGICAL INFORMATION

Toxicity: Not classified.

Persistence and Degradability: Not available.

Bioaccumulative Potential: Not available.

Mobility in Soil: Not available.

Other Adverse Effects:

Other Information: All of the organic components of this product are readily biodegradable.

13. DISPOSAL

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology – Waste Materials: Avoid release to the environment.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT): Not regulated.

Canadian TDG (Road & Rail): Not regulated.

Water Transportation (IMO): Not regulated.

Air Transportation (IATA): Not regulated.

15. REGULATORY INFORMATION

Occupational Health & Safety Regulations:

WHMIS Classification: Not regulated.

OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

International Inventories

TSCA	-
DSL/NDSL	-
EINECS/ELINCS	Complies.
ENCS	Complies.
IECSC	Complies.
KECL	-
PICCS	-
AICS	Complies.

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Legend:

TSCA - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List.

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances.

ENCS - Japan Existing and New Chemical Substances.

IECSC - China Inventory of Existing Chemical Substances.

KECL - Korean Existing and Evaluated Chemical Substances.

PICCS - Philippines Inventory of Chemicals and Chemical Substances.

AICS - Australian Inventory of Chemical Substances.

Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

HMIS III Rating

Health: 0 Minimal Hazard.

Flammability: 0 Minimal Hazard.

Physical: 0 Minimal Hazard.

Personal Protection: B.

SDS US (GHS HazCom 2012 and WHMIS 2015).

16. OTHER INFORMATION

Prepared By: Technical Department

Issuing Date: September 8, 2017

Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet