



# Safety Data Sheet

Lyden Oil Company

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## PROGUARD L-Plex EP2 Moly 3 Grease

SDS Number: 611320-2C

### 1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD L-Plex EP2 Moly 3 Grease  
Revision Date: 08/10/2015  
SDS Number: 611320-2C  
Common Name: Lithium extreme pressure moly grease  
CAS Number: Blend  
Product Code: 1024  
Synonyms: Lithium Complex EP Moly Grease

#### Company Identification:

*Manufactured for:*  
LYDEN OIL COMPANY  
3711 LeHarps Road  
Youngstown, OH 44515

For Product Information: 1-330-792-1100  
For Emergencies: 1-800-424-9300  
CHEMTREC: 1-800-424-9300 or 1-703-527-3887

### 2 HAZARDS IDENTIFICATION

Signal Word: **None**

Hazard Classes/Categories: None

Hazard Statement(s): None

Precaution Statement(s):  
P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P103: Read label before use.

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Other Hazard Statement(s):

-NFPA Ratings:

Health = 1

Fire = 1

Reactivity = 0

**3** COMPOSITION / INFORMATION ON INGREDIENTSIngredients:*Mixture of the substances listed below with nonhazardous additions.*

Chemical Name	CAS Number	Percentage
Residual oils (petroleum), solvent-refined	64742-01-4	50-100
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	2.5-<10
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	2.5-<10
Molybdenum Disulphide	1317-33-5	2.5-<10
Zinc Dialkylthiophosphate	68457-79-4	0.1-<1

*\*Any concentration shown as a range is to protect confidentiality or is due to batch variation.***4** FIRST AID MEASURESDescription of First Aid Measures:

## Inhalation:

If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

## Skin Contact:

Generally the product does not irritate the skin.

## Eye Contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult medical attention.

## Ingestion:

If swallowed, do not induce vomiting: transport to nearest medical facility for additional treatment.

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Symptoms and Effects, both acute and delayed:

No further relevant data available.

Recommended Actions:

Treat symptomatically. Call a doctor or poison control center for guidance.

**5** FIRE FIGHTING MEASURES

Recommended Fire-Extinguishing Equipment:

Use fire-fighting measures and equipment suitable for the environment.

Possible Hazards During a Fire:

Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds.

Recommendations to Firefighters:

No special measures required.

**6** ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Avoid contact with skin and eyes.

Emergency Procedures:

Contain spilled material, collect in suitable and properly labeled containers.

Environmental Precautions:

Do not allow to reach sewage system or any water course.  
Do not allow to enter ground waters.

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Cleanup Procedures:

Pick-up mechanically.

**7** HANDLING AND STORAGEHandling Precautions:

No special precautions needed if used correctly.

Storage Requirements:

Keep container tightly sealed.

**8** EXPOSURE CONTROLS / PERSONAL PROTECTIONExposure Limits:

-64742-01-4 Residual oils (petroleum), solvent-refined (50-100%):

OSHA PEL – Long-term value: 5mg/m<sup>3</sup>-64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic (2.5-  
<10%):ACGIH TLV – Long-term value: 5mg/m<sup>3</sup>OSHA PEL – Long-term value: 5mg/m<sup>3</sup>

-64742-52-5 Distillates (petroleum), hydrotreated heavy naphthenic (2.5-&lt;10%):

ACGIH TLV – Short-term value: 10mg/m<sup>3</sup>Long-term value: 5mg/m<sup>3</sup>OSHA PEL – Long-term value: 5mg/m<sup>3</sup>

-1317-33-5 Molybdenum Disulphide:

PEL - Long-term value: 15mg/m<sup>3</sup> (total dust)TLV - Long-term value: 10mg/m<sup>3</sup> (inhalable fraction), 3mg/m<sup>3</sup>(respirable fraction)Engineering Controls:All ventilation should be designed in accordance  
with OSHA standard (29 CFR 1910.94).

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Personal Protective Equipment:

Wash hands before breaks and at the end of work.

Use gloves.

**9** PHYSICAL AND CHEMICAL PROPERTIES

Color:	Light grey
Physical State:	Semi-solid
Odor:	Petroleum-like
Odor Threshold:	Data not available
pH:	Data not available
Melting Point:	Data not available
Boiling Point:	338° C / 640° F
Boiling Range:	Data not available
Flash Point:	244° C / 471° F
Evaporation Rate:	Data not available
Flammability:	Data not available
Flammability Limits:	Data not available
Vapor Pressure:	Data not available
Vapor Density:	Data not available
Relative Density:	9.257 pounds per gallon at 68° F
Solubilities:	Insoluble in water
Partition Coefficient:	Data not available
Auto-Ignition Temperature:	Data not available
Decomposition Temperature:	Data not available
Viscosity:	Data not available

**10** STABILITY AND REACTIVITYStability:

Stable under normal conditions.

Reactivity:

Not reactive under normal conditions.

Conditions to Avoid:

No further relevant information available.

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Hazardous Reactions:

No known hazardous reactions.

Incompatible Materials:

No further relevant information available.

Decomposition Products:

Hazardous decomposition products are not expected to form.

**11** TOXICOLOGICAL INFORMATIONRoutes of Exposure:

Skin and eye contact are the primary routes of exposure although exposure may occur following accidental ingestion.

Exposure Effects:

No known irritating or sensitizing effects.

Measures of Toxicity:

Acute Toxicity Estimates:

Oral LD50: 2822 mg/kg (rat)

Dermal LD50: 204082 mg/kg (rabbit)

Inhalative LC50: 30 mg/l (4 hours)

Carcinogenic/Mutagenic Precautions:

Non-carcinogenic and not expected to be mutagenic.

**12** ECOLOGICAL INFORMATIONEcological Precautions:

Avoid exposing to the environment.

Ecological Effects:

Water hazard class 1 (self-assessment): Slightly hazardous to water.

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**13 DISPOSAL CONSIDERATIONS**Disposal Methods:

Dispose of waste material in accordance with all local, state, and federal requirements.

Disposal Containers:

Use properly approved container for disposal.

Special Precautions:

Small quantities can be disposed of with household garbage.  
Do not flush to surface waters or drains.

**14 TRANSPORT INFORMATION**

UN Number: Data not available

UN Shipping Name: Data not available

Transport Hazard Class: Data not available

Packing Group: Data not available

Environmental Hazards:

Data not available

Bulk Transport Guidance:

Data not available

Special Precautions:

Not regulated by DOT.

**15 REGULATORY INFORMATION**

This material and all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substances Control Act.



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16	OTHER INFORMATION
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Last Revision Date: 08/10/2015

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