



Safety Data Sheet

Lyden Oil Company

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PROGUARD Lithium Complex EP1 Grease

SDS Number: 610672-1

1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD Lithium Complex EP1 Grease
Revision Date: 08/10/2015
SDS Number: 610672-1
Common Name: Lithium extreme pressure grease
CAS Number: Blend
Product Code: 1044
Synonyms: Lithium 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 = 0

Fire = 1

Reactivity = 0

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

Chemical Name	CAS Number	Percentage
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	50-100
Residual oils (petroleum), solvent-refined	64742-01-4	25-50
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	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:

-64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic (50-100%):

ACGIH TLV – Long-term value: 5mg/m³OSHA PEL – Long-term value: 5mg/m³

-64742-01-4 Residual oils (petroleum), solvent-refined (25-50%):

OSHA PEL – Long-term value: 5mg/m³

-64742-52-5 Distillates (petroleum), hydrotreated heavy naphthenic (10-<25%):

ACGIH TLV – Short-term value: 10mg/m³Long-term value: 5mg/m³OSHA PEL – Long-term value: 5mg/m³Engineering Controls:

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

Personal Protective Equipment:Wash hands before breaks and at the end of work.
Use gloves.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Color:	Amber
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:	250° C / 482° 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:	7.426 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 REACTIVITY

<u>Stability:</u>	Stable under normal conditions.
<u>Reactivity:</u>	Not reactive under normal conditions.
<u>Conditions to Avoid:</u>	No further relevant information available.
<u>Hazardous Reactions:</u>	No known hazardous reactions.
<u>Incompatible Materials:</u>	No further relevant information available.

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Decomposition Products:

Hazardous decomposition products are not expected to form.

11 TOXICOLOGICAL INFORMATION

Routes 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: 5875 mg/kg (rat)

Dermal LD50: 270270 mg/kg (rabbit)

Carcinogenic/Mutagenic Precautions:

Non-carcinogenic and not expected to be mutagenic.

12 ECOLOGICAL INFORMATION

Ecological Precautions:

Avoid exposing to the environment.

Ecological Effects:

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

13 DISPOSAL CONSIDERATIONS

Disposal Methods:

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

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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.

16 OTHER INFORMATIONLast Revision Date: 08/10/2015

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