

PROGUARD L-Plex EP1 Grease

SDS Number: 611063-1

1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD L-Plex EP1 Grease
Revision Date: 08/04/2015
SDS Number: 611063-1
Common Name: Extreme pressure grease
CAS Number: Blend
Product Code: 1048
Synonyms: L-Plex EP1

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:

WARNING

Hazard Classes/Categories:

Serious eye irritation, Category 2A.

Hazard Statement(s):

H319: Causes serious eye irritation.

PROGUARD L-Plex EP1 Grease

SDS Number: 611063-1

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.
P264: Wash thoroughly after handling.
P280: Wear eye protection/face protection.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P337+313: If eye irritation persists get medical advice/attention.
P405: Store locked up.
P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

Other Hazard Statement(s):

-NFPA Ratings:
Health = 1
Fire = 1
Reactivity = 0

3 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:

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
Calcium Carbonate	471-34-1	2.5<10
Zinc Dialkylthiophosphate	68457-79-4	1-<2.5

**Any concentration shown as a range is to protect confidentiality or is due to batch variation.*

PROGUARD L-Plex EP1 Grease

SDS Number: 611063-1

4 FIRST AID MEASURES

Description 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: Rinse mouth with water. If symptoms develop, obtain medical attention.

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.

PROGUARD L-Plex EP1 Grease

SDS Number: 611063-1

Recommendations to Firefighters:

No special measures required.

6 ACCIDENTAL RELEASE MEASURESPersonal Precautions:

Avoid contact with 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.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

PROGUARD L-Plex EP1 Grease

SDS Number: 611063-1

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

OSHA PEL – Long-term value: 5mg/m³

-471-34-1 Calcium carbonate, precipitated (2.5-<10%):

PEL - Long-term value: 15mg/m³ (total dust), 5mg/m³ (respirable fraction)

REL - Long-term value: 10mg/m³ (total dust), 5mg/m³ (respirable fraction)

TLV – TLV withdrawn

Engineering Controls:

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

Personal Protective Equipment:

Keep away from foodstuffs, beverages, and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with eyes and skin. Use safety glasses and gloves.

9	PHYSICAL AND CHEMICAL PROPERTIES
----------	---

Color:	Red
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:	8.069 pounds per gallon at 68° F

PROGUARD L-Plex EP1 Grease

SDS Number: 611063-1

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

Stability:

Stable under normal conditions.

Reactivity:

Not reactive under normal conditions.

Conditions to Avoid:

No further relevant information available.

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 INFORMATION

Routes of Exposure:

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

Exposure Effects:

Irritant to eyes.

PROGUARD L-Plex EP1 Grease

SDS Number: 611063-1

Measures of Toxicity:

Acute Toxicity Estimates:

Oral LD50: 7102 mg/kg (rat)

Dermal LD50: 91638 mg/kg (rabbit)

Carcinogenic/Mutagenic Precautions:

High density polyethylene polymer: Carcinogenic category 3 (IARC).

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.

Disposal Containers:

Use properly approved container for disposal.

Special Precautions:

Do not flush to surface waters or drains.
Do not allow undiluted product or large quantities of it to reach ground water, water course, or sewage system.

PROGUARD L-Plex EP1 Grease

SDS Number: 611063-1

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 INFORMATION

Last Revision Date: 08/04/2015

The information contained in this Safety Data Sheet (SDS) relates only to the specific material designated. LYDEN OIL COMPANY assumes no legal responsibility of the use or reliance upon this data. This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of the LYDEN OIL COMPANY.