

**PROGUARD 80W-90 LS Gear Oil**

SDS Number: 17863

**1 PRODUCT AND COMPANY INFORMATION**

Product Name: PROGUARD 80W-90 LS Gear Oil  
Revision Date: 08/12/2015  
SDS Number: 17863  
Common Name: Hydrotreated heavy paraffinic oil, Residual petroleum oil  
CAS Number: Blend  
Product Code: 17863  
Synonyms: Petroleum based lubricant, Gear oil

**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:

Skin irritant, Category 2.  
Serious eye irritation, Category 2B.  
Hazardous to the aquatic environment, Category chronic 3.

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Hazard Statement(s):

H315: Causes skin irritation.  
 H320: Causes eye irritation.  
 H412: Harmful to aquatic life with long-lasting effects.

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.  
 P302+352: IF ON SKIN: Wash with plenty of water.  
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
 P273: Avoid release to the environment.  
 P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

Other Hazard Statement(s):

Repeated skin contact may cause dermatitis or an oil acne.

<b>3</b>	<b>COMPOSITION / INFORMATION ON INGREDIENTS</b>
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Ingredients:

*Mixture of the substances listed below with nonhazardous additions.*

Chemical Name	CAS Number	Percentage
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	40-60
Residual oils, petroleum, solvent dewaxed	64742-62-7	40-60
Long chain alkyl amine	N/A	0.1-0.3
Alkyl Phosphate (I)	N/A	0.2-0.5
Alkyl Phosphate (II)	N/A	0.1-0.3
Long chain alkenyl amine	N/A	0.2-0.7
Long chain alkyl phosphonate	N/A	0.1-0.2

*\*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:

Wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if needed.

## 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 MEASURESRecommended Fire-Extinguishing Equipment:

Use dry powder, foam, or carbon dioxide fire extinguishers. Water may be ineffective in fighting an oil fire unless used by experienced fire fighters.

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### 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, eyes, and clothing.  
Keep away from sources of ignition.

### 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 excess with inert absorbant material.

## 7 HANDLING AND STORAGE

### Handling Precautions:

Handle with care and avoid spillage on the floor.  
Do not cut, weld, drill, grind, braze, or solder container.

### Storage Requirements:

Keep container tightly sealed.  
Keep away from sources of ignition.

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**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure Limits:

-64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic (40-60%):

ACGIH TLV – Long-term value: 5mg/m<sup>3</sup>OSHA PEL – Long-term value: 5mg/m<sup>3</sup>Engineering 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 safety glasses and gloves.**9 PHYSICAL AND CHEMICAL PROPERTIES**

Color:	Amber
Physical State:	Liquid
Odor:	Sulfur
Odor Threshold:	Data not available
pH:	Data not available
Melting Point:	Data not available
Boiling Point:	Data not available
Boiling Range:	Data not available
Flash Point:	250° C / 482° F (COC method)
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:	7.39 pounds per gallon at 60° F
Solubilities:	Insoluble in water
Partition Coefficient:	Data not available
Auto-Ignition Temperature:	Data not available
Decomposition Temperature:	Data not available
Viscosity:	15 mm <sup>2</sup> /sec (kinematic at 100° C)

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**10 STABILITY AND REACTIVITY**Stability:

Stable under normal conditions.

Reactivity:

Not reactive under normal conditions.

Conditions to Avoid:

Extreme temperature, sparks, open flame, and direct sunlight.

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:

Repeated skin contact may cause dermatitis or an oil acne.

Measures of Toxicity:

Component Acute Toxicity Estimates:

Residual oils, petroleum, solvent dewaxed:

Oral LD50: &gt;5000 mg/kg (rat)

Dermal LD50: &gt;2000 mg/kg (rabbit)

Inhalative LC50: 2.18 mg/l (4 hours) (rat)

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Carcinogenic/Mutagenic Precautions:

Non-carcinogenic and not expected to be mutagenic.

**12** ECOLOGICAL INFORMATIONEcological Precautions:

Avoid exposing to the environment.

Ecological Effects:

No specific environmental or aquatic data available.

**13** DISPOSAL CONSIDERATIONSDisposal 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.

**14** TRANSPORT INFORMATIONUN Number: Data not availableUN Shipping Name: Data not availableTransport Hazard Class: Data not availablePacking Group: Data not availableEnvironmental Hazards:

Data not available

Bulk Transport Guidance:

Data not available



# Safety Data Sheet

Lyden Oil Company

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Special Precautions:

Not regulated by DOT.

<b>15</b>	<b>REGULATORY INFORMATION</b>
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This material and all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substances Control Act.

<b>16</b>	<b>OTHER INFORMATION</b>
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Last Revision Date: 08/12/2015

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