



# Safety Data Sheet

Lyden Oil Company

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## PROGUARD ECO 5W-20 Motor Oil

SDS Number: 17991

### 1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD ECO 5W-20 Motor Oil  
Revision Date: 06/24/2016  
SDS Number: 17991  
Common Name: Heavy paraffinic oil/Synthetic base oils  
CAS Number: Blend  
Product Code: 17991  
Synonyms: Synthetic passenger car motor 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: **None**

Hazard Classes/Categories: Hazardous to the aquatic environment, Category chronic 3.

Hazard Statement(s): 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.  
P273: Avoid release to the environment.

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Other Hazard Statement(s):

Repeated exposure may cause skin dryness or cracking.

**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	70-90
Synthetic base oils	N/A	10-30
Additives	N/A	5-15
Zinc Alkyldithiophosphate	68649-42-3	<5

*\*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.

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

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.

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### 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.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits:

-64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic (70-90%):

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.

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**9 PHYSICAL AND CHEMICAL PROPERTIES**

Color:	Amber
Physical State:	Liquid
Odor:	Data not available
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:	176.7° C / 350.1° 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:	7.11 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:	8.0 mm <sup>2</sup> /sec (kinematic at 100° C)

**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.

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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:

No test data available.

Carcinogenic/Mutagenic Precautions:

Non-carcinogenic and not expected to be mutagenic.

**12 ECOLOGICAL INFORMATION**

Ecological Precautions:

Avoid exposing to the environment.

Ecological Effects:

No specific environmental or aquatic data available.

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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:

Do not flush to surface waters or drains.

**14 TRANSPORT INFORMATION**UN 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

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.

SARA Section 313: Contains <1% Zn



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16	OTHER INFORMATION
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Last Revision Date: 06/24/2016

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