



Safety Data Sheet

Lyden Oil Company

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PROGUARD Syn Blend 5W-20 Motor Oil

SDS Number: 17984

1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD Syn Blend 5W-20 Motor Oil
Revision Date: 06/24/2016
SDS Number: 17984
Common Name: Heavy paraffinic oil/Synthetic base oils
CAS Number: Blend
Product Code: 17984
Synonyms: 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 | 60-80 |
| Synthetic base oils | N/A | 10-35 |
| 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 (60-80%):

ACGIH TLV – Long-term value: 5mg/m³

OSHA PEL – Long-term value: 5mg/m³

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: | 7.28 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: | 8.2 mm ² /sec (kinematic at 100° C) |

10 STABILITY AND REACTIVITYStability:

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 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

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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