



Safety Data Sheet

Lyden Oil Company

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PROGUARD 10W Heavy Duty Engine Oil

SDS Number: 411131

1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD 10W Heavy Duty Engine Oil
Revision Date: 11/13/2015
SDS Number: 411131
Common Name: Hydrotreated heavy paraffinic oil
CAS Number: Blend
Product Code: 411131
Synonyms: Off-road hydraulic fluid, SAE 10W Engine Oil

Company Identification:

Manufactured for:
LYDEN OIL COMPANY
3711 LeHarps Drive
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 skin contact may cause dermatitis or an oil acne.

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

Chemical Name	CAS Number	Percentage
Distillates, petroleum, hydrotreated heavy paraffinic	64742-54-7	15-90
Lubricating oils, petroleum, hydrotreated spent	64742-58-1	<75
Distillates, petroleum, solvent-refined heavy paraffinic	64741-88-4	<50
Distillates, petroleum, solvent-dewaxed heavy paraffinic	64742-65-0	<45
Phenol, (tetrapropenyl) derivatives	74499-35-7	0.4-0.5

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.

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 excess with inert absorbant material.

7 HANDLING AND STORAGEHandling 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 PROTECTIONExposure Limits:

-64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic (<45%):

ACGIH TLV – Long-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 safety glasses and gloves.**9** PHYSICAL AND CHEMICAL PROPERTIES

Color:	Amber
Physical State:	Liquid
Odor:	Data not available
Odor Threshold:	Data not available
pH:	Data not available

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Melting Point:	Data not available
Boiling Point:	Data not available
Boiling Range:	Data not available
Flash Point:	191° C / 375° F (PMCC 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:	0.872 (Water = 1)
Solubilities:	Insoluble in water
Partition Coefficient:	Data not available
Auto-Ignition Temperature:	Data not available
Decomposition Temperature:	Data not available
Viscosity:	7.1 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.

Incompatible Materials:

No further relevant information available.

Decomposition Products:

Hazardous decomposition products are not expected to form.

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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: >5000 mg/kg (rat)

Dermal LD50: >2000 mg/kg (rabbit)

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

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.

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:

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 INFORMATION

Last Revision Date: 11/13/2015

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