



Safety Data Sheet

Lyden Oil Company

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PROGUARD Plus 460 Dark Gear Oil

SDS Number: 61066-460

1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD Plus 460 Dark Gear Oil
Revision Date: 08/10/2015
SDS Number: 61066-460
Common Name: PROGUARD Plus 460 Dark
CAS Number: Blend
Product Code: 1007
Synonyms: ISO 460 Dark 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: **None**

Hazard Classes/Categories: None

Hazard Statement(s): None

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.

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Other Hazard Statement(s):

-NFPA Ratings:

Health = 1

Fire = 1

Reactivity = 0

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

Chemical Name	CAS Number	Percentage
Asphaltic Resin	8052-42-4	50-100
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	25-50

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:

In case of unconsciousness, place patient stably in side position for transportation. Call a POISON CENTER and consult medical attention if you feel unwell.

Skin Contact:

Wash with plenty of water, if skin irritation occurs: get medical attention. Remove contaminated clothing and wash before reuse.

Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get 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 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.

Recommendations to Firefighters:

No special measures required.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Avoid contact with skin and 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.

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Cleanup Procedures:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.

7 HANDLING AND STORAGE

Handling Precautions:

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

Storage Requirements:

Keep container tightly closed and in a cool, well-ventilated area. Keep away from sources of ignition. Store locked up. Keep container tightly sealed.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

-Asphaltic Resin (50-100%):

PEL - Long-term value: 5mg/m³

REL – Short-term value: 10mg/m³

Long-term value: 5mg/m³

Ceiling limit value: 5mg/m³ (15 minutes)

TLV – Short-term value: 10mg/m³

Long-term value: 5mg/m³

BEI – Medium: urine, Time: end of shift at end of workweek, Parameter: 1-Hydroxyrene with hydrolysis (nonquantitative)

-64742-53-6 Distillates (petroleum), hydrotreated light naphthenic (25-50%):

ACGIH TLV – Short-term value: 10mg/m³

Long-term value: 5mg/m³

NIOSH REL - Short-term value: 10mg/m³

Long-term value: 5mg/m³

OSHA PEL – Long-term value: 5mg/m³

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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
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Color:	Dark brown
Physical State:	Liquid
Odor:	Petroleum-like
Odor Threshold:	Data not available
pH:	Data not available
Melting Point:	Data not available
Boiling Point:	225° C / 437° F
Boiling Range:	Data not available
Flash Point:	>150° C / >302° 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:	7.739 pounds per gallon at 68° F
Solubilities:	Insoluble in water
Partition Coefficient:	Data not available
Auto-Ignition Temperature:	Data not available
Decomposition Temperature:	Data not available
Viscosity:	460 mm ² /sec (kinematic at 40° C)

10	STABILITY AND REACTIVITY
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Stability:

Stable under normal conditions.

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

Exposure Effects:

Irritant to skin and mucous membranes.
Irritant to eyes.
Inhalation of vapors or mists may cause irritation.

Measures of Toxicity:

Acute Toxicity Estimates:

Dermal LD50: 3478 mg/kg (rabbit)
Inhalative LC50: 657 mg/l (4 hours) (rat)

Asphaltic Resin

Oral LD50: >5000 mg/kg (rat)
Dermal LD50: >2000 mg/kg (rabbit)
Inhalative LC50: 377.6 mg/l (4 hours) (rat)

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Carcinogenic/Mutagenic Precautions:

Asphaltic resin: Carcinogenic category 2B (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 dispose of with household garbage.
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



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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: 08/10/2015

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