



Safety Data Sheet

Lyden Oil Company

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PROGUARD Ultimate AW 46 Hydraulic Fluid

SDS Number: 209151

1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD Ultimate AW 46 Hydraulic Fluid
Revision Date: 09/15/2015
SDS Number: 209151
Common Name: Hydrotreated heavy paraffinic oil
CAS Number: Blend
Product Code: 209151
Synonyms: Antiwear Hydraulic Fluid

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 = 0

Fire = 1

Reactivity = 0

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), hydrotreated heavy paraffinic	64742-54-7	<100
Residual oils, petroleum, solvent dewaxed	64742-62-7	<90
Non-hazardous materials	N/A	<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:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If the victim has difficulty breathing or tightness of the chest, is dizzy, vomiting or unresponsive, give oxygen with rescue breathing or CPR as required and transport to the nearest medical facility.

Skin Contact:

Flush skin with water, wash with soap and water. Remove contaminated clothing. Do not reuse clothing until cleaned. If material is injected under the skin, transport to the nearest medical facility for additional treatment.

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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:

Inhalation of oil mists or vapors generated at elevated temperatures may cause respiratory irritation. Dry skin and possible irritation with repeated and prolonged exposure.

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 and may cause frothing of materials heated above 100°C.

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:

Proper protective equipment including breathing apparatus.

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6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Avoid contact with skin, eyes, and clothing.
Keep away from sources of ignition.
For large spills, notify persons downwind of the release. Stay upwind of the spill.

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. Treat contaminated absorbent same as spilled product.

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.
Storage temperatures above 113°F may lead to thermal decomposition.

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8 EXPOSURE CONTROLS / PERSONAL PROTECTIONExposure Limits:

-64742-54-7 Distillates (petroleum), hydrotreated heavy parffinic (<100%):

ACGIH TWA – 5mg/m³ (oil mist)

ACGIH STEL - 10mg/m³ (oil mist)

OSHA TWA – 5mg/m³ (oil mist)

-64742-62-7 Residual oils, petroleum, solvent dewaxed (<90%):

ACGIH TWA – 5mg/m³ (oil mist)

ACGIH STEL - 10mg/m³ (oil mist)

OSHA TWA – 5mg/m³ (oil mist)

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:	Petroleum
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:	>302° F
Evaporation Rate:	Data not available
Flammability:	May Ignite
Flammability Limits:	Data not available
Vapor Pressure:	<1 mmHg
Vapor Density:	>1 (where air = 1)

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Relative Density:	7.08-7.41 pounds per gallon
Solubilities:	Insoluble in water
Partition Coefficient:	Data not available
Auto-Ignition Temperature:	Data not available
Decomposition Temperature:	Data not available
Viscosity:	46 mm ² /sec (kinematic at 40° 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:

Strong oxidizers and strong reducing agents.

Decomposition Products:

Hazardous decomposition products are not expected to form.

11 TOXICOLOGICAL INFORMATIONRoutes of Exposure:

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

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Exposure Effects:

Repeated skin contact may cause dermatitis or an oil acne.

Measures of Toxicity:

Acute Toxicity Estimates:

Oral LD50: >5 g/kg
Dermal LD50: >2 g/kg (rabbit)
Inhalative LC50: >5 mg/l (mist)

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.

Disposal Containers:

Use properly approved container for disposal.

Special Precautions:

Do not flush to surface waters or drains.

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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: 09/15/2015

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