

PROGUARD Universal Tractor Hydraulic Fluid

SDS Number: 411161

1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD Universal Tractor Hydraulic Fluid
Revision Date: 01/25/2018
SDS Number: 411161
Common Name: Severely hydrotreated petroleum oil
CAS Number: Blend
Product Code: 411161
Synonyms: Universal tractor hydraulic fluid

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:

WARNING

Hazard Classes/Categories:

Skin irritant, Category 2.
Hazardous to the aquatic environment, Category chronic 3.

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Hazard Statement(s):

H315: Causes skin irritation.
 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.
 P302+352: IF ON SKIN: Wash with plenty of soap and water.

Other Hazard Statement(s):

-NFPA Ratings:
 Health = 1
 Fire = 1
 Reactivity = 0

Repeated exposure may cause skin dryness or cracking.

3	COMPOSITION / INFORMATION ON INGREDIENTS
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Ingredients:

Mixture of the substances listed below with nonhazardous additions.

Chemical Name	CAS Number	Percentage
Lubricating oils (petroleum), hydrotreated spent Mineral Oil	64742-58-1	80-90
Petroleum distillates, hydrotreated heavy paraffinic	Various	3-7
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	64742-54-7	3-7
Calcium long-chain alkaryl sulfonate	68649-42-3	1-2
	Proprietary	0.5-1.5

**Any concentration shown as a range is to protect confidentiality or is due to batch variation.*

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4 FIRST AID MEASURES

Description of First Aid Measures:

Inhalation:

If symptoms develop, move victim to fresh air and keep in a position comfortable for breathing. 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.

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

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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.

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.

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Storage Requirements:

Keep container tightly sealed.
Keep away from sources of ignition.

8 EXPOSURE CONTROLS / PERSONAL PROTECTIONExposure Limits:

No data available.

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:	>475° F (246° C)
Boiling Range:	Data not available
Flash Point:	>390° F (246° C) (COC Method)
Evaporation Rate:	Data not available
Flammability:	Data not available
Flammability Limits:	Data not available
Vapor Pressure:	<0.1 mmHg
Vapor Density:	Data not available
Relative Density:	7.3 pounds per gallon
Solubilities:	Insoluble in water
Partition Coefficient:	Data not available
Auto-Ignition Temperature:	Data not available
Decomposition Temperature:	Data not available
Viscosity:	11 mm ² /sec (kinematic at 100° C)

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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.

Incompatible Materials:

Strong oxidizers, nitrates, peroxides, and chlorates.

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:

Acute Toxicity Estimates:

Oral LD50: >2000 mg/kg (rat)

Dermal LD50: >4480 mg/kg (rabbit)

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Carcinogenic/Mutagenic Precautions:

Non-carcinogenic and not expected to be mutagenic.

12 ECOLOGICAL INFORMATIONEcological Precautions:

Avoid exposing to the environment.

Ecological Effects:

No specific environmental or aquatic data available.

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



Safety Data Sheet

Lyden Oil Company

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Special Precautions:

Not regulated by DOT.

15	REGULATORY INFORMATION
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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
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Last Revision Date: 01/25/2018

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