

PROGUARD Arctic AW 15 Hydraulic Fluid

SDS Number: 509221

1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD Arctic AW 15 Hydraulic Fluid
Revision Date: 09/22/2015
SDS Number: 509221
Common Name: Hydrotreated petroleum oil
CAS Number: Blend
Product Code: 509221
Synonyms: Cold weather 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:

DANGER

Hazard Classes/Categories:

Aspiration hazard, Category 1.
Hazardous to the aquatic environment, Category acute 3.
Hazardous to the aquatic environment, Category chronic 3.

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Hazard Statement(s):

H304: May be fatal if swallowed and enters airways.
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.
P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331: Do NOT induce vomiting.
P405: Store locked up.
P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

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), hydrotreated light	64742-47-8	30-60
Lubricating oils (petroleum), C15-C13, hydrotreated	72623-86-0	30-60
2,6-di-tert-Butylphenol	128-39-2	0.1-1

**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:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately.

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:

Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately.

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.

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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.

Cleanup Procedures:

Pick up excess with inert absorbant material.

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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:

- 64742-47-8 Distillates (petroleum), hydrotreated light (30-60%):

OSHA TWA - 1200mg/m³

ACGIH TWA - 200mg/m³ (8 hours)

- 72623-86-0 Lubricating oils (petroleum), C15-C13, hydrotreated neutral oil-
based (30-60%):

ACGIH TWA - 5mg/m³ (8 hours)

OSHA TWA - 5mg/m³ (8 hours)

NIOSH REL - 5mg/m³ (10 hours), 10mg/m³ (15 minutes)

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: Clear
Physical State: Liquid
Odor: Petroleum

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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:	>392° 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:	0.85 to 0.86
Solubilities:	Data not available
Partition Coefficient:	Data not available
Auto-Ignition Temperature:	Data not available
Decomposition Temperature:	Data not available
Viscosity:	>13.9 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.

Decomposition Products:

Hazardous decomposition products are not expected to form.

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11 TOXICOLOGICAL INFORMATIONRoutes of Exposure:

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

Exposure Effects:

May be fatal if swallowed and enters airways.

Measures of Toxicity:

Component Acute Toxicity Estimates:

2,6-di-tert-Butylphenol:

Oral LD50: 1320 mg/kg (rat)

Dermal LD50: >10 g/kg (rabbit), Skin - moderate irritant: 0.5 mL (rat)

Carcinogenic/Mutagenic Precautions:

Non-carcinogenic and not expected to be mutagenic.

12 ECOLOGICAL INFORMATIONEcological Precautions:

Avoid exposing to the environment.

Ecological Effects:

- 64742-47-8 Distillates (petroleum), hydrotreated light (30-60%):

Acute LC50: 2200 µg/L (fresh water, fish) (4 days)

13 DISPOSAL CONSIDERATIONSDisposal 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: 09/22/2015

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