



# Safety Data Sheet

Lyden Oil Company

Page 1 of 8

## PROGUARD TriPurpose

SDS Number: 07168-AB

### 1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD TriPurpose  
Revision Date: 08/22/2016  
SDS Number: 07168-AB  
Common Name: Metalworking Fluid  
CAS Number: Blend  
Product Code: 07168-AB  
Synonyms: Lubricant, Coolant, Metalworking 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: **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.

## PROGUARD TriPurpose

SDS Number: 07168-AB

### Other Hazard Statement(s):

-NFPA Ratings:

Health = 1

Fire = 1

Reactivity = 0

## 3 COMPOSITION / INFORMATION ON INGREDIENTS

### Ingredients:

*Mixture of the substances listed below with nonhazardous additions.*

Chemical Name	CAS Number	Percentage
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	>95

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

## 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 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.

#### Eye Contact:

Flush eyes with running water for at least 15 minutes. If redness, blurred vision or irritation persists, transport to nearest medical facility for additional treatment.

**PROGUARD TriPurpose**

SDS Number: 07168-AB

Ingestion:

Do NOT induce vomiting and obtain medical attention. Have victim rinse mouth out with water. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

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:

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.

**PROGUARD TriPurpose**

SDS Number: 07168-AB

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.

**7** HANDLING AND STORAGE

Handling Precautions:

Avoid heat, open flames, including pilot lights, and strong oxidizing agents. Use general ventilation to prevent vapor accumulation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Have appropriate fire extinguishers and spill clean-up equipment in or near storage area.

Storage Requirements:

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

**8** EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

-Oil mist, mineral (0-90%):

ACGIH TLV – Long-term value: 5mg/m<sup>3</sup>

OSHA PEL – Long-term value: 5mg/m<sup>3</sup>

**PROGUARD TriPurpose**

SDS Number: 07168-AB

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**

Color:	Amber
Physical State:	Liquid
Odor:	Characteristic
Odor Threshold:	Data not available
pH:	Data not available
Melting Point:	Data not available
Boiling Point:	>260° C / >500° F
Boiling Range:	Data not available
Flash Point:	196° C / 385° F
Evaporation Rate:	<1 (where Butyl Acetate = 1)
Flammability:	Data not available
Flammability Limits:	Data not available
Vapor Pressure:	Data not available
Vapor Density:	Data not available
Relative Density:	0.8803
Solubilities:	Insoluble in water
Partition Coefficient:	Data not available
Auto-Ignition Temperature:	Data not available
Decomposition Temperature:	Data not available
Viscosity:	36 mm <sup>2</sup> /sec (kinematic at 40° C)

**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 and reducing agents.

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:

No test data available.

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

Special Precautions:

Not regulated by DOT.



# Safety Data Sheet

Lyden Oil Company

Page 8 of 8

## PROGUARD TriPurpose

SDS Number: 07168-AB

### 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: 08/22/2016

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