



# Safety Data Sheet

Lyden Oil Company

Page 1 of 8

## PROGUARD SD Circulating Oil 680

SDS Number: 17918

### 1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD SD Circulating Oil 680  
Revision Date: 08/14/2015  
SDS Number: 17918  
Common Name: Hydrotreated Heavy Paraffinic Oil  
CAS Number: Blend  
Product Code: 17918  
Synonyms: Petroleum based lubricant

#### Company Identification:

*Manufactured for:*  
LYDEN OIL COMPANY  
3711 LeHarp 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:

**WARNING**

Hazard Classes/Categories:

Serious eye irritation, Category 2B.

Hazard Statement(s):

H320: Causes eye irritation.

## PROGUARD SD Circulating Oil 680

SDS Number: 17918

### 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.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P337: If eye irritation persists: Get medical attention.

### Other Hazard Statement(s):

Repeated exposure may cause skin dryness or cracking.

## 3 COMPOSITION / INFORMATION ON INGREDIENTS

### Ingredients:

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

Chemical Name	CAS Number	Percentage
Residual oils, petroleum, solvent dewaxed	64742-62-7	>85
Additives	N/A	<15

*\*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:

If symptoms develop, move victim to fresh air. 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.

**PROGUARD SD Circulating Oil 680**

SDS Number: 17918

**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.

**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.

**PROGUARD SD Circulating Oil 680**

SDS Number: 17918

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:

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 PROTECTION

Exposure 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.

**PROGUARD SD Circulating Oil 680**

SDS Number: 17918

**9 PHYSICAL AND CHEMICAL PROPERTIES**

Color:	Amber
Physical State:	Liquid
Odor:	Data not available
Odor Threshold:	Data not available
pH:	Data not available
Melting Point:	Data not available
Boiling Point:	>425° F
Boiling Range:	Data not available
Flash Point:	250° C / 482° F (COC Method)
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:	7.42 pounds per gallon at 60° F
Solubilities:	Insoluble in water
Partition Coefficient:	Data not available
Auto-Ignition Temperature:	315.6° C / 600.1° F
Decomposition Temperature:	Data not available
Viscosity:	680 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:

No further relevant information available.

**PROGUARD SD Circulating Oil 680**

SDS Number: 17918

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:

Component Acute Toxicity Estimates:

Residual oils, petroleum, solvent dewaxed:

Oral LD50: >5000 mg/kg (rat)

Dermal LD50: >2000 mg/kg (rabbit)

Inhalative LC50: 2.18 mg/l (4 hours) (rat)

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.

**PROGUARD SD Circulating Oil 680**

SDS Number: 17918

**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.

**14 TRANSPORT INFORMATION**UN 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.

**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.



# Safety Data Sheet

Lyden Oil Company

Page 8 of 8

## PROGUARD SD Circulating Oil 680

SDS Number: 17918

16	OTHER INFORMATION
----	-------------------

Last Revision Date: 08/14/2015

*The information contained in this Safety Data Sheet (SDS) relates only to the specific material designated. LYDEN OIL COMPANY assumes no legal responsibility of the use or reliance upon this data. This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of the LYDEN OIL COMPANY.*