

PROGUARD MeritCut 810A

SDS Number: 17825

1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD MeritCut 810A
Revision Date: 08/22/2016
SDS Number: 17825
Common Name: Metalworking Fluid
CAS Number: Blend
Product Code: 17825
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:

WARNING

Hazard Classes/Categories:

Skin irritant, Category 2.
Serious eye irritation, Category 2B.

PROGUARD MeritCut 810A

SDS Number: 17825

Hazard Statement(s):

H315: Causes skin irritation.

H320: Causes eye irritation

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.

P264: Wash thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+352: IF ON SKIN: Wash with soap and water.

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

P332+313: If skin irritation occurs: Get medical advice/attention.

P337+313: If eye irritation persists- Get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

P501: Dispose of contents/ container to an approved waste disposal plant.

Other Hazard Statement(s):

-NFPA Ratings:

Health = 0

Fire = 1

Reactivity = 0

3 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:

Mixture of the substances listed below with nonhazardous additions.

| Chemical Name | CAS Number | Percentage |
|-----------------------------|------------|------------|
| 1-Amino-2-propanol | 78-96-6 | 0-100% |
| Triethanolamine | 102-71-6 | 0-100% |
| Ethanolamine | 141-43-5 | 0-100% |
| 1,2-Benzisothiazoline-3-one | 2634-33-5 | 0-100% |

SDS Number: 17825

**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 inhaled, move to fresh air. If victim has stopped breathing give artificial respiration, preferably, mouth to mouth. Contact a physician immediately.

Skin Contact:

IF ON SKIN, wash with soap and water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before reuse.

Eye Contact:

Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Gently remove contacts while flushing. Get medical attention if irritation persists.

Ingestion:

If swallowed, call a poison control center or doctor immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

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.

SDS Number: 17825

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.

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 STORAGEHandling Precautions:

Read label for instructions in use of product. Prevent small spills and leakage to avoid slip hazard. Avoid contact with skin, eyes and clothing. Do not wear contact lenses when handling this product. Keep out of the reach of children. Wash thoroughly after handling. Material can accumulate static charges which may cause an electrical spark (ignition source). Do not cut, weld, drill, grind, braze, or solder container.

Storage Requirements:

Store in closed containers in a cool, dry well ventilated area not exposed to sunlight. Maintain closure of bungs. Do not reuse container. Avoid container damage while storing. Do not allow material to be stored below 0°C. Do not allow material to freeze. Empty containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, bronze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity or other sources of ignition; they may explode and cause injury or death. Do not attempt to refill containers since residue is difficult to remove. Empty drums should be completely drained, properly bunged and returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner in accordance with governmental regulations.

8 EXPOSURE CONTROLS / PERSONAL PROTECTIONExposure Limits:

Monoisopropanolamine: 3 PPM (TWA)
Triethanolamine ACGIH TLV: 5 mg/m³
Base oil: (Mist) OSHA PEL: 5 mg/m³

SDS Number: 17825

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: | Bland |
| Odor Threshold: | Data not available |
| pH: | 9.30 ± 0.3 (at 5% in water) |
| Melting Point: | 0° C / 32° F |
| Boiling Point: | >105° C / >221° F |
| Boiling Range: | Data not available |
| Flash Point: | 179° C / 355° F |
| Evaporation Rate: | Data not available |
| Flammability: | Data not available |
| Flammability Limits: | Data not available |
| Vapor Pressure: | <1 mmHg at 20° C |
| Vapor Density: | Data not available |
| Relative Density: | 0.940 ± 0.01 |
| Solubilities: | Complete in water |
| Partition Coefficient: | Data not available |
| Auto-Ignition Temperature: | Data not available |
| Decomposition Temperature: | Data not available |
| Viscosity: | Data not available |

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.

11 TOXICOLOGICAL INFORMATIONRoutes 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.

SDS Number: 17825

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 9 of 9

PROGUARD MeritCut 810A

SDS Number: 17825

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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