

**PROGUARD MeritCut AC 1000**

SDS Number: 17894

**1** PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD MeritCut AC 1000  
Revision Date: 07/06/2017  
SDS Number: 17894  
Common Name: Hydrotreated heavy naphthenic oil  
CAS Number: Blend  
Product Code: 17894  
Synonyms: Cutting 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 IDENTIFICATIONSignal Word:**WARNING**Hazard Classes/Categories:

Skin sensitization, Category 1.

Hazard Statement(s):

H317: May cause an allergic skin reaction.

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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.  
P261: Avoid breathing dust/fumes/gas/mist/vapors/spray.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+352: IF ON SKIN: Wash with plenty of soap and water.  
P333+313: If skin irritation or a rash occurs: Get medical advice/attention.  
P363: Wash contaminated clothing before reuse.  
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
Severely Hydrotreated Heavy Naphthenic Distillate	64742-52-5	Proprietary
4- (2-Nitrobutyl) Morpholine	2224-44-4	Proprietary
Triethanolamine	102-71-6	Proprietary

*\*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:

Avoid breathing fumes. If inhaled, move victim to fresh air. If victim has stopped breathing, give artificial respiration, preferably, mouth-to-mouth. Seek immediate 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 at least 15 minutes under running water. Do not allow victim to rub eyes. If irritation develops, consult medical attention.

Ingestion:

Do not induce vomiting. Contact a physician 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.

**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.

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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:

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.

**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:

Store in closed containers in a cool, dry well ventilated area not exposed to sunlight. Maintain closure of bungs. Store at temperatures between 5°C and 30°C. Do not reuse container. Avoid container damage while storing. 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:

-Severely Hydrotreated Heavy Naphthenic Distillate:

ACGIH TLV – 5mg/m<sup>3</sup> (oil mist)

-102-71-6 Triethanolamine:

ACGIH TLV – 5mg/m<sup>3</sup>

Engineering Controls:

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

Personal Protective Equipment:

Respiratory protection: General room ventilation should be satisfactory. Exhaust ventilation may be necessary if misting is generated.

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Eye protection: No eye protection is needed under conditions of normal use. If there is a possibility that the product can be splashed into the eyes, then safety glasses with side shields or chemical goggles are required. Contact lenses should also not be worn if the product could be splashed into the eyes.

Hand protection: No gloves are required for single, short duration exposures. For prolonged or repeated exposures, wear rubber gloves.

Body protection: If product use involves single, short duration exposures, then no additional protective wear for covering the skin is required. For prolonged or repeated exposures to the skin, wear impervious, protective clothing including rubber safety shoes to avoid skin contact

**9** PHYSICAL AND CHEMICAL PROPERTIES

Color:	Amber
Physical State:	Liquid
Odor:	Data not available
Odor Threshold:	Data not available
pH:	9.2 (5% in water)
Melting Point:	Data not available
Boiling Point:	>105° C
Boiling Range:	Data not available
Flash Point:	355° 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:	0.95 at 15.5° C
Solubilities:	Miscible in water
Partition Coefficient:	Data not available
Auto-Ignition Temperature:	Data not available

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Decomposition Temperature: Data not available  
Viscosity: Data not available

**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.

Decomposition Products:

Hazardous decomposition products are not expected to form.

**11 TOXICOLOGICAL INFORMATION**Routes of Exposure:

Skin, inhalation, 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.

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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

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Special Precautions:

Not regulated by DOT.

<b>15</b>	<b>REGULATORY INFORMATION</b>
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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.

<b>16</b>	<b>OTHER INFORMATION</b>
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Last Revision Date: 07/06/2017

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