

PROGUARD Met Protect

SDS Number: 809199

1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD Met Protect
Revision Date: 09/19/2015
SDS Number: 809199
Common Name: Hydrotreated naphthenic oil
CAS Number: Blend
Product Code: 809199
Synonyms: Solvent-based rust preventative

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 IDENTIFICATIONSignal Word:**DANGER**Hazard Classes/Categories:

Aspiration hazard, Category 1.
Flammable liquid, Category 4.
Skin irritant, Category 2.
Systemic toxicity, Category 3.

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Hazard Statement(s):

H304: May be fatal if swallowed and enters airways.
H227: Combustible liquid.
H315: Causes skin irritation.
H336: May cause drowsiness or dizziness.

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.
P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331: Do NOT induce vomiting.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves and eye protection.
P302+352: IF ON SKIN: Wash with plenty of soap and water.
P332+313: If skin irritation occurs: Get medical advice/attention.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P370+378: In case of fire: Use dry chemical or foam to extinguish.
P405: Store locked up.
P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

Other Hazard Statement(s):

-NFPA Ratings:
Health = 1
Fire = 2
Reactivity = 0

3 COMPOSITION / INFORMATION ON INGREDIENTSIngredients:

Mixture of the substances listed below with nonhazardous additions.

Chemical Name	CAS Number	Percentage
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	<30
Distillates (petroleum), hydrotreated light	64742-47-8	<70

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

4 FIRST AID MEASURESDescription 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:

Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult medical attention.

Ingestion:

If swallowed, do not induce vomiting: transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

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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.

Emergency Procedures:

Contain spilled material, collect in suitable and properly labeled containers.

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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. Treat contaminated absorbent same as spilled product.

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:

-64742-52-5 Distillates (petroleum), hydrotreated heavy naphthenic (<30%):

ACGIH TLV – Short-term value: 10mg/m³

Long-term value: 5mg/m³

OSHA PEL – Long-term value: 5mg/m³

-64742-47-8 Distillates (petroleum), hydrotreated light (<70%):

OSHA TWA – Long-term value: 1200mg/m³

Engineering Controls:

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

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Personal Protective Equipment:

Wash hands before breaks and at the end of work.

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:	>500° F
Boiling Range:	Data not available
Flash Point:	144° F
Evaporation Rate:	<1 (where Butyl Acetate = 1)
Flammability:	Data not available
Flammability Limits:	1.3% Lower, 9.8% Upper (68°F in air)
Vapor Pressure:	Data not available
Vapor Density:	Data not available
Relative Density:	0.8277 (where water = 1)
Solubilities:	Insoluble in water
Partition Coefficient:	Data not available
Auto-Ignition Temperature:	Data not available
Decomposition Temperature:	Data not available
Viscosity:	<14 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.

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Hazardous Reactions:

No known hazardous reactions.

Incompatible Materials:

Strong oxidizers and strong reducing agents.

Decomposition Products:

Oxides of carbon and hydrogen.

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. Exposure to eyes may cause redness. Harmful if swallowed, aspiration hazard.

Measures of Toxicity:

No test data available.

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.

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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 INFORMATION

UN Number: Data not available
UN Shipping Name: Combustible Liquid, N.O.S.
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.



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16	OTHER INFORMATION
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