

**PROGUARD Met Protect 40WD**

SDS Number: 803301

**1** PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD Met Protect 40WD  
Revision Date: 03/30/2016  
SDS Number: 803301  
Common Name: Solvent based corrosion inhibitor  
CAS Number: Blend  
Product Code: 803301  
Synonyms: Rust preventative

**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:**DANGER**Hazard Classes/Categories:

Aspiration hazard, Category 1.  
Flammable liquid, Category 4.  
Skin irritant, Category 2.  
Specific target organ toxicity – single exposure, 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. Do not induce vomiting.  
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P302+352: IF ON SKIN: Wash with plenty of soap and water.  
P361+364: Take off immediately all contaminated clothing and wash it before reuse.  
P261: Avoid breathing dust/fumes/gas/mist/vapors/spray.  
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.  
P410+403: Protect from sunlight. Store in a well-ventilated place.  
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

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**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	<80

*\*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:**

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.

**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.

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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:

Procedures for an oil fire should be followed.

Recommendations to Firefighters:

Use self-contained breathing apparatus. Use foam or dry chemical to extinguish fire. Water may be used only to keep surrounding containers cool. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

**6** ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Avoid eye contact. Avoid repeated or prolonged skin contact.  
Personal protective equipment must be worn.  
Avoid contact with skin, eyes or clothing. Keep unprotected persons away.

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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:

-Distillates (petroleum), hydrotreated naphthenic:

OSHA TWA – 5mg/m<sup>3</sup> (oil mist)

-Distillates (petroleum), hydrotreated light:

OSHA TWA – 1200mg/m<sup>3</sup>

Engineering Controls:

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

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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:	>500° F
Boiling Range:	Data not available
Flash Point:	144° F
Evaporation Rate:	<1
Flammability:	Combustible
Flammability Limits:	1.3% Lower, 9.8% Upper at 68 °F in air
Vapor Pressure:	Data not available
Vapor Density:	Data not available
Relative Density:	0.8235
Solubilities:	Insoluble in water
Partition Coefficient:	Data not available
Auto-Ignition Temperature:	Data not available
Decomposition Temperature:	Data not available
Viscosity:	<14 mm <sup>2</sup> /sec (kinematic at 40° C)

**10** **STABILITY AND REACTIVITY**Stability:

Stable under normal conditions.

Reactivity:

Not reactive under normal conditions.

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Conditions to Avoid:

Extreme temperature, sparks, open flame, and direct sunlight.

Hazardous Reactions:

No known hazardous reactions.

Incompatible Materials:

Strong oxidizers and strong reducing agents.

Decomposition Products:

Oxides of carbon and hydrogen.

<b>11</b>	<b>TOXICOLOGICAL INFORMATION</b>
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Routes of Exposure:

Skin and eye contact are the primary routes of exposure although exposure may occur following accidental ingestion.

Exposure Effects:

This mixture can cause irritation, redness to the eyes. Prolonged and/or repeated skin contact may cause irritation/dermatitis. May be fatal if swallowed and enters airways. Aspiration hazard. Mists and vapors may cause respiratory irritation ,drowsiness and dizziness.

Measures of Toxicity:

No test data available.

Carcinogenic/Mutagenic Precautions:

Non-carcinogenic and not expected to be mutagenic.

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**12 ECOLOGICAL INFORMATION**Ecological Precautions:

Avoid exposing to the environment.

Ecological Effects:

No specific environmental or aquatic data available.

**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: NA1993  
UN Shipping Name: Combustible Liquid, N.O.S.  
Transport Hazard Class: 3  
Packing Group: III

Environmental Hazards:

Data not available

Bulk Transport Guidance:

Data not available

Special Precautions:

Data not available





# Safety Data Sheet

Lyden Oil Company

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### 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: 03/30/2016

*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.*