

## PROGUARD Windshield Washer Fluid Pre-Mix

SDS Number: 911191

### 1 PRODUCT AND COMPANY INFORMATION

Product Name: PROGUARD Windshield Washer Fluid Pre-Mix  
Revision Date: 01/11/2016  
SDS Number: 911191  
Common Name: Windshield washer fluid  
CAS Number: Blend  
Product Code: 911191  
Synonyms: Alcohol based cleaner

#### 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:

**DANGER**

Hazard Classes/Categories:

Flammable liquid, Category 3.  
Acute toxicity, Oral category 5.  
Acute toxicity, Dermal category 5.

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Acute toxicity, Inhalation category 5.  
Specific target organ toxicity – single exposure, Category 1.

Hazard Statement(s):

H226: Flammable liquid and vapor.  
H303: May be harmful if swallowed.  
H333: May be harmful if inhaled.  
H313: May be harmful in contact with skin.  
H370: Causes damage to organs- liver, kidneys, central nervous system and optic nerve.

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.  
P260: Do not breathe mist.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P362: Take off contaminated clothing.  
P363: Wash contaminated clothing before reuse.  
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
P302+352: IF ON SKIN: Wash with plenty of soap and water.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
P403: Store in a well ventilated place.  
P401: Store away from heat and ignition sources.  
P411: Store at temperatures not exceeding 30°C.  
P420: Store away from oxidizing materials and strong acids.  
P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

Other Hazard Statement(s):

-NFPA Ratings:  
Health = 1  
Fire = 3  
Reactivity = 0

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**3 COMPOSITION / INFORMATION ON INGREDIENTS**Ingredients:*Mixture of the substances listed below with nonhazardous additions.*

Chemical Name	CAS Number	Percentage
Methanol	67-56-1	30-40

*\*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:**

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:**

Can cause irritation to eyes. Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult medical attention.

**Ingestion:**

Call a poison center or physician. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. DO NOT induce vomiting.

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Symptoms and Effects, both acute and delayed:

Can cause irritation to eyes and mucous membranes. Sore throat, shortness of breath, coughing and congestion. Skin irritation, itching, dermatitis. Irritation to mucous membranes.

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 spray may be used for larger fires.

Possible Hazards During a Fire:

Hazardous combustion products may include carbon oxides.

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, direct sunlight, and high heat.

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. Ventillate area of spill.

## 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 and heat.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits:

-67-56-1 Methanol (30-40%):

ACGIH TWA – 200 ppm  
ACGIH STEL – 250 ppm  
OSHA TWA – 260 mg/m<sup>3</sup>

### 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.

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**9 PHYSICAL AND CHEMICAL PROPERTIES**

Color:	Blue
Physical State:	Liquid
Odor:	Alcohol
Odor Threshold:	Data not available
pH:	9.0-10.0
Melting Point:	-25° F
Boiling Point:	176° F
Boiling Range:	Data not available
Flash Point:	91° F
Evaporation Rate:	>1 (where Butyl Acetate = 1)
Flammability:	Data not available
Flammability Limits:	Data not available
Vapor Pressure:	Data not available
Vapor Density:	<1 (Air = 1)
Relative Density:	0.92 (where water = 1)
Solubilities:	Completely soluble 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 REACTIVITY**Stability:

Stable under normal conditions.

Reactivity:

Not reactive under normal conditions.

Conditions to Avoid:

Elevated temperatures, sparks, open flame, and direct sunlight.

Hazardous Reactions:

No known hazardous reactions.

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Incompatible Materials:

Strong oxidizers, strong acids, and strong bases.

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. Exposure to eyes may cause redness and blurred vision. Harmful if swallowed, may cause burns to mouth and esophagus.

Measures of Toxicity:

Component Acute Toxicity Estimates:

Methanol:

Oral LD50: 7300 mg/kg (rat)

Dermal LD50: 15800 mg/kg

Inhalative LC50: 87.5 mg/l (6 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.

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**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: UN 1993  
UN Shipping Name: Flammable Liquids, N.O.S. (Methanol)  
Transport Hazard Class: 3  
Packing Group: III

Environmental Hazards:

Data not available

Bulk Transport Guidance:

Reportable Quantity: 5000 pounds

Special Precautions:

Placard: FLAMMABLE

**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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### OTHER INFORMATION

Last Revision Date: 01/11/2016

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