

Safety Data Sheet

Product identifier used on the label: PREFRED LUBRICNTS -20 WW6/1 GAL

Product Code: PE2M206P

Revision Date: 08-20-2023

Replaces: 07-26-2023

1. Identification

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Other means of identification:

Synonyms: No data available

Recommended use of the chemical and restrictions on use:

Recommended use: Windshield Wash

Restrictions on use: Uses other than those described above

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party: Highline Warren LLC
4500 Malone Road
Memphis, TN 38118

Phone number: +01 (901) 437-8615

E-mail address: sds@highlinewarren.com

Emergency phone number: CHEMTREC: +1 (800) 424-9300 International: +01 (703) 527-3887

2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

GHS Hazard Symbols:



GHS Classification: Flammable Liquid Category 3
Acute Toxicity - Oral Category 4
Acute Toxicity - Dermal Category 3
Acute Toxicity - Inhalation Vapor Category 3
Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 1

Signal Word: Danger

Hazard Statements: Flammable liquid and vapor; Harmful if swallowed; Toxic in contact with skin or if inhaled; Causes damage to organs

Precautionary Statements:

Prevention: Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Ground/bond container and receiving equipment. Use explosion-proof

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electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: If swallowed: Call a poison center/doctor if you feel unwell. If on skin: Wash with plenty of water. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. Rinse mouth. Take off immediately all contaminated clothing and wash it before reuse. In case of fire: Use an appropriate extinguisher (see section 5) to extinguish.

Storage: Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified: No data available

3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Methanol	No data available	67-56-1	15 - 40

4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Inhalation: If inhaled: Remove person to fresh air and keep comfortable for breathing.

Eye Contact: Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.

Skin Contact: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If on skin: Wash with plenty of water. Specific treatment (see Sections 4 - 8 of Safety Data Sheet). Take off immediately all contaminated clothing and wash it before reuse.

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Ingestion:

If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth.

Most important symptoms/effects, acute and delayed:

Impaired vision. Muscle pains. Temporary or permanent blindness. Systemic effects similar to those resulting from ingestion. Mental confusion. Coughing. Drowsiness. Dizziness. Headache. Nausea Vomiting. Specific treatment (see Sections 4 - 8 of Safety Data Sheet).

Indication of immediate medical attention and special treatment needed, if necessary:

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:

Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water may be ineffective but water spray can be used to extinguish a fire if swept across the base of the flames. Water can absorb heat and keep exposed material from being damaged by fire.

Unsuitable extinguishing media:

No data available

Specific hazards arising from the chemical:

Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back.

Hazardous combustion products:

Carbon monoxide, Formaldehyde

Special protective equipment and precautions for fire-fighters:

In case of fire: Use an appropriate extinguisher (see section 5) to extinguish.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Exposure to the spilled material may be severely irritating or toxic. Follow personal protective equipment recommendations found in Section 8 of this SDS. Personal protective equipment needs must be evaluated based on the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.

Methods and materials for containment and cleaning up:

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal

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protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material. Gather and store in a sealed container pending a waste disposal evaluation. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

7. Handling and storage

Precautions for safe handling: Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions: Store in a well-ventilated place. Keep cool. Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Materials to Avoid/Chemical Incompatibility: Strong oxidizing agents, Strong acids, Peroxides, Hypochlorites, Acetic anhydride, Caustics (bases)

8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical component	OSHA PEL	ACGIH TLV	ACGIH STEL	IDLH	US WEEL
Methanol	200 ppm TWA; 260 mg/m3 TWA	200 ppm TWA	250 ppm STEL	6000 ppm IDLH	No data available

Appropriate engineering controls: Use only outdoors or in a well-ventilated area. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.

Individual protection measures, such as personal protective equipment:

Respiratory Protection: Do not breathe dust/fume/gas/mist/vapors/spray.

Respirator Type(s): If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant

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a respirator's use.

Eye protection:	Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses. An eye wash station must be available where this product is used.
Skin protection:	Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.
Gloves:	Butyl rubber, Polyethylene, Polyvinylalcohol
Other protective equipment:	An eye wash station must be available where this product is used.
General hygiene conditions:	Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling.

9. Physical and chemical properties

Appearance (physical state, color etc.):

Physical state:	Liquid
Color:	Blue
Odor:	MildAlcohol
Odor Threshold:	Not determined
pH:	No data available
Melting point/freezing point:	
Melting Point:	No data available
Freezing point:	No data available
Initial boiling point and boiling range (°C):	No data available
Flash Point (°C):	34.4
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	
Upper flammability or explosive limits:	Not established
Lower flammability or explosive	Not established

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limits:

Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	0.95
Solubility(ies):	Miscible
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition Temperature:	Not determined
Viscosity:	No data available

10. Stability and reactivity

Reactivity:	There are no known reactivity hazards associated with this product.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	None expected under standard conditions of storage.
Conditions to avoid (e.g., static discharge, shock, or vibration):	Sparks, open flame, other ignition sources, and elevated temperatures. Visible light
Incompatible materials:	Strong oxidizing agents, Strong acids, Peroxides, Hypochlorites, Acetic anhydride, Caustics (bases)
Hazardous decomposition products:	Carbon monoxide, Formaldehyde

11. Toxicological information

Description of the various toxicological (health) effects and the available data used to identify those effects:

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):	Ingestion, Absorption, Inhalation, Skin contact
Symptoms related to the physical, chemical and toxicological characteristics:	Impaired vision. Muscle pains. Temporary or permanent blindness. Systemic effects similar to those resulting from ingestion. Mental confusion. Coughing. Drowsiness. Dizziness. Headache. Nausea Vomiting.

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Ingestion:	Harmful if swallowed
Skin Contact:	Toxic in contact with skin or if inhaled
Inhalation:	No hazard in normal industrial use. Likely to be practically non-toxic based on animal data.

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Eye Contact:	The material is likely to be moderately irritating to eyes based on animal data.
Sensitization:	Non-hazardous under Respiratory Sensitization category.No data available to indicate product or components may be a skin sensitizer.
Mutagenicity:	No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
Carcinogenicity:	None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA.
Reproductive toxicity	Not known or reported to cause reproductive or developmental toxicity.
STOT-single exposure:	Classification has been based on toxicological information of the components in Section 3.
STOT-repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.
Other information:	None known.

Numerical measures of toxicity (such as acute toxicity estimates)

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Methanol	Oral LD50 Rat 6200 mg/kg	Dermal LD50 Rabbit 15800 mg/kg	Inhalation LC50 (8h) Rat 22500 ppm

Classification has been based on toxicological information of the components in Section 3.

Is the hazardous chemical listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
There are no components that are known or reported to cause cancer.			

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available):

This material is not expected to be harmful to the ecology.

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Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Methanol	67-56-1	No data available	No data available	LC50 (96h) Lepomis macrochirus (Bluegill) 13500 - 17600 mg/L LC50 (96h) Rainbow Trout 18 - 20 ml/l LC50 (96h) Rainbow Trout 19500 - 20700 mg/L LC50 (96h) Pimephales promelas (Fathead Minnow) > 100 mg/L LC50 (96h) Pimephales promelas (Fathead Minnow) 28200 mg/L

Persistence and degradability:

Biodegrades quickly.

Bioaccumulative potential:

Bioconcentration is not expected to occur.

Mobility in soil:

This material is expected to have very high mobility in soil. It does not absorb to most soil types. This material is expected to evaporate quickly from surface soils and/or waters.

Other adverse effects (such as hazardous to the ozone layer):

None known.

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:

Dispose of contents and container in accordance with local/regional/national/international regulations.

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Waste codes / waste designations: D001
Contaminated packaging: Containers of this material may be hazardous when emptied.

14. Transport information

Carriage of dangerous goods by road (DOT), rail or inland waterways:

Exception: UN1993, FLAMMABLE LIQUID, N.O.S. (METHANOL), 3, III, LIMITED QUANTITY

International carriage of dangerous goods by sea (IMDG/IMO):

UN number: UN1993
UN Proper shipping name: FLAMMABLE LIQUIDS, N.O.S
Technical Name: METHANOL
Transport hazard class(es): 3
Packing group, if applicable: III
Exception: LTD QTY
EMS#: F-E, S-E

International carriage of dangerous goods by air (IATA):

UN number: UN1993
UN Proper shipping name: FLAMMABLE LIQUIDS, N.O.S
Technical Name: METHANOL
Transport hazard class(es): 3
Packing group, if applicable: III
Exception: LTD QTY

Environmental hazards (e.g., Marine pollutant (Yes/No)): None.

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): No data available

Special precautions which a user needs to be aware of or needs to comply with in connection with transport or conveyance either within or outside: No data available

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their premises:

15. Regulatory information

Safety, health and environmental regulations specific for the product in question:

TSCA Status: All components of this material are on the Active US TSCA Inventory or are exempt.

Regulated Components:

Chemical Name	CAS #	CERCLA	Sara EHS	Sara 313	U.S. HAP
Methanol	67-56-1	Y	N	Y	Y

Chemical Name	CAS #	California Prop 65 - Cancer	California Prop 65 - Dev. Toxicity	California Prop 65 - Reprod fem	California Prop 65 - Reprod male
Methanol	67-56-1	N	Y	N	N

California Prop 65

This product can expose you to methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Chemical Name	CAS #	Massachusetts RTK List	New Jersey RTK List	Pennsylvania RTK List	Rhode Island RTK List	Minnesota Hazardous Substance List
Methanol	67-56-1	Y	Y	Y	N	Y

16. Other information, including date of preparation or last revision.

SDS Prepared by: CDURSTON

Revision Date: 08-20-2023

Revision Number: 2

Reason for revision: 09ODA025 Standard Phrase Change

References: No data available

Other Info: No data available

Disclaimer: This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we

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believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.