

EcoLube Recovery, LLC.
 1011 E. Main St.
 Puyallup WA 98372
 833-ECO-LUBE

www.ecoluberecovery.com

SAFETY DATA SHEET

Windshield Washer Fluid Extreme Winter Blend

SECTION 1 – IDENTIFICATION OF SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

1.1 Product Identifier	Product form: Mixture Product name: : Premium Windshield Washer Fluid – Extreme Winter Blend
1.2 Relevant identified uses of the substance or mixture and uses advised against	Use of the substance/ mixture: Automotive Window Washer Fluid
1.3 Details of the supplier of the safety data sheet	EcoLube Recovery, LLC. 1011 E. Main St. Puyallup WA 98372
1.4 Emergency Telephone Number	833-ECO-LUBE www.ecoluberecovery.com

SECTION 2 – HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE

SUBSTANCE OR MIXTURE

GHS-US Classification

Flammable Liquids –	Category 3
Acute Toxicity - Oral	Category 3
Eye Irritation-	Category 2A
Reproductive Toxicity-	Category 1

2.2 Hazard pictograms (GHS-US)



Signal word (GHS-US)

Danger

Hazard Statements:

Flammable liquid and vapor.
 Toxic if swallowed.
 Causes serious eye irritation.
 May cause damage to organs.
 May cause drowsiness or dizziness

Precautionary statements

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take action to prevent static discharges. Use non-sparking tools. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance	Not applicable		
3.2 Mixture			
Name	Product identifier	% by wt	GHS-US classification
Methyl alcohol	(CAS No) 67-56-1	< 8	
Additives	NA	< 1	Not classified

SECTION 4 – FIRST AID MEASURES

4.1 Emergency and First Aid Procedures:	Eye contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
	Skin contact:	IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. Take off contaminated clothing and wash before reuse.
	Ingestion:	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth.
	Inhalation:	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
4.2 Most important symptoms and effects, both acute and delayed	Symptoms/injuries after skin contact: May causes skin irritation Symptoms/injuries after eye contact: May cause mild irritation or redness Symptoms/injuries after ingestion: Swallowing small amounts may be harmful	
4.3 Indication of any immediate medical attention and special treatment needed	Exposure to this material may aggravate any preexisting condition sensitive to a decrease in available oxygen, such as chronic lung disease, coronary artery disease or anemias.	

SECTION 5 – FIRE-FIGHTING MEASURES

5.1 Extinguishing media	Dry chemical, Carbon Dioxide, water spray, or foam. Water may be ineffective but may be used to cool exposed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat.
5.2 Special hazards arising from the substance or mixture	
Fire Hazard	During a fire, smoke may contain the original material in addition to the combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to carbon monoxide and carbon dioxide
Reactivity	No dangerous reactions known under normal conditions of uses
5.3 Advice for firefighters	
Firefighter instructions	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering the environment
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection
Special protective equipment for fire fighters	Wear positive pressure self-contained breathing apparatus (SCBA). Protective fire fighting clothing (Included fire-fighting helmet, coat, boots and gloves).

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate unnecessary personnel
Equip cleanup crew with proper protection

6.2 Environmental precaution

Prevent entry to sewer and public waters. Notify authorities if liquids enter sewer or public water

SECTION 7 – HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep away from heat, sparks, or flame. Where flammable mixtures may be present, equipment safe for such locations should be used. Use clean, sparkproof tools and explosion-proof equipment. When transferring product, metal containers, including trucks and tank cars, should be grounded and bonded. Do not breathe vapor or mist. Use in a well ventilated area. Avoid contact with eyes, skin, clothing, shoes. Do not smoke while using this product. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

7.2 Conditions for safe storage

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Keep containers away from heat, flame, sparks, static electricity, or other sources of ignition. Keep container tightly closed. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Empty product containers may retain product residue and can be dangerous. Protect from sunlight.

7.3 Incompatible Materials

Acids, halocarbons, combustible materials, metals, oxidizing materials, halogens, metal carbide, bases, amines

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Methyl alcohol (67-56-1)

USA ACGIH Ceiling (mg/m³) 260.00 mg/m³
USA ACGIH Remark (ACGIH) Skin - potential significant contribution to overall exposure by the cutaneous route

8.2 Exposure controls

Personal Protective Equipment (PPE)

Avoid all unnecessary exposure. Gloves and Safety Glasses
Hand Protection: Wear protective gloves
Eye Protection: Chemical goggles and Safety glasses
Respiratory Protection: If exposed to levels above exposure limits wear appropriate respiratory protection



Comments:

Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State / Color / Odor
pH

Clear, Blue liquid, Mild alcohol odor
7.5 - 9

Freezing / Boiling / Flash point

-40°C (-40°F) / 69°C (156.2°F) / 13°C (53°F) 100%EG

Specific Gravity / Density

.9562 @ 70 F

SECTION 10 – STABILITY AND REACTIVITY

10.1 Reactivity	No dangerous reactions known under normal conditions of use
10.2 Chemical Stability	Stable
10.3 Possibility of hazardous reactions	Hazardous polymerization will not occur
10.4 Conditions to avoid	Keep away from any flames or sparking source. Extremely high or low temperatures
10.5 Incompatible materials	Keep away from strong acids, strong bases and oxidizing agents
10.6 Hazardous decomposition products	Carbon dioxide, carbon monoxide, fume, alcohols, aldehydes, ethers

SECTION 11 – TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Methyl alcohol (67-56-1) Oral LD50 Rat 6200 mg/kg; Dermal LD50 Rabbit 15840 mg/kg; Inhalation LC50 Rat 22500 ppm 8 h

Eye Effects:	Believed to cause slight eye irritation.
Skin Effects:	Can be irritating to skin upon prolonged contact
Acute Inhalation Effects:	Drowsiness, narcosis, and unconsciousness possible upon exposure to high concentrations in poorly ventilated confined spaces.
Acute Oral Effects:	Can cause irritation to mouth, throat and stomach
Carcinogenicity:	Neither product nor its ingredients are listed by IARC, NTD or OSHA
Mutagenicity:	Not mutagenic
Teratogenicity:	Not Teratogenic

SECTION 12 – ECOLOGICAL INFORMATION

12.1 Toxicity

Methyl Alcohol (67-56-1)
LC50 fish 96h 28,200 mg/l

12.2 Persistence and Degradability

No information available for the product

12.3 Bioaccumulative Potential

No information available for the product

12.4 Mobility in soil

No information available for the product

SECTION 13 – DISPOSAL CONSIDERATIONS

13.1 Waste Treatment methods

Waste Disposal Method: Dispose in accordance with federal, state, provincial, and local regulations. The responsibility for proper waste disposal lies with the owner of the waste. Regulations may also apply to empty containers. Contact ChemTrec at (800)262-8200 regarding proper recycling or disposal.

SECTION 14 – TRANSPORT INFORMATION

DOT Proper Shipping Name:	METHANOL
DOT Hazards classes	3 (6.1)
UN.NA #	UN3082
Packing Group	II

SECTION 15 – REGULATORY INFORMATION

15.1 US Federal regulations

EPA TSCA Regulatory Flag Toxic Substances Control Act (TSCA): The intentional ingredients of this product are listed

Methyl Alcohol (67-56-1)

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan. Methyl alcohol 67-56-1 SARA 313: 1 % de minimis concentration CERCLA: 5000 lb final RQ ; 2270 kg final RQ SARA Section 311/312 (40 CFR 370 Subparts B and C) 2016 reporting categories Acute Health: Yes Chronic Health: Yes Fire: Yes Pressure: No Reactivity: No

15.2 International regulations

CANADA

WHMIS Classification

No information available.

15.2.2 National Regulations

No information available.

15.3 US State Regulations

No information available.

SECTION 16 – OTHER INFORMATION

Additional Hazard Rating Systems: None

Disclaimer: THE INFORMATION GIVEN HEREIN IS GIVEN IN GOOD FAITH AND FROM SOURCES WE BELIEVE RELIABLE. BUT NO WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS CORRECTNESS IS MADE.

The conditions or methods of handling, storage, use and disposal of this product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.

This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not apply.

CONSULT COMPANY LISTED IN SECTION 1 FOR FURTHER INFORMATION.