



SAFETY DATA SHEET

Product identifier used on the label:

**Ridgeline Windshield Washer Fluid
-30°F / -34°C**

Stock Number: RIDWINWAS

Date: 4-3-2024

1. IDENTIFICATION

Product identifier used on the label:

Ridgeline Windshield Washer Fluid -30°F / -34°C

Stock Number:

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Synonyms:

Washer Fluid

Recommended use of the chemical and restrictions on use:

Recommended use:

Washer Fluid

Restrictions on use:

Uses other than those described above

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:

Parkland Corporation
1800, 240 4 Ave SW Calgary, AB T2P 4H4

Phone number:

+1-403-567-2500

E-mail address:

info@ridgelinelubricants.com

Emergency phone number:

+1-403-357-6400

2. HAZARD(S) IDENTIFICATION

Classification of the substance or mixture

Flammable liquid – Category 3; Acute toxicity (Oral) - Category 3; Acute toxicity (Dermal) - Category 3; Acute toxicity (Inhalation) - Category 3; Specific target organ toxicity (single exposure) - Category 1

Classification (GHS-US)



Label Elements

GHS-US Labeling

Signal Word (GHS-US)

Danger

Hazard Statements (GHS-US)

H226 Flammable liquid and vapor.

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H331 Toxic if inhaled.

H370 Causes damage to organs (eyes) if swallowed.

Precautionary Statements (GHS-US)

P210 Keep away from heat, sparks, open flames, and hot surfaces. – No smoking.

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P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical, ventilating, lighting, and other equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P260 Do not breathe fume, mist, vapors, spray.
P264 Wash hands and skin thoroughly after handling.
P270 Do not eat, drink, or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTRE/doctor.
P330 Rinse mouth.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P312 Call a POISON CENTRE/doctor if you feel unwell.
P363 Wash contaminated clothing before reuse.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 Call a POISON CENTRE/doctor if you feel unwell.
P321 Specific treatment (see supplemental first aid instruction on this label).
P370 + P378 In case of fire: Use appropriate foam, carbon dioxide, dry chemical powder, water spray or fog to extinguish.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No.	%
Methanol	67-56-1	30.0 - 35.0%

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: Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Skin Contact: Remove contaminated clothing. Drench affected area with water or soap and water for at least 15 minutes. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or

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persists.

Ingestion:

Do NOT induce vomiting. Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms/effects, acute and delayed:

No known significant effects or critical hazards. Overexposure may be irritating to the respiratory system. Repeated or prolonged skin contact may cause irritation. Direct contact with the eyes is likely irritating. Ingestion is likely to be harmful or have adverse effects.

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

If you feel unwell, seek medical advice (show the label where possible)

5. FIRE-FIGHTING MEASURES

Health: 1 **Flammability: 3** **Reactivity: 0**

NFPA Ratings



Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:

Carbon dioxide, dry chemical powder, or appropriate foam. Special "alcohol resistant fire-fighting foams".

Unsuitable extinguishing media:

Water is not effective for extinguishing a fire. It may not cool product below its flash point.

Highly flammable liquid and vapor. Can ignite at room temperature. Releases vapor that can form explosive mixture with air. Can be ignited by static discharge. Can accumulate static charge by flow, splashing or agitation. Even dilute solutions in water may be flammable. May travel a considerable distance to a source of ignition and flash back to a leak or open container. See Section 9 (Physical and Chemical Properties) for flash point and explosive limits. Burns with an invisible flame. May accumulate in hazardous amounts in low-lying areas especially inside confined spaces, resulting in a fire hazard.

In a fire, the following hazardous materials may be generated: toxic chemicals; very toxic carbon monoxide, carbon dioxide; very toxic, flammable formaldehyde.

Use water spray or fog for cooling exposed containers.

Exercise caution when fighting any chemical fire. Prevent firefighting water from entering the environment. Do not enter fire area without proper protective equipment, including respiratory protection.

Special protective equipment and precautions for fire-fighters:

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Evacuate downwind locations. Use the personal protective equipment recommended in Section 8 of this safety data sheet. Increase ventilation to area or move leaking container to a well-ventilated and secure area. Eliminate all ignition sources. Use grounded, explosion-proof equipment. May accumulate in hazardous amounts in low-lying areas especially inside confined spaces if ventilation is not sufficient. Distant ignition and flashback are possible.

Methods and materials for containment and cleaning up:

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements, or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g., sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

7. HANDLING AND STORAGE

Precautions for safe handling:

Put on appropriate personal protective equipment (see section 8). Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash hands and face before eating, drinking, and smoking. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame, or any other ignition source. Use explosion-proof electrical (ventilating, lighting, and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions:

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight

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in a dry, cool, and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

	ACGIH TLV®		OSHA PEL		AIHA WEEL	
Chemical Name	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Methanol	200 ppm	250 ppm	200 ppm	250 ppm		

Appropriate engineering controls: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Individual protection measures, such as personal protective equipment:

Respiratory Protection: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Respirator Type(s): None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

Eye protection: Wear safety glasses when handling this product if there is a likelihood of contact with eyes.

Skin protection: Wear suitable protective clothing. Where use can result in skin contact, practice good personal hygiene, and wear impervious gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves: Neoprene, Nitrile

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	Clear Blue
Odor:	Pungent
Odor threshold:	Not Available
Relative evaporation rate (butylacetate=1)	Greater than n-butyl acetate
Melting Point:	Not Available
Freezing Point:	-37.2 °C (-35 °F)
Boiling Point:	74-90 °C (166-194 °F)
Flash Point:	30 °C (86 °F)
Pour Point:	Not Available
Auto-ignition temperature:	Not Available
Decomposition temperature:	Not Available
Flammability (solid, gas):	Not Available
Vapor pressure:	100 mm Hg @ 21.2 °C
Specific gravity:	Not determined
Density (air=1) Relative:	Heavier than air
Solubility(ies):	Not soluble in water

10. STABILITY AND REACTIVITY

Reactivity:	There are no known reactivity hazards associated with this product.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	None expected under standard conditions of storage.
Conditions and Materials to Avoid:	Heat. Open flames, sparks, static discharge, heat and other ignition sources.
Hazardous Decomposition Products:	Very toxic carbon monoxide, carbon dioxide; very toxic, flammable formaldehyde.

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11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Ingestion; eye contact; skin contact; inhalation.

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Methanol	83867.5 mg/m ³ (rat) (4-hour exposure)	5628 mg/kg (rat)	15800 mg/kg (rabbit)

LC50: Not applicable.

LD50 (oral): Not applicable. LD50 (dermal): Not applicable.

Skin Corrosion/Irritation

Human experience shows very mild irritation.

Serious Eye Damage/Irritation

Animal tests show serious eye irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

At high concentrations severe nose and throat irritation.

Skin Absorption

May be harmful based on animal tests.

Ingestion

Toxic, can cause death depression of the central nervous system, impaired vision and blindness. In some cases, there may be delayed effects on the nervous system. Symptoms may include headache, nausea, vomiting, dizziness, drowsiness and confusion. A severe exposure may cause stomach pain, muscle pain, difficult breathing and coma. Vision can be impaired and permanent blindness can result. There may be other permanent effects on the nervous system e.g. tremor, seizures.

Aspiration Hazard

Not known to be an aspiration hazard.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

If swallowed: liver function tests may show abnormal results.

Respiratory and/or Skin Sensitization

Not known to be a respiratory sensitizer. Not known to be a skin sensitizer.

Chemical Name	IARC	ACGIH®	NTP	OSHA
Methanol	Not Listed	Not designated	Not Listed	Not Listed

May cause cancer based on animal studies.

Reproductive Toxicity

Development of Offspring

Animal studies show effects on the offspring. If inhaled: known to cause: decreased weight, birth defects. Teratogenic (external, soft tissue and skeletal defects) embryotoxic (late resorptions).

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Sexual Function and Fertility

Not known to cause effects on sexual function or fertility.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

Conclusions cannot be drawn from the limited studies available.

Interactive Effects

No information was located.

12. ECOLOGICAL INFORMATION

Toxicity

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Methanol	15400 mg/L (Lepomis macrochirus (bluegill); 96-hour)	10000 mg/L (Daphnia magna (water flea); 48-hour)		

Chronic Aquatic Toxicity

Chemical Name	NOEC Fish	EC50 Fish	NOEC Crustacea	EC50 Crustacea
Methanol	7900 mg/L (Lepomis macrochirus (bluegill); 200-hrs)			

Persistence and degradability: Not designated

Bio accumulative potential: This product and its degradation products are not expected to bioaccumulate.

Mobility in soil: No information was located.

Other adverse effects (such as hazardous to the ozone layer): There is no information available.

13. DISPOSAL CONSIDERATIONS

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

Do not dispose of waste into sewer. Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Proper characterization is recommended. The product is suitable for processing by an approved recycling facility or can be disposed of at an appropriate government waste disposal facility. Compliance with all appropriate Federal, State, and Local regulations should be satisfied at time of disposal. Base Oil Component is expected to be inherently biodegradable. The total mixture may be harmful to aquatic organisms

Recycle containers whenever possible.

Contaminated packaging:

14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1230	METHANOL	3 (6.1)	II
US DOT	1230	METHANOL	3 (6.1)	II

Environmental Hazards

Not applicable
Please note: In containers of 5 L (5Kg) capacity or less this product is classified as a "Consumer Commodity" under DOT regulations.

Special Precautions for User

In containers of 450L or less, this product meets the requirements for exemption under TDG regulation special provisions, part 1, section 1.36b: Class 3, Flammable liquids: Alcohol Exemption.

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

15. REGULATORY INFORMATION

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

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USA

Toxic Substances Control Act (TSCA) Section 8(b) All ingredients are listed on the TSCA Inventory. **Additional USA Regulatory Lists**

California Proposition 65: WARNING: This product contains chemicals known to the State of California to cause birth defects.

16. OTHER INFORMATION, INCLUDING DATE OF REVISION OR LAST PREPARATION

Revision Date: 4-3-2024

References: No data available

Other Info: No data available

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 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.

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