

All Weather Windshield Washer (Rev 10-10-25)

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: All Weather Windshield Washer (Rev 10-10-25)
SDS Number: V410B
Product Code: V410
Revision Date: 10/10/2025
Product Use: All Weather Windshield Cleaner

Supplier Details: Wechem, Inc
 5734 Susitna Dr
 Harahan, LA 70123

Contact: Ligia M. Hernandez
Phone: 504-733-1152
Fax: 504-733-2218
Web: www.wechem.com

Emergency Telephone Number:
 INFOTRAC
 1-800-535-5053

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Liquids, 2
 Health, Serious Eye Damage/Eye Irritation, 2 A
 Health, Reproductive toxicity, 2
 Health, Specific target organ toxicity - Single exposure, 1
 Health, Specific target organ toxicity - Repeated exposure, 1

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H225 - Highly flammable liquid and vapor
 H319 - Causes serious eye irritation
 H361 - Suspected of damaging fertility or the unborn child.
 H370 - Causes damage to organs (organ/exposure)
 H372 - Causes damage to organs (organ) through prolonged or repeated exposure.

GHS Precautionary Statements:

P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
 P233 - Keep container tightly closed.
 P240 - Ground and bond container and receiving equipment.
 P241 - Use explosion-proof [electrical/ventilating/lighting/...] equipment.
 P242 - Use non-sparking tools.
 P243 - Take action to prevent static discharges.
 P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
 P264 - Wash hands thoroughly after handling.
 P270 - Do not eat, drink or smoke when using this product.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308 + P311 - IF exposed or concerned: Call a POISON CENTER/doctor/...
P308 + P313 - IF exposed or concerned: Get medical advice/ attention.
P310 - Immediately call a POISON CENTER or doctor/physician.
P314 - Get medical advice/attention if you feel unwell.
P315 - Get immediate medical advice/attention.
P321 - Specific treatment refer to the label or safety data sheet for further details.
P333 + P313 - If skin irritation or a rash occurs: Get medical advice/attention.
P337 + P313 - If eye irritation persists: Get medical advice/attention.
P370 + P378 - In case of fire: Use CO2, or dry chemical to extinguish.
P403 + P235 - Store in a well ventilated place. Keep cool.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance to local/regional/national/international regulations.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Ingestion, skin absorption, inhalation, eye
Target Organs: May Cause Damage to Organs with repeated exposure.
Inhalation: Overexposure may be irritating to the respiratory system.
Skin Contact: Repeated or prolonged skin contact may cause irritation.
Eye Contact: Serious eye irritation.
Ingestion: Ingestion is likely to be harmful or have adverse effects.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients

CAS#	%	Chemical Name
67-56-1	18-29%	Methanol

4 FIRST AID MEASURES

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists. Symptoms of exposure may include giddiness, intoxication, CNS depression, or coma.

Skin Contact: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with soap and water / shower for at least 15 minutes. 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 persists.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing lifting upper and lower eyelids occasionally. Obtain medical attention if eye irritation persists.

Ingestion: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician. Swallowing methanol is potentially lethal, symptoms of methanol poisoning can be delayed for 24 hours. If swallowed do not delay seek medical attention immediately. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice

5 FIRE FIGHTING MEASURES

Flammability: Flammable
Suitable Extinguishing Media: Use CO2, dry chemical, water spray, aqueous film foaming foam type with 3% or 6% foam proportioning system for extinguishing the fire.

Unsuitable Extinguishing Media: General purpose synthetic foams or protein foams may work, but much less effectively. Water may be effective for cooling but may not be effective for extinguishing the fire because it may not cool methanol below its flashpoint.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Methanol burns with a clean, clear flame that is almost invisible in daylight.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire. Stay Upwind! Burns with a clean flame that is difficult to see in certain conditions. Vapors may travel long distances along the ground and may be ignited from distant sources.

Firefighting Instructions: Isolate and restrict area access. Concentrations greater than 25% methanol in water can be ignited. Use fine water spray to cool adjacent structures of containers. Contain fire control water for later disposal.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Under fire conditions, may produce fumes, smoke, oxides of carbon and hydrocarbons.

Other Information: Refer to Section 9 for flammability properties.

Flash Point: 70-80 F

6	ACCIDENTAL RELEASE MEASURES
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Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray). Flammable liquid – can burn without a visible flame.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE). Do not walk through spilled material. Ventilate if released in a confined area.

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Use an explosion proof pump to remove bulk material. Residual liquid can be absorbed on inert material. Use only Non SPARKING tools.

Reference to Other Sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

7	HANDLING AND STORAGE
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Handling Precautions: Flammable liquid. Do not store or handle at elevated temperatures. Any use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained. Practice good housekeeping - spillage can be slippery on smooth surface either wet or dry.
Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Storage Requirements: Technical Measures: Comply with applicable regulations.
Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Oxidizers and strong acids or bases. Contact with these materials can cause violent or explosive reactions. May react with metallic aluminum or magnesium to generate explosive hydrogen gas.

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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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.

Personal Protective Equipment: Personal Protective Equipment: Protective goggles. Gloves. Insufficient ventilation: wear respiratory protection.

Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear butyl rubber or nitrile rubber protective gloves.

Eye Protection: Face shield or Chemical goggles when splashing may occur. If possible remove contact lenses before handling.

Skin and Body Protection: Wear suitable protective clothing.

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

Environmental Exposure Controls: Do not allow the product to be released into the environment.

Consumer Exposure Controls: Do not eat, drink or smoke during use.

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

OSHA TWA 200 PPM ACGIH TWA 200 PPM

OSHA STEL 250 PPM ACGIH STEL 250 PPM

Methanol cas#:(67-56-1) [18-29%]

Components with workplace control parameters

TWA 200 ppm USA. ACGIH Threshold Limit Values (TLV)

Headache Eye damage Substances for which there is a Biological Exposure Index or Indices (see BEI section) Danger of cutaneous absorption

STEL 250 ppm USA. ACGIH Threshold Limit Values (TLV)

Headache Eye damage Substances for which there is a Biological Exposure Index or Indices (see BEI section) Danger of cutaneous absorption

TWA 200 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
260 mg/m³ 1910.1000

Skin notation

STEL 250 ppm USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
325 mg/m³ 1910.1000

Skin notation

TWA 200 ppm USA. Occupational Exposure Limits (OSHA) - Table Z- 1
260 mg/m³ Limits for Air Contaminants

The value in mg/m³ is approximate.

TWA 200 ppm USA. NIOSH Recommended Exposure Limits
260 mg/m³

Potential for dermal absorption

ST 250 ppm USA. NIOSH Recommended Exposure Limits
325 mg/m³

Potential for dermal absorption

9

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Blue

Explosive Properties : Vapors of this product may form explosive mixtures with air **Explosion Data – Sensitivity to Mechanical Impact :** Explosion hazard due to mechanical impact **Explosion Data – Sensitivity to Static Discharge :** Explosion hazard due to static discharge

Physical State: Liquid

Odor:

Mild alcohol odor

		Solubility:	Complete
Spec Grav./Density:	0.96 +/-0.1		
Boiling Point:	82C / 180F	Flash Point:	70-80 F
		Vapor Density:	(Air=1): > 1
pH:	6.5 +/- 1	VOC:	Not available

10 STABILITY AND REACTIVITY

Reactivity:	Has low vapor pressure – vapors may form explosive mixtures with air!
Chemical Stability:	Stable under recommended handling and storage conditions (see section 7).
Conditions to Avoid:	Contact with heat, sparks, open flame incompatible materials, and other ignition sources.
Materials to Avoid:	Strong acids, strong bases, strong oxidizers.
Hazardous Decomposition:	Primarily oxidizes to carbon dioxide in normal combustion conditions. In lower oxygen environments carbon monoxide, formaldehyde, or formic acid may be formed.
Hazardous Polymerization:	Has low vapor pressure – vapors may form explosive mixtures with air!

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Not classified

Eye Damage/Irritation: Serious Eye Irritation

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Teratogenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Causes Damage to Organs with repeated exposure. Central Nervous System, Eyes. Methanol poisoning produces metabolic acidosis (formic acid) that may damage the liver, kidney, or other organs.

Reproductive Toxicity: Suspected of damaging fertility or the unborn child

Specific Target Organ Toxicity (Single Exposure): Causes Damage to Organs (organ/ exposure)

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Overexposure may be irritating to the respiratory system. Methanol can cause irritation of mucus membranes especially in concentrations that exceed 1000 ppm. Inhalation may be harmful or fatal. Symptoms include headaches, sleepiness, nausea, confusion, loss of consciousness, digestive and visual disturbances and even death.

Symptoms/Injuries After Skin Contact: Repeated or prolonged skin contact may cause irritation. May cause redness, drying, and cracking of the skin.

Symptoms/Injuries After Eye Contact: Direct contact with the eyes is likely irritating. Expected to cause mild to moderate eye irritation of the eye exposed to the liquid or in high vapor concentrations. May cause irritation, burning, or tearing of the eye.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects. Toxic if ingested. Symptoms of methanol poisoning include headaches, sleepiness, nausea, confusion, intoxication, loss of consciousness, digestive and visual disturbances, coma or death. If ingested do not wait for symptoms to seek treatment.

Chronic Symptoms: Not Classified

Methanol cas#:(67-56-1) [18-29%]

Information on toxicological effects

Acute toxicity:

Oral LD50 LDLO Oral - Human - 143 mg/kg Remarks: Lungs, Thorax, or Respiration:Dyspnea. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

LD50 Oral - rat - 1,187 - 2,769 mg/kg

Inhalation LC50 LC50 Inhalation - rat - 4 h - 128.2 mg/l

LC50 Inhalation - rat - 6 h - 87.6 mg/l

Dermal LD50 LD50 Dermal - rabbit - 17,100 mg/kg

Other information on acute toxicity no data available

Skin corrosion/irritation: Skin - rabbit - No skin irritation

Serious eye damage/eye irritation: Eyes - rabbit - No eye irritation

Respiratory or skin sensitisation: Maximisation Test - guinea pig - OECD Test Guideline 406 - Does not cause skin sensitisation.

Germ cell mutagenicity: Genotoxicity in vitro - Ames test - *S. typhimurium* - with and without metabolic activation - negative Genotoxicity in vitro - in vitro assay - fibroblast - negative Mutation in mammalian somatic cells.

Genotoxicity in vivo - mouse - male and female - Intraperitoneal - negative

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: Fertility classification not possible from current data.

Teratogenicity: Damage to fetus not classifiable

Specific target organ toxicity - single exposure (Globally Harmonized System):
Causes damage to organs.

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration hazard: No aspiration toxicity classification

Potential health effects: Inhalation Toxic if inhaled. May cause respiratory tract irritation. Ingestion Toxic if swallowed. Skin Toxic if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: Methyl alcohol may be fatal or cause blindness if swallowed. Effects due to ingestion may include:, Headache, Dizziness, Drowsiness, metabolic acidosis, Coma, Seizures. Symptoms may be delayed., Damage of the:, Liver, Kidney

Synergistic effects: no data available

Additional Information:

RTECS: PC1400000

Ecology - General: Not toxic to aquatic life.

Persistence and Degradability

Not available

Bioaccumulative Potential

Not expected to bioaccumulate

Mobility in Soil

Not available

Other Adverse Effects

Other Information: Avoid release to the environment.

Methanol cas#:(67-56-1) [18-29%]

Information on ecological effects

Toxicity:

Toxicity to fish mortality LC50 - *Lepomis macrochirus* (Bluegill) - 15,400.0 mg/l - 96 h.

NOEC - *Oryzias latipes* - 7,900 mg/l - 200 h

Toxicity to daphnia EC50 - *Daphnia magna* (Water flea) - > 10,000.00 mg/l - 48 h.

and other aquatic invertebrates

Toxicity to algae Growth inhibition EC50 - *Scenedesmus capricornutum* (fresh water algae) - 22,000.0 mg/l - 96 h

Persistence and degradability: Biodegradability aerobic Result: 72 % - rapidly biodegradable

Bioaccumulative potential: Bioaccumulation *Cyprinus carpio* (Carp) - 72 d at 20 °C Bioconcentration factor (BCF): 1.0

Mobility in soil: Will not adsorb on soil.

PBT and vPvB assessment: Results of PBT This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)., This assessment substance is not considered to be very persistent nor very bioaccumulating (vPvB).

Other adverse effects: Biochemical Oxygen 600 - 1,120 mg/g Demand (BOD)

Chemical Oxygen 1,420 mg/g Demand (COD)

Additional ecological Avoid release to the environment. information

Sewage Disposal Recommendations: Do not empty into drains; dispose of this material and its container in a safe way. Do not empty into drains. Do not dispose of waste into sewer.

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

In Accordance with DOT UN No - UN1986 Proper Shipping Name – Alcohols, flammable, toxic, n.o.s. (Methanol solution) UN Class - 3

Packing group – III Marine Pollutant – No Special Provisions – IB2, T7, TP2 Packaging Exceptions – 150 Packaging NON Bulk – 202
 Packaging Bulk - 204 **In Accordance with IMDG** UN No - UN 1986 Proper Shipping Name - Alcohols, flammable, toxic, n.o.s.
 (methanol solution) UN Class 3(6.1) Packing Group III Stowage Cat. "A" (on deck or under deck) **In Accordance with IATA**
 UN No - UN 1986 Proper Shipping Name- Alcohols, flammable, toxic, n.o.s. (methanol solution) UN Class 3(6.1) Packing
 Group - III Passenger Aircraft – less than 60L Cargo Aircraft – less than 220L **In Accordance with TDG** Not regulated for
 transport

15	REGULATORY INFORMATION
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[%] RQ (CAS#) Substance - Reg Codes

[18-29%] RQ(5000LBS), Methanol (67-56-1) CERCLA, GADSL, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

WARNING

This product can expose you to chemicals including 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.

Regulatory Code Legend

 RQ = Reportable Quantity
 CERCLA = Superfund clean up substance
 GADSL = Global Automotive Declarable Substance List (GADSL)
 HAP = Hazardous Air Pollutants
 MASS = MA Massachusetts Hazardous Substances List
 NJHS = NJ Right-to-Know Hazardous Substances
 OSHAWAC = OSHA Workplace Air Contaminants
 PA = PA Right-To-Know List of Hazardous Substances
 SARA313 = SARA 313 Title III Toxic Chemicals
 TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
 TSCA = Toxic Substances Control Act
 TXATP = TX Air Contaminants with Health Effects Screening Level

16	OTHER INFORMATION
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We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

N/A = Not available N/D = Not determined

Revision Date: 10/10/2025

Print Date: 10/13/2025