



Safety Data Sheet

Rev. Date: 03/05/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Clear Vue Windshield Washer Fluid -20°

Washer Fluid
Chemical mixture
Product Code: CV001

Universal Lubricants, LLC
2824 N Ohio Street
Wichita, Kansas 67219
Website: www.universallubes.com

1-800-444-6457 Telephone
1-316-832-3627 Product Information telephone
1-800-424-9300 US, Canada, Puerto Rico, Virgin Isl.- Emergency telephone(CHEMTREC)
+1-703-527-3887 International / Maritime Emergency telephone (CHEMTREC)
1-800-222-1222 American Association of Poison Control Centers

2. HAZARDS IDENTIFICATION

Physical Hazards: Flammable Liquids Category 3

Health Hazards: Acute Toxicity, Oral Category 2
Acute Toxicity, Dermal Category 5
Acute Toxicity, Inhalation Category 3
Eye Damage/Irritation Category 2B
Specific Target Organ Toxicity-Repeated Exposure Category 2

Signal Word: DANGER

Hazard Statement: H226 Flammable liquid and vapor
H300 Fatal if swallowed
H313 May be harmful in contact with skin
H320 Causes eye irritation
H331 Toxic if inhaled

H373 May cause damage to kidneys, liver, digestive tract, optic nerve and possible brain disorders by inhalation and ingestion through prolonged or repeated exposure

GHS Symbol:



Precautionary Statements

General: P102 Keep out of reach of children

Prevention: P210 Keep away from heat/sparks/open flames – No smoking
P233 Keep container tightly closed
P240 Ground/bond container and receiving equipment
P241 Use explosion proof equipment
P242 Use only non-sparking tools
P243 Take precautionary measures against static discharge
P261 Avoid breathing mist/vapors/spray
P264 Wash exposed area thoroughly after handling
P270 Do not eat drink or smoke while using this product
P271 Use only outdoors or in a well-ventilated area
P280 Wear protective gloves/clothing/eye and face protection

Response: P301+P310 If SWALLOWED: Immediately call a POISON CENTER or doctor
P311+P312+P314 Call a POISON CENTER or physician if you feel unwell
P303+P361+P353 IF ON SKIN: Remove 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+P338+P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing
P321 Special treatment: Induce vomiting with water/syrup/Ipecac. Remove victim to fresh air. Swallowing methanol is life threatening
P330 Rinse mouth
P337+P313 If eye irritation persists: Get medical advice/attention
P370+P378 In case of fire: Use dry chemical, alcohol foam or carbon dioxide

Storage: P405 Store locked up
P403+P235 Store in a well ventilated place. Keep cool

Disposal: P501 Dispose of contents/container with compliance to federal, state and local regulations. Contact Universal Lubricants for proper disposal options

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: Windshield washer fluid

Formula: Chemical Mixture

Molecular Weight: Variable

Component	CAS Number	Concentration %
Water		65-70
Methanol	67-56-1	30-35

4. FIRST AID MEASURES

Eyes

If exposure occurs, move individual away into fresh air. Immediately flush eyes with large amounts of fresh water and continue flushing until irritation subsides. Seek medical attention.

Inhalation

If breathing difficulty exists, remove individual away into fresh air. Seek medical attention. Restore or assist breathing, keep warm and quiet.

Skin

Remove contaminated clothing. Wash area repeatedly with soap and water. Do not reuse clothing until thoroughly cleaned and laundered. Seek medical attention for persistent irritation.

Ingestion

Swallowing methanol is life threatening. Contains toxic substance. If swallowed do not wait for symptoms to develop-Seek Medical Attention Immediately. If individual is drowsy or unconscious, do not give anything by mouth, place on the left side with head down and call emergency contacts such as 911, physician, medical facility or poison control center. Ask for advice for inducing vomiting by water, syrup of Ipecac. Small amounts drink plenty of water or milk to dilute.

Special Treatment

Swallowing methanol is life threatening. Induce vomiting with water/syrup/Ipecac. Remove individual to fresh air.

5. FIREFIGHTING MEASURES

Suitable extinguishing media

Use dry chemical, alcohol resistant foam, carbon dioxide.

Specific hazards from combustion

Carbon monoxide, carbon dioxide, aldehydes, hydrocarbons, oxides of sulfur, nitrogen, phosphorus and other oxides may be products of combustion.

Special protective equipment for fire-fighters

Wear full firefighting turn-out gear (full bunker gear), and respiratory protection (SCBA). DO NOT enter fire area without proper protection. Flames may be lighter than water and float on the surface. Vapors are ignited by sparks, flames and other sources from a distance due to vapor traveling and may cause a flash back due to vapors heavier than air.

NFPA Flammable and Combustible Liquids Classification

Flammable Liquid

6. ACCIDENTAL RELEASE MEASURES

Personal precautions and Protective equipment

Personal Protection, see section 8. Any individual not wearing protective equipment should not enter spill or contaminated area until all clean-up has been completed.

Emergency procedures

For personal emergency procedures see section 4. For fire emergency procedures see section 5. Contain spilled liquid if possible without posing any risk or personal injury.

Environmental precautions

Prevent spreading over a wide area. Contain spill immediately. Contact appropriate authorities of spill. Do not allow spill to enter sewer system, drains of any kind, surface water or water courses. Avoid flushing to such areas as well.

Methods and materials for containment and cleaning up

Soak up or absorb with appropriate inert materials such as, sand, clay, silica gel, acid binder, universal binder, sawdust, paper fiber etc. Large spills may be transferred by using explosion proof pumps, and non-sparking tools and placed into drums or any other approved and suitable containers. Containers must be sealed before transportation.

7. HANDLING AND STORAGE

Precautions for safe handling

This product is not classified as a Flammable Liquid under DOT regulations. See NFPA 30 and OSHA 1910.106 flammable and combustible liquids. Use spark proof tools and explosion proof transfer equipment.

Conditions for safe storage

Store in only approved and marked containers. Store in a cool, dry ventilated area. Keep containers closed when not in use and during transportation. Keep containers away from flame or other ignition sources. Keep in properly labeled containers as color can be confusing with human consumption drinks. Keep out of reach of children and pets. Fatal if swallowed.

Incompatibilities

Heat, sparks, flame and oxidizing materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA Final: (TWA), (STEL) Methanol #67-56-1

OSHA TWA: 200 ppm or 260 mg/m³, OSHA STEL: 250 ppm or 325 mg/m³

American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TWA), (STEL) Methanol #67-56-1

ACGIH TWA: 200 ppm ACGIH STEL: 250 ppm

Respiratory protection

If poor or insufficient ventilation, exhaust equipment or controls are normally required when handling or using this material, if not provided then respiratory protection will be required to prevent overexposure. Contact your safety department or supplier in determining the type of respiratory to use.

Hand protection

For prolonged or repeated exposures hand protection is required. Wear resistant gloves suitable for the product, contact your safety department or supplier to determine the proper hand protection. Butyl or nitrile rubber gloves are suggested.

Eye protection

Not required under normal conditions of use. If material is handled such that it could be splashed or misted into eyes, wear plastic face shield or splash resistant safety goggles or glasses with side shields.

Skin and body protection

For prolonged or repeated exposures, use impervious clothing (boots, gloves, aprons, bibs, etc.) over parts of the body subject to exposure. Launder soiled clothes, do not reuse contaminated clothing. Properly dispose of contaminated clothing or articles that cannot be laundered such as leather gloves, boots, etc. If skin irritation develops, contact your facility safety department or safety supplier to determine the proper protective equipment for your use.

Hygiene measures

Do not use contaminated clothing, launder clothing before reuse. Wash contaminated areas of the body which may have been exposed with soap and water. Wash thoroughly before handling food and beverages. Food and beverage consumption should be avoided in work areas where methanol washer fluid is present.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, blue

Physical state: Liquid

Odor: Slight mild alcohol odor

Specific gravity (H₂O=1): 0.95

Melting point/freezing point: -26°C, -15°F

Initial boiling point and boiling range: 82°C, 180°F

Flash point (C.O.C): 34.4°C, (94°F)

Upper/lower flammability or explosive limits: No data available

Vapor pressure: 42 mmHg @ 20°C

Solubility in water: 100%

Percent volatile by volume: 33

Vapor density: Heavier than air

Evaporation rate: Not determined

10. STABILITY AND REACTIVITY

Reactivity: May react strongly with oxidizing agents

Chemical stability: Stable under normal temperatures and pressures

Possibility of hazardous reactions: Product will not undergo hazardous polymerization

Conditions to avoid: Heat, open flames, sparks, ignition sources, oxidizing materials

Incompatible materials: May react strong with oxidizing agents, acids, halogens

Hazardous decomposition products: Carbon monoxide, carbon dioxide and water

11. TOXICOLOGICAL INFORMATION

Acute absorption toxicity: can be absorbed through the skin and cause similar symptoms of Inhalation and ingestion.

Acute inhalation toxicity: Mist and poor ventilation may cause nose and throat irritation.

Acute ingestion toxicity: Fatal if swallowed. Large amounts will cause organ failure.

12. ECOLOGICAL INFORMATION

Biodegradability: Easily biodegrades in water and soil.

Bioaccumulation: No data available

Toxicity to fish: Fresh: Acute LD50 = 63 g/l (96h), salt: no data

Toxicity to invertebrates: Fresh: Acute LD50 = 120 g/l (48h), 33 g/l (24h), salt: no data

Toxicity to algae: No data available

Toxicity to bacteria: No data available

13. DISPOSAL CONSIDERATIONS

Waste Disposal methods

All disposals must comply with federal, state and local regulations. Spilled or discarded material may be a regulated waste. Refer to state and local regulations. If other material was used during cleanup efforts the resultant mixture may be regulated. Department of Transportation regulations may apply for transporting of this material. Contact Universal Lubricants regarding proper recycling and disposal methods. Empty containers may contain residue and flammable vapors. Do Not weld, cut, or grind empty containers as explosion may occur. Rinse containers thoroughly with water and Do Not reuse for human consumption products.

14. TRANSPORT INFORMATION

UN number:	UN 1993
UN proper shipping name:	Flammable Liquid
Transport hazard class:	3
Packing group:	PG III
Environmental hazards:	Flammable Liquid
U.S. DOT Road/Rail/Waterways:	Flammable Liquid
Transport Canada Road/Rail/Waterways:	Flammable Liquid
International Maritime Dangerous Goods:	Flammable Liquid

15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Federal Regulatory Status

Notification Status

EINECS All components listed

DSL All components listed

TSCA All components listed

SARA Section (313)

This product contains methanol (CAS#67-56-1). See 40 CFR 372

SARA Hazard Categories (311/312)

Class: Acute: yes Chronic: yes Fire: yes Reactivity: no

Canadian WHMIS: Class B2, D1B, D2A, D2B

State Regulatory Status

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

NFPA Hazard Classification

Health: 1
Flammability: 3
Reactivity: 0



HMIS Classification

Health: 1
Flammability: 3
Physical Hazards: 0
Personal Protection: 0

HEALTH	1
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

16. OTHER INFORMATION

The information accumulated herein is believed to be accurate. However, neither Universal Lubricants, LLC nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information provided herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.