

SAFETY DATA SHEET

Windshield Washer Fluid

Revision Date: 29-08-2022

Section 1. Identification

Product Identifier

Product Name	Windshield Washer Fluid
Common Name	Distilled Vinegar / Water Mixture / Glass Cleaner
Product Code(s)	ANWWF3402/00

Recommended or Restricted Uses

Recommended Use	Solvent
Restricted Use	Not Applicable
Supplier	M-127, Guru Harkishan Nagar, Paschim Vihar, New Delhi INDIA Tel: (011) 45530927

Section 2. Hazard Identification

Hazard Classification

WHMIS Regulatory Status	Non Hazardous Product
Physical Hazards	Non Flammable Liquid
Health Hazards	None
Environmental Hazards	Not Classified

Label Elements

Symbol	
Signal Word	Non Dangerous
Hazard Statements	Non Flammable liquid Causes eye irritation on direct contact.
Precautionary Statements	Do not handle until all safety precautions have been read and understood Do not eat or drink when using this product wash skin thoroughly after handling Wear personal protective equipment (PPE) as identified in Section 8.
Other Hazards	Not Applicable

Section 3. Composition / Information on Ingredients

Product: Mixture

Chemical Name	White Vinegar	H ₂ O
Common Name	Distilled Vinegar	Water
CAS No	8028-52-2	7732-18-5
Concentration	5% - 15%	85 - 95%

Section 4. First Aid Measures

Route of Exposure

Inhalation:	Move affected person to fresh air and keep warm and at rest. Loosen tight clothing such as collar, tie or belt. If breathing becomes difficult, properly trained personnel can assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing continues.
Skin Contact:	Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist seek medical attention. Wash contaminated clothing before re-use.
Eye Contact:	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes. If symptoms persist or there is visual difficulty seeks medical attention.
Ingestion:	Seek medical attention immediately. Do not give anything by mouth. Do not induce vomiting. If individual is drowsy or unconscious place on the left side with head down. Do not leave individual unattended.

Most Important Systems and Effects

Inhalation:	May Cause: Coughing, Chest Tightness, Light Headedness
Skin Contact:	May Cause: Temporary Skin Irritation
Eye Contact:	May Cause: Irritation or Redness in Eyes, Loss of Vision
Ingestion:	May Cause: Loss of consciousness, abdominal pain, Blindness, Death

Immediate Medical Attention and Special Treatment

Note for the Doctor	Treat Symptomatically
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Section 5. Fire-Fighting Measures

Extinguishing Media

Suitable Extinguishing Media	Extinguish with foam, carbon dioxide, dry chemical or water fog.
Unsuitable Extinguishing Media	Not Applicable.

Specific Hazards Arising from the Hazardous Product

Specific hazards	Not Applicable
Hazardous combustion	None

Advice for Firefighters

Protective actions during firefighting	Avoid breathing gases or vapors. Evacuate the area. Ventilate closed spaces before entering them.
Special protective equipment for firefighters	Not Applicable.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions	Keep unnecessary and unprotected personnel away from spillage. Wear protective clothing as described in Section 8. Follow safe handling as described in Section 7. Eliminate all ignition sources. Vapour is heavier than air.
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Methods and Material for Containment and Cleaning Up

Methods for cleaning up	Collect spillage with non-combustible, absorbent material. For small spillages: wipe up with an absorbent cloth. Avoid discharge into drains or watercourses or onto the ground. For large spillages: Contain the spilled material, removed and dispose of contaminated material with a licensed waste disposal site.
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Methods for containment Prevent spreading over a wide area with containment or barriers. Do not let product enter drains. If environmental pollution occurs (sewers, waterways, soil or air) inform the relevant authorities.

Section 7. Handling and Storage

Precautions for Safe Handling

Usage precautions Wear PPE as described in Section 8. Static ignition hazard can result from handling and use. Ground all containers and equipment before transfer or use of material as per National Fire Protection Association document NFPA 77. Special precautions may be necessary to dissipate static electricity for non-conductive containers.

Conditions for Safe Storage, Including any Incompatibilities

Storage Precautions Keep storage area well ventilated. Store away from incompatible materials listed in Section 10. Store in accordance with local regulations. Containers of this material may be hazardous when emptied due to product residue. All hazard precautions must be observed with empty containers.

Section 8. Exposure Controls / Personal Protection

Control Parameters

Occupational Exposure Limits 200 ppm (260 mg/m³)

Appropriate Engineering Controls

Engineering controls Provide exhaust ventilation or other engineering controls to keep concentration of vapour below the recommended exposure limits. An eye wash station and safety shower should be located near the work station.

Individual Protection Measures

General All personal protective equipment (PPE) should comply with Indian Regulations.

Eye/Face protection Recommended: Safety glasses equipped with side shields. Where splash hazards exist use a face shield as well. Have suitable eye wash water available.

Hand protection Recommended: Heavy Nitrile or Neoprene gloves if frequent or prolonged exposure is expected.

Body protection Recommended: Avoid prolonged / repeated skin contact. If splashing or spraying is expected chemical-resistant clothing should be worn.

Respiratory protection Respiratory protection is not anticipated under normal use. If elevated airborne concentrations are anticipated, a NIOSH approved organic vapour respirator equipped with a dust prefilter should be used.

Section 9. Physical and Chemical Properties

Physical Properties

Physical State Liquid

Colour Blue

Odour Lemon

Odour threshold Not Applicable

Chemical Properties

Vapour pressure 169.316 hPa @ 25°C

Vapour density Not Available

Relative density Not Available

Solubility Soluble in water

Partition coefficient:
n-octanol/water Not Available

Decomposition temperature Not Available

Viscosity Not Available

Section 10. Stability and Reactivity

Reactivity	Not Available
Stability	Stable
Possibility of hazardous reactions	No reactions under normal conditions and use
Conditions to avoid	Not Applicable
Incompatible Materials	Aluminum, lead, sodium, strong acids, strong oxidizing agents, zinc, peroxides
Hazardous decomposition products	Not Available

Section 11. Toxicological Information

Routes of Exposure	Ingestion, Inhalation, Skin/Eye Contact
<u>Symptoms</u>	
Physical	Skin/Eye contact may cause irritation or redness with short term exposure Ingestion may cause discomfort
Chemical	No Available Data
Toxicological	No Available Data
<u>Exposure Effects</u>	
Delayed Effects	No Available Data
Chronic Effects	Prolonged / repeated exposure is toxic to lungs, digestive system, skin, and eyes

Section 12. Ecological Information

No Available Data.

Section 13. Disposal Considerations

Follow local regulations for hazardous waste disposal.

Section 14. Transport Information

Bulk shipments
DOT proper shipping name: Distilled Vinegar
UN Number: UN2789
Label Requirement: Non Flammable

Section 15. Regulatory Information

Not Available.

Section 16. Other Information

SDS Revision Date:	29/08/2022
SDS Number(s)	3402/100
Quantity	100 mL
Disclaimer:	The information contained herein is accurate to the best of our knowledge.