

# VISION PLUS

## WINDSHIELD WASHER FLUID CONCENTRATE



### SAFETY DATA SHEET

Emergency Contact Number: 1-800-424-9300 (Chemtrec)

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product/Chemical Name:** Vision Plus Windshield Washer Fluid  
**Product Description:** Methanol based windshield washer fluid  
**Chemical Family:** Methanol with less than 1% proprietary blue dye  
**CAS Registry:** No. 67-56-1 (Methanol)  
**Manufacturer:** Products Plus Inc 5225 North 23rd Ozark, MO 65721  
Ph: 877-581-3755 info@ppicoolant.com

## SECTION 2 - HEALTH HAZARD DATA

### Emergency and

**First Aid Procedures:**

<b>Eye contact:</b>	Remove contact lenses if worn. Flush with water for at least 15 minutes and seek medical attention.
<b>Skin contact:</b>	Remove contaminated clothing. In a shower, wash affected skin areas with soap and water for at least 15 minutes. If irritation develops or persists, seek medical attention. Wash clothing before reuse.
<b>Inhalation:</b>	Remove to fresh air. Provide respiratory support if needed. Seek medical attention.
<b>Ingestion:</b>	DO NOT Induce vomiting.

**SEEK MEDICAL ATTENTION IMMEDIATELY!**

### Note to Physicians:

Acute exposure to Methanol, either through ingestion or prolonged breathing of airborne concentrations can result in symptoms appearing between 40 minutes and 72 hours after exposure. Symptoms and signs are usually limited to CNS, eyes and gastrointestinal tract. Because of the initial CNS's effects of headache, vertigo, lethargy and confusion, there may be an impression of Ethanol intoxication. Blurred vision, decreased acuity and photophobia are common complaints. Treatment with Ipecac or lavage is indicated in any patient presenting within two hours of ingestion. A profound metabolic Acidosis occurs in severe poisoning and serum bicarbonate levels are a more accurate measure of severity than serum Methanol levels. Treatment protocols are available from most major hospitals and early collaboration with appropriate Hospitals is recommended.

## SECTION 3 - HAZARDOUS INGREDIENTS

Methanol (Methyl Alcohol)	No less than 99% by weight
C.A.S # 67-56-1	OSHA PEL & ACGIH TLV-TWA: 200 PPM, STEL: 250 ppm.
LD50 5628 mg/kg (oral rat). LC50 64000 ppm (inhalation rat). TLV Basis, critical effects, neuropathy, vision, central nervous system	LD50 20 ml/kg (dermal rabbit).

NOTE: Exposure Limits for Methanol given.  
Potential contribution to overall exposure possible via skin absorption.

## SECTION 4 - SPECIAL PROTECTION AND PRECAUTION

### POISON - DANGER

MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED. COMBUSTIBLE-VAPOR HARMFUL. CONTAINS METHANOL ( METHYL ALCOHOL). CANNOT BE MADE NON-TOXIC. Keep containers tightly closed. Use and store this product with adequate ventilation. Avoid inhalation of vapors, personal contact with the product and use near flame or heat.

## SECTION 5 - TRANSPORTATION INFORMATION

Class 3, UN 1230, P.G. II (RQ 5000 lbs/2270 kg)

Limited quantity  $\leq$  1 liter

**Consumer commodity**, ORM-D

Per 49 CFR 173.150 (b) (3) & 173.50 (c)

### Regulatory Data:

RCRA Hazardous Waste (40 CFR 261.33): Hazardous Waste No. U154

CERCLA Hazardous Substance (40 CFR 302.4): Not Listed

SARA Extremely Hazardous Substance (40 CFR 355): Not listed

SARA Toxic Chemical (40 CFR 372.65): Not Listed

## SECTION 6 -SPILL OR LEAK PROCEDURES

Place leaking containers in a well-ventilated area. Avoid eye and skin contact. Wear personal protective equipment as necessary. If fire potential exists, blanket spill with foam or use water spray to disperse vapors. To clean up spill, flush area sparingly with water or use an absorbent. Contain spill to minimize contaminated area and facilitate salvage or disposal. Keep spill out of sewers and open bodies of water. Dispose of product in accordance with local, state and federal regulations.

## SECTION 7 -REACTIVITY DATA

**Chemical Stability:** Stable

**Conditions to Avoid:** Heat, sparks, flame, and static electricity.

**Incompatible Materials:** Oxidizing agents such as bleach, sulfuric acid, hydrogen peroxide

**Decomposition Products:** Carbon Monoxide, carbon dioxide, formaldehyde

**Hazardous Polymerization:** Will not occur.

## SECTION 8 -FIRE AND EXPOLOSION DATA

**Flammable Limits:** UEL – 36% for Methanol LEL – 6% for Methanol

**Extinguishing Media:** Use **NFPA Class 1B Extinguisher** - alcohol foam, dry chemical, carbon dioxide, and water spray to contain fire.

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and complete personal protective equipment when potential for exposure to vapors and products of combustion exists. Water spray can be used to reduce intensity of flames and to dilute spills to nonflammable mixture. Vapor is heavier than air and can travel considerable distance to a source of ignition and flash back. Methanol can burn with little or no visible flame.

## SECTION 9 - PHYSICAL DATA

**Boiling Point** (Deg F): 178

**Specific Gravity @ 60 F:** 0.792

**Solubility in Water:** 100%

**Flash Point: Deg, F;** 11 C/52 F (TCC)

**Appearance and Odor:** clear, medium blue liquid, slight alcohol-like odor.



**PRODUCTS PLUS**  
I N C O R P O R A T E D

ANTIFREEZE | WINDSHIELD WASH | HEAT TRANSFER FLUIDS

Products Plus Inc.  
5225 N 23rd  
Ozark, MO 65721  
417-581-3755  
[info@ppicoolant.com](mailto:info@ppicoolant.com)