

# MATERIAL SAFETY DATA SHEET

Prepared According to 29 CFR 1910, 1200

N/A (Not Applicable) N/E (Not Established)

## SECTION I - PRODUCT IDENTIFICATION

**PRODUCT NAME:** See  
**GENERIC NAME:** Windshield Washer Antifreeze  
**CHEMICAL FAMILY:** Liquid Mixture  
**PROPER SHIPPING NAME:** Flammable Liquid,  
N.O.S., 3 (Methanol) UN1993, PGII

## HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH \_\_\_\_\_ 3  
FLAMMABILITY \_\_\_\_\_ 3  
REACTIVITY \_\_\_\_\_ 0  
PERSONAL PROTECTION \_\_\_\_\_ C

## HAZARD RATING

4 = EXTREME  
3 = HIGH  
2 = MODERATE  
1 = SLIGHT  
0 = INSIGNIFICANT

## SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS#	TLV	% WT (OPT)
*Methanol	67-56-1	200ppm	<5%

\*Notification of this chemical is required by SARA Title 313 Section 313. You may be required to report this chemical accordingly.

## SECTION III - PHYSICAL DATA

### PHYSICAL DESCRIPTION:

Clear aqua liquid  
**BOILING RANGE (°F):** 148-212°F  
**VAPOR PRESSURE:** N/E  
**% VOLATILE:** 100%  
**SOLUBILITY IN WATER:** Complete  
**SPECIFIC GRAVITY:** .80  
**EVAPORATION RATE:** N/E  
**pH:**

## SECTION V - REACTIVITY DATA

**STABILITY:** Stable  
**INCOMPATIBILITY (Materials to Avoid):** Oxidizing agents, peroxides, strong acids

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide

**HAZARDOUS POLYMERIZATION:**  
Will not occur

## SECTION IV - SPECIAL PROTECTIVE EQUIPMENT

**RESPIRATORY PROTECTION:** NIOSH/MSHA approved when needed  
**PROTECTIVE GLOVES:** Impervious  
**EYE PROTECTION:** Safety glasses or goggles  
**VENTILATION:** Room ventilation is generally adequate.  
**OTHER PROTECTIVE EQUIPMENT:** Sufficient to prevent skin contact. Eyewash and shower located near the work area.

## SECTION VI - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT (METHOD USED):** 54°F COC  
**UPPER EXPLOSIVE LIMIT:** N/E **LOWER EXPLOSIVE LIMIT:** N/E  
**EXTINGUISHING MEDIA:** Foam, CO<sub>2</sub>, or dry chemical  
**SPECIAL FIRE FIGHTING PROCEDURES:** Self contained breathing apparatus and full protective clothing should be worn when fighting fires involving chemicals.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Vapor is heavier than air and can travel to source of ignition and flash back

## SECTION VII - FIRST AID

**EYES:** Flush with water for at least 15 minutes, be sure to keep eyelids opened. Get immediate medical attention if irritation persists.

**SKIN:** Wash with plenty of soap and water. Wash contaminated clothing before wearing. Get medical attention if irritation persists.

**INGESTION:** Give milk or water to dilute. DO NOT INDUCE VOMITING. Get immediate medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

**INHALATION:** Remove victim to fresh air. If person is having difficulty in breathing, perform artificial respiration and get immediate medical attention.

## SECTION VIII - HEALTH HAZARDS

### EFFECTS OF OVEREXPOSURE (Primary Route of Entry)

**SKIN:** Irritant, drying of skin  
**EYES:** Irritant, burning  
**INHALATION:** Headache, nausea, dizziness  
**INGESTION:** Blindness, death, depression  
**CARCINOGENS:** None suspected

## SECTION IX - STORAGE AND HANDLING

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Extremely flammable. Store in a cool, well-ventilated area. Keep away from flame and sparks. Use proper grounding procedures when transferring. Use common sense and sound industrial hygiene practices when handling this material as well as any other materials. Keep container closed when not in use. Wash hands after handling. Keep out of reach of children. Wear appropriate personal protection to avoid eye and skin contact.

Manufactured By: WARSAW CHEMICAL CO., INC.  
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Warsaw, IN 46581

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INFOTRAC 24-Hour Emergency No. 1-800-535-5053

## SECTION X - SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Remove all ignition sources. Wear necessary personal protective equipment. Evacuate all unnecessary personnel. Dike area to prevent spreading of the spilled material. Cover with an inert absorbent (sand, clay, etc.), shovel into appropriate containers, and dispose of in accordance with federal, state, and local regulations.  
**EMPTY CONTAINERS DISPOSAL:** Any disposal practices must be in compliance with federal, state and local laws. Any questions regarding disposal should be directed to the proper government agency.

07/19/00