

SAFETY DATA SHEET



Date Issued : 03/06/2001
MSDS No : 290500
Date-Revised : 05/13/2015
Revision No : 4

Washer Solvent Pre-Mixed

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Washer Solvent Pre-Mixed
PRODUCT DESCRIPTION: Washer Solvent Pre-Mixed
PRODUCT CODE: 290500
PRODUCT FORMULATION NAME: Washer Solvent Pre-Mixed
CHEMICAL FAMILY: Alcohol, Water, Surfactant, Organic Dye
MOLECULAR FORMULA: Mixture
GENERIC NAME: Premixed windshield washer solvent
ACTIVE INGREDIENT(S): Methanol; Water; Non-ionic Surfactant; Water Soluble Blue Dye

MANUFACTURER

Americhem Sales Company LLC
340 North Street
Mason, MI 48854

Emergency Contact: CHEMTREC or CANUTEC

Product Stewardship: 517-676-9363

Transportation: 517-676-9363

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (U.S.): (800) 424-9300

CANUTEC (613) 996-6666

COMMENTS: To the best of our knowledge, this Safety Data Sheet conforms to the requirements of US OSHA 29 CFR 1910.1200, 91/155/EEC and Canadian Hazardous Products Act.

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Acute Toxicity (Dermal), Category 3
 Acute Toxicity (Inhalation), Category 3
 Acute Toxicity (Oral), Category 3
 Target Organ Toxicity (Single exposure), Category 1

Physical:

Flammable Liquids, Category 2

GHS LABEL



Flammable
Liquid



Health
hazard



Skull and
crossbones

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H224: Extremely flammable liquid and vapour.
 H370: Causes damage to organs (or state all organs affected, if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
 H301: Toxic if swallowed.
 H331: Toxic if inhaled.
 H311: Toxic in contact with skin.

Precautionary statement(s)

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Prevention:

- P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
- P273: Avoid release to the environment.
- P270: Do not eat, drink or smoke when using this product.
- P262: Do not get in eyes, on skin, or on clothing.
- P240: Ground and bond container and receiving equipment.
- P241: Use explosion-proof [electrical/ventilating/lighting/...] equipment.
- P242: Use non-sparking tools.
- P271: Use only outdoors or in a well-ventilated area.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P264: Wash ... thoroughly after handling.

Response:

- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P304+P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.
- P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
- P312: Call a POISON CENTER/doctor/...if you feel unwell.

Storage:

- P403+P233: Store in a well-ventilated place. Keep container tightly closed.

Disposal:

- P501: Dispose of contents/container to ...

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: DANGER! Harmful or fatal if swallowed. Causes eye irritation. Prolonged or repeated breathing of aerosol or vapors is harmful.

POTENTIAL HEALTH EFFECTS

EYES: Severe irritation and discomfort. Reversible and/or irreversible corneal damage may occur.

SKIN: Severe irritation and discomfort. Defatting of skin, chemical dermatitis, and other toxic systemic effects from skin absorption are possible.

INGESTION: Gastrointestinal tract irritation. Can be fatal if ingested. (10ml or >)

INHALATION: Dizziness, impaired coordination, headaches and loss of consciousness. Severe respiratory tract irritation. Toxic systemic effects are possible.

ROUTES OF ENTRY: Absorption, Inhalation, Ingestion

TARGET ORGAN STATEMENT: CNS system (optic nerve), Respiratory and Reproductive system.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | Wt.% | CAS |
|------------------------|-----------|-----------|
| Methanol | ~ 30 - 55 | 67-56-1 |
| Water | ~ 45 - 70 | 7732-18-5 |
| Non-ionic Surfactant | < 0.1 | |
| Water Soluble Blue Dye | < 0.1 | |

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4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for 15 minutes. If irritation persists, seek medical attention.

SKIN: Wash exposed area with mild soap and water. Get medical attention if irritation develops or persists.

INGESTION: Do not induce vomiting, only if victim is conscious. Get immediate medical attention.

INHALATION: Remove victim from area of exposure. If unconscious, give oxygen. Give artificial respiration if not breathing. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Treat as an OSHA Class IB Flammable liquid

EXTINGUISHING MEDIA: Foam, Dry Chemical, Carbon Dioxide, Water Fog

EXPLOSION HAZARDS: Vapor accumulations may flash and/or explode if ignited. Keep ignition sources, open flames, ect., away from these fumes.

FIRE FIGHTING PROCEDURES: Proper respiratory equipment to protect against the hazardous effects of combustion products is recommended. Water in a straight hose stream may cause fire to spread and should be used as a cooling medium only.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Extinguish all ignition sources and ventilate area. Evacuate all non-essential personnel. Blanket spill with alcohol resistant foam to limit evaporation. Dike area to contain spill and clean up by absorbing on inert absorbent or by other means. Liquid may be flammable even when mixed with water unless heavily diluted (>5:1). Do not flush into sewers or natural waterways. Notify appropriate authorities of spill. Contain spill immediately. Do not allow spill to enter sewers or watercourses. Remove all sources of ignition. Provide adequate ventilation during clean-up. Large spills may be picked up using vacuum pumps, shovels, buckets or other means and placed in drums or other suitable containers.

LARGE SPILL: Contain material as described above and call the local fire or police department for immediate emergency assistance.

7. HANDLING AND STORAGE

HANDLING: Use appropriate personal protective equipment as specified in Section 8. Handle in a well ventilated area. When transferring this product, there is potential for the accumulation of static electricity. Consideration should be given to bonding and grounding of equipment during loading, unloading, and transfer of this product.

STORAGE: Store unopened containers under cool, dry and ventilated conditions. Keep away from heat, sparks and flame.

SHELF LIFE: THE SHELF LIFE OF THIS PRODUCT IS UNDETERMINED, BUT MAY BECOME SUSPECT ONE YEAR FROM THE DATE OF PURCHASE.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE GUIDELINES

| OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200) | | | | |
|---|--------------|------|------------------------|--------------------------------------|
| EXPOSURE LIMITS | | | | |
| Chemical Name | Type | | ppm | mg/m ³ |
| Methanol | OSHA PEL | TWA | 200 ppm ^[1] | 260 mg/m ³ ^[1] |
| | | STEL | ppm | mg/m ³ |
| | ACGIH TLV | TWA | 200 ppm | 262 mg/m ³ |
| | | STEL | 250 ppm | 328 mg/m ³ |
| | Supplier OEL | TWA | NL | NL |
| | | STEL | NL | NL |

OSHA TABLE COMMENTS:
 1. S = Skin

ENGINEERING CONTROLS: If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure guidelines, additional ventilation or exhaust systems may be required. Where explosive mixtures may be present, electrical systems safe for such locations must be used.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields or goggles when handling this material.

SKIN: To prevent any contact, wear impervious protective clothing such as nitrile or butyl rubber gloves, apron, boots or whole bodysuit, as appropriate.

RESPIRATORY: Use NIOSH/MSHA approved respirators when vapors or mist concentrations exceed permissible exposure limits.

PROTECTIVE CLOTHING: Chemical resistant boots, apron, etc. as necessary to prevent contamination of clothing and skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

| Chemical Name | Flash Point (°C) | Solubility in Water | Specific Gravity |
|---------------|------------------|---------------------|------------------|
| Methanol | 12.2 TCC | complete | 0.792 |

PHYSICAL STATE: Liquid

ODOR: Mild alcohol odor

APPEARANCE: Clear

COLOR: Blue

PERCENT VOLATILE: 100

FLASHPOINT AND METHOD: (78°F) TAG CC

FLAMMABLE LIMITS: 6.0 to 36.5

VAPOR PRESSURE: 46 mmHg at 20°C

VAPOR DENSITY: > 1 (Air=1)

BOILING POINT: ~ (174°F)

FREEZING POINT: ~ (-66°F)

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SOLUBILITY IN WATER: Complete

EVAPORATION RATE: Not Available

SPECIFIC GRAVITY: 0.93 (water=1) at (68°F)

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur

STABILITY: Stable

CONDITIONS TO AVOID: Exposure to excessive heat, open flames and sparks. Avoid conditions that favor the formation of excessive mists and/or fumes.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon when burned.

INCOMPATIBLE MATERIALS: Strong Acids, Alkalies, Oxidizers. Avoid contact with Aluminum, Zinc, or other reactive metals.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

| Chemical Name | ORAL LD ₅₀ (rat) | DERMAL LD ₅₀ (rabbit) | INHALATION LC ₅₀ (rat) |
|---------------|-----------------------------|----------------------------------|-----------------------------------|
| Methanol | 13000 mg/kg (RAT) | 20000 mg/kg(RABBIT) | 1000 ppm (MONKEY) |

CARCINOGENICITY

| Chemical Name | NTP Status | IARC Status |
|---------------|------------|-------------|
| Methanol | not listed | not listed |

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: KEEP OUT OF SURFACE WATERS, SEWERS, AND WATERWAYS ENTERING OR LEADING TO SURFACE WATERS. NOTIFY AUTHORITIES IF ANY EXPOSURE TO THE GENERAL PUBLIC OR ENVIRONMENT OCCURS OR IS LIKELY TO OCCUR.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Conditions of use may cause this material to become a hazardous waste as defined by state or federal law. Use approved treatment, transporters and disposal sites. Dispose of waste at an appropriate waste disposal facility according to current applicable laws and regulations.

EMPTY CONTAINER: Keep containers closed when not in use. Do not reuse empty containers.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Methanol Solution

PRIMARY HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: UN 1230

PACKING GROUP: III

15. REGULATORY INFORMATION

UNITED STATES

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SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: Methyl Alcohol (67-56-1) - 40 to 50% Wt.

EPCRA SECTION 313 SUPPLIER NOTIFICATION

| Chemical Name | Wt.% | CAS |
|---------------|-----------|---------|
| Methanol | ~ 30 - 55 | 67-56-1 |

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

| Chemical Name | Wt.% | CERCLA RQ |
|---------------|-----------|------------|
| Methanol | ~ 30 - 55 | 5,000 lbs. |

CERCLA RQ: 5000 lbs.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

| Chemical Name | CAS |
|---------------|-----------|
| Methanol | 67-56-1 |
| Water | 7732-18-5 |

TSCA REGULATORY: This material or its components are listed in the TSCA inventory.

CALIFORNIA PROPOSITION 65

| Chemical Name | Wt.% | Listed |
|---------------|-----------|------------------------|
| Methanol | ~ 30 - 55 | Developmental Toxicity |

16. OTHER INFORMATION

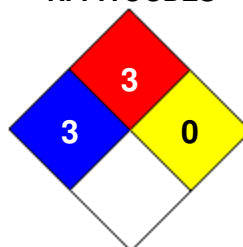
Date-Revised: 05/13/2015

REVISION SUMMARY: This MSDS replaces the 11/01/2007 MSDS. Revised: **Section 2: POTENTIAL HEALTH EFFECTS - SKIN.**

HMIS RATING

| | | |
|---------------------|---|---|
| HEALTH | * | 3 |
| FLAMMABILITY | | 3 |
| PHYSICAL HAZARD | | 0 |
| PERSONAL PROTECTION | | G |

NFPA CODES



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