

## SAFETY DATA SHEET



Date issued : 10/18/2022  
SDS number : 290501

## Washer Solvent Pre-mixed 50%

## 1. Identification

**Product code:** 290501  
**Product identifier:** Washer Solvent Pre-mixed 50%  
**Active ingredient(s):** Methanol; Water; Water Soluble Blue Dye

**Manufacturer / Supplier**

Americhem Sales Company LLC  
340 North Street  
Mason, MI 48854  
**Emergency contact:** CHEMTREC or CANUTEC  
**Customer Service:** 517-676-9363  
**Transportation:** 517-676-9363

**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. Hazard identification

**Classification of the substance or mixture****Health hazards:**

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

**Physical hazards:**

Flammable Liquids, Category 2

**Label elements**

Flammable  
Liquid



Health  
hazard



Skull and  
crossbones

**Signal word:** DANGER

**Hazard statement(s)**

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)****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.

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- 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**

**Eye:** 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	% w/w	CAS No.
Methanol	~ 50 - 55	67-56-1
Water	~ 50 - 55	7732-18-5
Water Soluble Blue Dye	< 0.1	

**4. First-aid measures**

**Eye:** 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**

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**Flammable class:** Treat as an OSHA Class IB Flammable liquid

**Suitable 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

**Precautions for safe 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.

**Conditions for safe 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

## Exposure controls

Control parameters				
Occupational exposure limit values				
Chemical name	Type		ppm	mg/m <sup>3</sup>
Methanol	OSHA PEL	TWA	200 ppm <sup>[1]</sup>	260 mg/m <sup>3</sup> <sup>[1]</sup>
		STEL	ppm	mg/m <sup>3</sup>
	ACGIH TLV	TWA	200 ppm	262 mg/m <sup>3</sup>
		STEL	250 ppm	328 mg/m <sup>3</sup>
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

**Footnotes:**  
1. S = Skin

**Appropriate 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.

**Individual protection measures, such as personal protective equipment**

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**Eye / face protection:** Wear safety glasses with side shields or goggles when handling this material.

**Skin protection - hand protection:** To prevent any contact, wear impervious protective clothing such as nitrile or butyl rubber gloves, apron, boots or whole bodysuit, as appropriate.

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

**Skin protection - other:** 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)	Boiling Point (°C)	Solubility in Water	Specific Gravity
Methanol	12.2 TCC	65	complete	0.792

**Physical state:** Liquid

**Appearance:** Clear

**Color:** Blue

**Odor:** Mild alcohol odor

**Freezing point:** ~ (-66°F)

**Initial boiling point and boiling range:** ~ (174°F)

**Flash point:** (78°F) TAG CC

**Evaporation rate (n-butyl acetate = 1):** Not Available

**Lower explosion limit / flammability limit:** 6.0

**Upper explosion limit / flammability limit:** 36.5

**Vapor pressure:** 46 mmHg at 20°C

**Relative vapor density:** > 1 (Air=1)

**Relative density:** 0.93 (water=1) at (68°F)

**Solubility:** Complete

**Percent volatiles:** 100

## 10. Stability and reactivity

**Dangerous polymerization:** Will not occur

**Chemical 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	LD <sub>50</sub> (oral) mg/kg(rat)	LD <sub>50</sub> (dermal) mg/kg(rabbit)	LC <sub>50</sub> (inhalation) mg/l
Methanol	13000 mg/kg (RAT)	20000 mg/kg(RABBIT)	1000 ppm (MONKEY)

## Carcinogenicity

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Chemical name	NTP	IARC
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 methods:** 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

## USA Department of Transport Regulations (DOT)

**UN proper shipping name:** Methanol Solution

**UN number:** UN 1230

**Transport hazard class(es):** 3

**Packing group, if applicable:** III

## 15. Regulatory information

## UNITED STATES

## SARA Section 311/312 Hazard Categories

**313 reportable ingredients:** Methyl Alcohol (67-56-1) - 40 to 50% Wt.

## EPCRA Section 313 Toxic Chemicals

Chemical name	% w/w	CAS No.
Methanol	~ 50 - 55	67-56-1

## CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical name	% w/w	CERCLA rq
Methanol	~ 50 - 55	5,000 lbs.

**CERCLA rq:** 5000 lbs.

## TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
Methanol	67-56-1
Water	7732-18-5

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

## California Proposition 65

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Chemical name	% w/w	Listed
Methanol	~ 50 - 55	• Developmental Toxicity

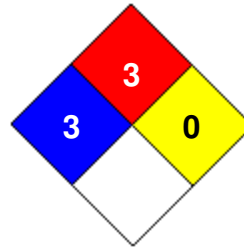
## 16. Other information

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## HMIS rating

Health	*	3
Flammability		3
Physical hazard		0
Personal protection	G	

## NFPA codes



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