



Hawk Solutions
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Safety Data Sheet

Section 1: Product and Company Information

Product Identifier

Product Name:

Windshield Washer Solvent

Product Number:

24 Hour Emergency Phone Numbers:

Section 2: Hazards Identification

GHS Classification	Flammable liquids; Category 3 Acute Toxicity, Oral Category 5 Acute Toxicity, Inhalation Category 5 Acute Toxicity, Dermal Category 5 Specific Target Organ Toxicity (following single exposure), Category 1
GHS Label Elements	
Signal Word:	DANGER
Symbols:	
Hazard Statements:	Flammable liquid and vapor. May be harmful if swallowed. May be harmful if inhaled. May cause skin irritation. Causes damage to organs- liver, kidneys, central nervous system and optic nerve.

Appearance: Clear, Colorless

Physical State: Liquid

Odor: Alcohol

Precautionary Statements – Prevention	Do not breathe mist. Wear protective gloves, clothing, eye protection and face protection. Take off contaminated clothing and wash before reuse. Store away from heat and ignition sources. Keep away from oxidizing materials and strong acids.
Precautionary Statements – Response	If on skin: Wash with soap and water. Get medical attention if irritation develops. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention. If swallowed: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities are swallowed call physician immediately. Loosen tight clothing such as collar, tie, belt, waistband.

Precautionary Statements – Disposal	In accordance with all local, regional, federal regulations.
Hazards not otherwise classified (HNOC) Other information Unknown Acute Toxicity	Product is stable.

Section 3: Composition / Information on Ingredients

Chemical Name	CAS No.	Weight-%	Trade Secret
Methanol	67-56-1	32-35	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4: First Aid Measures

General Advice:	
Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
Skin Contact:	Take off immediately all contaminated clothing. Wash before reuse. Rinse skin with water.
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a Poison Center or doctor/physician if you feel unwell.
Ingestion:	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as collar, tie, belt or waistband.
Self-protection for first aider:	
Note to physicians:	Exposure may aggravate acute or chronic asthma, emphysema and bronchitis.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media:	Dry chemical, CO2, water spray, fog, foam. Do not use water jet.
Hazardous Combustion Products:	Carbon oxides.
Specific Hazards Arising from Chemical:	Vapors may travel back to combustion source. Closed containers exposed to heat may explode.
Protective equipment and precautions for fire-fighters:	Self-contained breathing apparatus and full protective clothing must be worn.

Section 6: Accidental Release Measures

Personal Precautions:	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them.
Spill Clean-Up:	Eliminate all ignition sources. Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles away from spilled material. This product is miscible in water. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth/fleece). Clean surface thoroughly to remove residual contamination.

Section 7: Handling and Storage

Advice on Safe Handling:	Do not breathe mist/vapors or spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Wear appropriate protective clothing and eye and face protection.
Storage Conditions:	Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials.
Incompatible Materials:	Acids. Strong Oxidizing agents.

Section 8: Exposure Controls

<u>Product Name</u>	<u>Exposure Limits</u>
Methanol	OSHA TWA: 200 ppm/260 mg/m ³
	ACGIH PEL: 400 ppm STEL: 250 ppm TWA: 200 ppm

Personal Protective Equipment	
Eye/Face Protection:	Chemical safety goggles.
Skin and Body Protection:	Wear appropriate chemical resistant gloves. Wear suitable protective clothing including boots, lab coat or apron to protect skin.
Respiratory Protection:	Not required under normal circumstances.
General Hygiene Considerations:	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9: Physical and Chemical Properties

Physical State:	Liquid	Color:	Blue
pH:	8.0	Odor:	Alcohol
Boiling Point:	87°C	Vapor Pressure: MM HG/20 DEG, C:	128 kPa at 20°C
Specific Gravity:	.949	Evaporation Rate: (Butyl Acetate = 1)	2.1
Solubility:	Soluble	Flammability:	Yes

Section 10: Stability and Reactivity

Chemical Stability and Reactivity	Stable and non-reactive under normal conditions.
Possible Hazardous Reactions	No dangerous reactions known under normal conditions.
Conditions to Avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible Materials	Acids. Strong oxidizing agents. Magnesium.
Hazardous Decomposition Products	Carbon oxides.

Section 11: Toxicological Information

Acute Toxicity				
Product/Ingredient Name	Result	Species	Dose	Exposure
Methanol	LD50, Oral LD 50, Dermal LC50, Inhalation	Rat Rat Rabbit	7300 mg/kg 15800 mg/kg 87.5 mg/l	6 hr

Information on likely routes of exposure	
Product Information	
Inhalation:	Visual disturbances such as blurred or dimness of vision, leading to blindness. Motor disfunction may also result.
Eye Contact:	Irritating to the eyes.
Skin Contact:	Possible mild dermatitis.
Ingestion:	Expected to be a low ingestion hazard.

Section 12: Ecological Information

Environmental Effects:	
General Notes:	When released into the soil this material is expected to biodegrade. When released into the air this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals.

Section 13: Disposal Considerations

Waste Information:

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Section 14: Transport Information

Regulatory Information	UN Number	Proper Shipping Name	Classes	PG*	Label
DOT Classification	UN1230	Methanol	3	II	

NOTE: DOT Classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG*: Packaging Group

Section 15: Regulatory Information

CERCLA	Methanol (CAS 67-56-1) - Listed
OSHA Specifically regulated substances	Listed as Hazardous

Section 16: Other Information

	Health Hazards	Flammability	Physical Hazards	Personal Protection
NFPA	1	3	0	

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Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in text.