MONTGOMERY MANUFACTURING COMPANY
The Right Cleaner, Exactly Right!

Safety Datasheet

Section 1—Chemical Product and Company Identification

Product Identifier: Windshield Washer Solvent

Product Use: Windshield washer

Manufacturer: Montgomery Manufacturing Co., 118 Industrial Drive, Kennedale, Texas 76060, tel 817-478-3221.

Emergency Contact: InfoTrac, +1 352-323-3500 (international), 800-535-5053 (toll free US and Canada).

Section 2—Hazards Identification

Physical Hazards: Flammable Liquid: 3
Health Hazards: Not Classified as Hazardous
Environmental Hazards: Acute Aquatic Toxicity: 3

Signal Word: WARNING

Symbols:

Hazard Statements: Flammable liquid and vapor.

Precautionary Statements: Keep away from heat, sparks, open flames, hot surfaces. No smoking. Keep container tightly closed. Ground or bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves, eye protection, face protection. Avoid release to the environment.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
In case of fire: Use water, dry chemical, foam or CO_2 to extinguish.
Store in a well-ventilated place. Keep cool.
Dispose of contents and container in accordance with local, regional, national, and international regulations.

Other Hazards: None found.

Unknown Ingredients: N/D

Section 3—Information on Ingredients

Ingredient Name	Ingredient Percentage	Ingredient CAS No
Methanol	10-30	67-56-1
Ammonium Hydroxide Solution	0.1-1	7664-41-7
Product as a Whole	100	N/D

Section 4—First Aid Measures

Skin contact: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

Eye contact: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Ingestion: If swallowed: Rinse mouth. DO NOT induce vomiting. Call a doctor if you feel unwell.

Inhalation: If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.

Most important symptoms/effects, acute and delayed: If exposed: Call a poison center/doctor.

Indication of immediate medical attention/special treatment: N/D

Section 5—Fire-Fighting Measures

Suitable extinguishing media: Use media suitable to surrounding fire.

Specific hazard arising from chemicals: None known

Special equipment and precautions: Normal protective clothing. Self contained breathing apparatus should be provided to firefighters in confined spaces.

Section 6—Accidental Release Measures

Personal precaution, protective equipment, emergency procedures: Avoid contact with eyes. Do not ingest. Rinse skin thoroughly after handling. Wear Personal Protective Equipment (refer to section 8).

Methods and material for containment and clean up: Avoid release to the environment. Stop discharge and contain material. Substantial quantities may be recovered with a vacuum pump. Use explosion proof equipment if flammable or combustible. Otherwise, use appropriate absorbent. Place contaminated material in container suitable for disposal. Use appropriate protective equipment. Be sure there is adequate ventilation. Do not flush to streams or other bodies of water. Contact appropriate environmental agencies if further guidance is required.

Section 7—Handling and Storage

Precautions for safe handling: Avoid contact with eyes. Do not ingest.

Cautions for safe storage: Store locked up. Store in a well-ventilated place. Keep cool.

Incompatibilities: Avoid exposure to heat, sparks, flame, or strong oxidizing agents.

Section 8—Exposure controls/personal protection

Exposure Limits: Methanol: OSHA PEL (200 ppm) ACGIH TVL (200 ppm)

Specific Engineering: Not established.

Individual protective equipment and measures: Respiratory Protection: None in typical conditions. Mechanical: Where mists are generated. Protective Gloves: Rubber or neoprene gloves for prolonged contact. Eye protection: Chemical goggles. Other Protective Clothing: Standard work clothing. Wash contaminated articles before reuse.

Section 9—Physical and Chemical Properties

Physical State: Liquid	Flammability (solid, gas): Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur.
Color: Blue	Vapor Pressure (mmHg): N/D
Odor: Alcohol odor	Vapor Density (air= 1): N/D
Odor Threshold: N/D	Relative Density: N/D
pH: N/D	Solubilities: In water: complete
Melting point/freezing Point: N/D	Partition Coefficient: N/D
Initial Boiling Point and Boiling Range: N/D	Auto-Ignition Temperature: N/D
Flash Point: Methanol: 54 °F. Method: closed cup.	Decomposition Temperature: N/D
Evaporation Rate: N/D	Viscosity: N/D
Upper/Lower Flammability or Explosive limits: N/D	

Section 10—Stability and Reactivity:

Chemical Stability: Stable	Condition to Avoid: Heat, flame, sparks.
Reactivity: No specific reactivity test data available for this mixture.	Possibility of Hazardous Reaction: Hazardous Polymerization: N/D
Incompatible Materials: Strong oxidizing agents	Hazardous Decomposition Products: Oxides of carbon during incomplete combustion.

Section 11—Toxicological information:

Information on the likely routes of exposure: Skin contact, eye contact, inhalation, ingestion.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LD50
Methanol	5,628 mg/kg	N/D	N/D
Ammonium Hydroxide Solution	350 mg/kg	N/D	N/D
Product as a Whole	17,779 mg/kg	N/D	N/D

Important symptoms: Refer to Section 4—First Aid Measures.

Effects of Acute Exposure: Eyes: contact with liquid or high vapor concentration may cause moderate irritation. Skin: Excessive contact with liquid may cause moderate irritation. Skin absorption may contribute to overall exposure. Oral: May cause headache, dizziness, weakness, euphoria, drowsiness, shortness of breath, vomiting, incoordination, blindness, death. Inhalation: Excessive inhalation of vapors can cause respiratory tract irritation, nausea, shortness of breath, and headache.

Effects of Chronic Exposure: Repeated excessive skin contact with liquid may cause defatting, cracking, and dermatitis. Persons with pre-existing skin disorders may be more susceptible.

Carcinogenicity: IARC, ACGIH, NTP, OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA respectively.

Other Data: Medical Conditions Aggravated by Exposure: None known.

Section 12—Ecological Information:

Ecotoxicity: Harmful to aquatic life with long lasting effects
Ammonium hydroxide: Ecotoxicity in water (LC50): 0.1 ppm 24 hours [Rainbow trout]. 8.2mg/l 96 hours

[Fathead minnow]. 0.1 ppm 48 hours
[Bluegill]. Harmful to aquatic life in very low concentrations. May be dangerous if it enters water intakes. Notify local health and wildlife officials. Do not contaminate any body of water by direct application, cleaning of equipment or disposal.

Persistence and degradability: N/D	Bioaccumulative Potential: N/D
Mobility in Soil: N/D	Other Adverse Effects: N/D

Section 13—Disposal Considerations

Waste Treatment Method: Avoid release to the environment. Collect spillage. DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device. Waste water treatment system.

Section 14—Transport Information

UN number: UN 1993	UN proper shipping name: Flammable liquids, n.o.s., (contains methanol, isopropanol), 3, III
Transport hazard class(es) : 3	Packing group if applicable: III
Environmental hazards:	Special precautions:
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):	

Section 15—Regulatory information

No information found.

Section 16—Other Information

Key to Abbreviations:
no info not determined, no information found
N/D not determined, no information found

Date SDS Prepared: July 1, 2015

Suggested NFPA rating: H=2, F=2, I=0, S=None.

Suggested HMIS rating: H=2, F=2, P=0, PPE=N/D. (NPCA recommends that PPE codes be determined by the employer, who is most familiar with the actual conditions under which chemicals are used at the work location.)

This information is prepared according to 29 CFR 1910.1200 and is based on typical working conditions, use of product according to label directions, and the works of others. It may not be accurate. Actual use conditions are beyond our control. Employers should make their own studies to determine the suitability of the information for their purposes. Users assume all risks of use, handling, and disposal of the product, or of publishing, use, or reliance upon, this information. We assume no liability for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.