Safety Data Sheet
WINDSHIELD WASHER FLUID CONCENTRATE

SECTION I - IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Number</th>
<th>CC WC 05/55</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>WINDSHIELD WASHER FLUID CONCENTRATE</td>
</tr>
<tr>
<td>Chemical Family</td>
<td>Alcohols</td>
</tr>
<tr>
<td>CAS Number</td>
<td>67-56-1</td>
</tr>
<tr>
<td>Date Prepared</td>
<td>5/28/2015</td>
</tr>
<tr>
<td>Revision Number</td>
<td>10/29/2015</td>
</tr>
<tr>
<td>Recommended Use</td>
<td>Windshield Washer Fluid</td>
</tr>
</tbody>
</table>

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification
- Flammable Liquids: Category 2
- Acute Toxicity, Oral: Category 3
- Acute Toxicity, Dermal: Category 3
- Acute Toxicity, Inhalation: Category 3
- Specific target organ toxicity, single exposure: Category 1

DANGER!

GHS LABEL:

Hazard Statements
- H225 Highly flammable gas and vapor
- H301 Toxic if swallowed
- H311 Toxic in contact with skin
- H331 Toxic if inhaled
- H370 Causes damage to organs
Precautionary Statements

P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical, ventilating, lighting equipment, etc.

P242 Use only non-sparking tools.

P243 Take precautionary measures to prevent static discharge.

P260 Do not breathe dust, fumes, gas, mist, vapors or spray.

P261 Avoid breathing dust, fumes, gas, mist, vapors or spray.

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves, protective clothing, eye protection and face protection. Goggles, gloves, face mask/shield and/or a separate approved breathing apparatus if required.

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P302+352 IF ON SKIN: Wash with plenty of running water and soap until all is removed.

P303+311+353 IF ON SKIN (or hair): Immediately remove all contaminated clothing. Rinse skin or hair with water or shower.

P304+340 IF INHALED: Remove victim to fresh air and keep comfortable for breathing.

P308+311 IF exposed or concerned: Call POISON CENTER/doctor/physician

P311 Call a POISON CENTER or a doctor/physician.

P312 Call a POISON CENTER or a doctor/physician if you feel unwell.

P321 Specific treatment: refer to section four, first aid or see a physician.

P330 Rinse mouth if accidently swallowed.

P362+364 Immediately remove all contaminated clothing and wash them before reuse.

P370+378 In case of fire: Use alcohol resistant foam or CO2 to extinguish.

P403+233 Store in a well ventilated place. Keep container tightly closed.

P403+235 Store in a well ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents and/or container according to state, local and federal laws.
**SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS**

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS #</th>
<th>Component%</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methanol</td>
<td>67-56-1</td>
<td>90-100</td>
<td>200 ppm(Skin)</td>
<td>200 ppm(Skin)</td>
</tr>
</tbody>
</table>

**SECTION IV - FIRST AID MEASURES**

**Contact with eyes:** Flush eyes with running water for ten minutes. Remove contact lenses. If irritation persists, seek medical attention.

**Skin contact:**
If on skin rinse well with clean water and soap. If on clothing remove the contaminated clothing immediately. Wash clothing before reuse. Seek medical attention/advice if needed.

**Inhalation:**
Remove victim to fresh air. If breathing difficulty seek medical attention. Administer oxygen or artificial respiration if breathing is affected or stopped. Loosen any tight clothing.

**Ingestion:**
If swallowed. Do not induce vomiting unless instructed to do so by a poison control center. Rinse mouth. Seek immediate medical attention by calling 911 and seeing a physician.
Call poison control and seek immediate medical attention.

**SECTION V - FIREFIGHTING MEASURES**

**Suitable Extinguishing Media:** Water fog, foam, CO2, dry chemical.

**Special Fire Fighting Procedures:** Use self-contained breathing apparatus and full bunker gear in fire areas. Evacuate all unprotected personnel from area.

**Unusual Fire Fighting Hazards:** Do not use water jet.

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Keep all sources of ignition and hot metal surfaces away from spill or release.
Evacuate all unprotected personnel from the area.

**Environmental Precautions:** Prevent liquid from entering drains, sewers or waterways.
Notify proper authorities. Reportable Quantity is 5,000 pounds or 758 gallons.
Contain spill if it can be done with minimal risk.

**Methods for Cleaning Up:** Use foam on spills to minimize vapors.
Using only non-sparking tools and explosion proof equipment, collect spill on absorbent material and put into approved container.
Handling and Storage:
- NFPA Class I storage.
- Vent container carefully before opening.
- Bond and ground all equipment when transferring from one vessel to another. The use of explosion-proof equipment is recommended.
- "Empty" containers retain residue and/or vapor and may be dangerous. Do not cut, weld, braze solder, drill, grind or expose such containers to heat, flames, sparks, or other ignition sources.
- Keep containers tightly closed when not in use.
- Avoid prolonged breathing of mist or vapor. Wash thoroughly after handling.

EXPOSURE LIMITS:

<table>
<thead>
<tr>
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<th>ACGIH TLV</th>
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<tr>
<td>Methanol</td>
<td>67-56-1</td>
<td>200 ppm(Skin)</td>
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</tr>
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</table>

Engineering Controls: Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV. Showers, eye wash stations.

Monitoring: Follow accepted work practices for handling a flammable material. Do not eat, drink or smoke in areas where this chemical is used or stored. Have eye wash stations and safety showers readily available.

Personal Protective Equipment (PPE)

Eye Protection: Goggles or approved OSHA device with side shields.

Skin Protection: Impervious solvent resistant gloves. Impervious apron and work boots recommend where splashing may occur.

Respiratory Protection: Use the proper respirator in areas where the chemical exposure is unknown or above the OSHA PEL or ACGIH TLV.
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Blue Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Alcohol Odor</td>
</tr>
<tr>
<td>pH@25°C</td>
<td>-ND</td>
</tr>
<tr>
<td>Melting/Freezing Point</td>
<td>-ND</td>
</tr>
<tr>
<td>Flashpoint</td>
<td>54°F (11°C); TCC</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.7793</td>
</tr>
<tr>
<td>Solubility</td>
<td>Miscible</td>
</tr>
<tr>
<td>Auto-Ignition Temperature</td>
<td>-ND</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>-ND</td>
</tr>
<tr>
<td>VOC Content</td>
<td>-ND</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>-ND</td>
</tr>
<tr>
<td>Boiling Range</td>
<td>148°F</td>
</tr>
<tr>
<td>Evaporation Point</td>
<td>2.0 (Butyl Acetate=1)</td>
</tr>
<tr>
<td>Flammable Limits - Upper</td>
<td>36.5%</td>
</tr>
<tr>
<td>Flammable Limits - Lower</td>
<td>5.5%</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>96 mmHg @ 20°C</td>
</tr>
<tr>
<td>Vapor Density (Air=1)</td>
<td>1.11 (Air=1)</td>
</tr>
<tr>
<td>Viscosity</td>
<td>-ND</td>
</tr>
</tbody>
</table>

**SECTION X - STABILITY AND REACTIVITY**

**Stability:**
Stable

**Conditions to Avoid:**
Extreme heat and ignition sources.  
Strong oxidizing agents

**Hazardous Decomposition/Byproducts:**
CO, CO2, and noxious smoke under extreme fire conditions

**Hazardous Polymerization:**
Will not occur.

**Polymerization Conditions to Avoid:**
None

**Incompatibilities:**
Strong acids and bases, strong oxidizers
Likely Route of Exposure: Contact and inhalation; ingestion possible.

Inhalation: Low to moderate degree of toxicity by inhalation. May cause respiratory tract irritation. Inhalation of vapors may cause drowsiness and dizziness.

Eye Contact: Causes eye irritation including stinging, watering and redness which may result in corneal injury.

Skin Contact: Contact may cause mild stinging and irritation including redness, burning and drying/cracking of the skin. Repeated or prolonged contact with large amounts of this material may result in absorption through the skin to produce toxic effects.

Ingestion: Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia and edema. Moderate to high degree of toxicity by ingestion. May be harmful or fatal if swallowed.

Acute Toxicity Value: See Health Hazards below.

Chronic (Long Term) Effects: See Health Hazards above.

Toxicity:

<table>
<thead>
<tr>
<th>Component Name</th>
<th>LD50</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methanol</td>
<td>Oral - Human - 143 mg/kg; Oral - rat - 1,187 - 2,769 mg/kg; Inhalation - rat - 4 h - 128.2 mg/l; Inhalation - rat - 6 h - 87.6 mg/l</td>
<td></td>
</tr>
</tbody>
</table>

Reproductive Effects Not Applicable

Teratogenicity Not Applicable

Mutagenicity Not Applicable

Embryotoxicity Not Applicable

Sensitization to Product Not Applicable

Synergistic Products Not Applicable

Carcinogenicity Not Listed as a Carcinogen

Ecotoxicity: Information not available.
Mobility: Information not available.

Degradability: Information not available.

BioAccumulation: Information not available.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS
Follow Federal, state, and local regulations.

SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Methanol
Contains: Methanol
Hazard Class and Label: 3
Identification Number: UN 1230
Packaging Group: II
Other Shipping Info:

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:...................... The components of this product are listed on the TSCA Inventory

SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:
No chemicals in this material are subject to the reporting requirements.

SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

<table>
<thead>
<tr>
<th>Acute</th>
<th>Chronic</th>
<th>Fire</th>
<th>Pressure</th>
<th>Reactive</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS #</th>
<th>% by wt.</th>
</tr>
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<tbody>
<tr>
<td>Methanol</td>
<td>67-56-1</td>
<td>90-100</td>
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CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS #</th>
<th>% by wt.</th>
<th>RQ (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methanol</td>
<td>67-56-1</td>
<td>90-100</td>
<td>5,000</td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65:
This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**SECTION XVI - OTHER INFORMATION**

HMIS Health: ............... 2  
HMIS Flammability: ...... 3  
HMIS Reactivity: .......... 0  

Additional:

**Specification Information**

Department issuing data sheet:  
Email address: carchem2005@yahoo.com  
Training necessary:  

**Disclaimer:**

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