



## SAFETY DATA SHEET

PRODUCT NAME: AMERIGUARD WINDSHIELD SOLVENT

Revision Date: 15 April 2015

### SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1. Product Identifier

Product Name: Ameriguard Windshield Solvent

Product Code: CHM-W/WSOLVENT

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Windshield Wash Solvent  
Recommended AZ, CA, TX, Atlanta Area  
Restrictions:

#### 1.3. Details of the supplier of the safety data sheet:

Manufacturer: **SAPP BROS., INC.**  
9915 S. 148<sup>th</sup> Street  
Omaha, Nebraska 68138 USA

#### 1.4. Emergency Telephone Numbers:

Emergency Phone: (800) 424-9300 (202) 483-7616 (CHEMTREC)  
Poison Control Center: (800) 222-1222  
Information Phone: (800) 233-4059 (402) 895-2202  
MSDS Internet Address: <http://www.sappbros.net>

### SECTION 2: Hazards Identification

Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category I  
Flammable Liquid Category 3

#### 2.2. Label Elements GHS Hazard Symbols



#### Signal Word

#### Hazard Statements

#### Precautionary Statements Prevention

#### Response

#### Danger

H226-Flammable Liquid and Vapor.  
H370-Causes damage to organs.

P210-Keep away from heat/sparks/open flames/hot surfaces. –No smoking  
P233 – Keep container tightly closed.  
P240 – Ground/bond container and receiving equipment.  
P241 – Use explosion-proof electrical/ventilating/lighting/.../equipment.  
P242- Use only non-sparking tools.  
P243 – Take precautionary measures against static discharge.  
P260 – Do not breathe dust/fume/gas/mist/vapors/spray.  
P264 – Wash Exposed areas thoroughly after handling.  
P270- Do not eat, drink or smoke when using this product  
P280 – Wear protective gloves/protective clothing/eye protection/face protection.  
P303+P361+P353- If on skin (or hair): Remove/Take off immediately all contaminated clothing.  
Rinse with water/shower.

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**Storage** P307+P311 – If exposed: Call a POISON CENTER or doctor/physician.  
P321 – Specific treatment (see section 4).  
P370+P378 – In case of fire: Use...to extinguish.  
P233 – Keep container tightly closed.  
P403+P235 – Store In a well-ventilated place. Keep cool.  
**Disposal** P405 – Store Locked up.  
P501- Dispose of contents/container in accordance with local/regional/national/international regulations.

## 2.3. Other Hazards

**Hazards Not Otherwise Classified:**

No data available.

Unknown acute toxicity (GHS-US)

Unknown Acute Toxicity

Gas

61.197286% of the mixture consists of ingredients(s) of unknown toxicity.

## SECTION 3: Composition/Information on Ingredients

Chemical Name	%	CAS#	GHS Classifications
Methanol	15-40	17-56-1	Acute Tox. 3:H311 Acute Tox. 3:H301 Acute Tox. 3; H331 Flam. Liq. 2; H225 STOT SE 1; H370

Components not listed are not physical or health hazards as defined in 29 CFR 1910.1200 (hazard Communication Standard.)

## SECTION 4: First Aid Measures

### 4.1 Description of First Aid Measures

#### Inhalation

Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately.

#### Eyes

Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.

#### Skin Contact

Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.

#### Ingestion

Seek medical attention immediately or call the Poison Control Center. Do not induce Vomiting. If patient is fully conscious, give up to two glasses of water. Provide medical Care provider with this SDS.

### 4.2. Most Important symptoms and effects, both acute and delayed

#### Symptoms

Vomiting, Nausea, Headache, Dizziness, Drowsiness, Coughing, Mental confusion, Systemic effects similar to those resulting from ingestion, Temporary or permanent blindness, Muscle pains, Impaired vision

### 4.3. Indication of any immediate medical attention and special treatment needed

#### Note to Doctor

No additional first aid information available.

## SECTION 5: Firefighting Measures

### 5.1. Extinguishing media

#### Suitable and Unsuitable

#### Extinguishing Media:

Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water may be ineffective but water spray can be used to extinguish a fire if swept across the base of the flames. Water can absorb heat and keep exposed material from being Damaged by fire.

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## 5.2. Special hazards arising from the substance or mixture

### Fire and/or Explosion

#### Hazards

Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flashpoint giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back.

## 5.3. Advice for firefighters

### Fire Fighting Methods and Protection

Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential for hazardous vapors and decomposition products. Flammable component(s) of this material may be lighter than water and burn while floating on the surface.

### Hazardous Combustion Products.

Carbon Monoxide, Formaldehyde.

## SECTION 6: Accidental Release Measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General Measures: Exposure to the spilled material may be severely irritating or toxic. Follow personal protective equipment recommendations found in Section 8 of this SDS. Personal protective equipment needs must be evaluated based on the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits.

Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.

### 6.2. Environmental precautions

Avoid runoff into storm sewers and ditches that lead to waterways.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Dispose of according to Federal, State, Local, or Provincial regulations. Used fluid should be disposed of at a recycling center.

Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

### 6.4. Reference to other sections

Follow all protective equipment recommendations provided in Section 8.

## SECTION 7: Handling and Storage

### 7.1. Precautions for safe handling

Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well-ventilated area.

Empty containers may retain product residues/ vapors. Use proper bonding and grounding during bulk product transfer.

Use spark-proof tools and explosion-proof equipment

### 7.2. Conditions for safe storage, including any incompatibilities

Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Do not expose to extreme temperatures or flames.

Incompatible materials

See Section 10.

### 7.3. Specific end use(s)

Windshield Wash

## SECTION 8: Exposure Controls/Personal Protection

### 8.1. Control Parameters

#### Chemical Name

#### Occupational Exposure Limits

#### Value

Methyl alcohol

OSHA PEL

200 ppm; 260/mg/m<sup>3</sup> TWA

Methyl alcohol

OSHA STEL

250 ppm; 325 mg/m<sup>3</sup> STEL

Methanol

ACGIH TLV-TWA

200 ppm TWA

Methanol

ACGIH STEL

250 ppm STEL

Methyl alcohol

IDLH

6000 ppm IDLH

None.

OSHA PEL- Skin Notation

Methyl alcohol

OSHA STEL- Skin Notation

Potential for dermal absorption

Methanol

ACGIH TLV- Skin Designation

Skin-potential significant

Contribution to overall exposure

By the cutaneous route.

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## 8.2. Exposure Controls

<b>Engineering Measures</b>	Use local exhaust ventilation or other engineering controls to minimize exposures and maintain Operator comfort.
<b>Respiratory Protection</b>	respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms.
<b>Respirator Types</b>	None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.
<b>Eye Protection</b>	where chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses. An eye wash station must be available where this product is used.
<b>Skin Protection</b>	Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water Before eating drinking, and when leaving work.
<b>Gloves</b>	Butyl rubber, Polyethylene, Polyvinylalcohol.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

<b>Physical State</b>	Liquid
<b>Color</b>	Blue
<b>Odor</b>	Moderate
<b>Odor Threshold</b>	Not Determined
<b>pH</b>	Not Determined
<b>Freezing Point</b>	Not Determined
<b>Boiling Point</b>	Not Determined
<b>Flash Point</b>	36
<b>Flash Point Method</b>	PMCC
<b>Evaporation Rate</b>	2-10 (n-Butyl acetate=1)
<b>Upper Flammable/Explosive Limit, % in air</b>	36.5 (air=1)
<b>Lower Flammable/Explosive Limit, % in air</b>	6(air=1)
<b>Flammability (solid gas)</b>	Not Applicable
<b>Vapor Pressure</b>	Not Determined
<b>Vapor Density</b>	Not Determined
<b>Relative Density</b>	0.82
<b>Solubility in Water</b>	Complete; 100%
<b>Octanol/Water Partition Coefficient</b>	Not Determined
<b>Autoignition Temperature</b>	Not Determined
<b>Decomposition Temperature</b>	Not Determined
<b>9.2. Other Information</b>	
<b>Volatiles, % by Weight</b>	0.000000

## SECTION 10: Stability and Reactivity

<b>10.1. Reactivity</b>	No Data Available
<b>10.2. Chemical stability</b>	Stable under normal conditions
<b>10.3. Possibility of Hazardous Reactions</b>	Hazardous polymerization will not occur
<b>10.4. Conditions to Avoid</b>	Sparks, open flame, other ignition sources, and elevated temperatures. Visible light
<b>10.5. Incompatible material</b>	Strong oxidizing agents
<b>10.6. Hazardous Decomposition products</b>	Carbon monoxide, Formaldehyde

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## SECTION 11: Toxicological Information

### 11.1. Information on Toxicological Effects

<b>Ingestion Toxicity</b>	No hazard in normal industrial use. Estimated to be > 5.0 g/kg.
<b>Skin Contact</b>	This material is likely to be moderately irritating to skin based on animal data. Can cause skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
<b>Absorption</b>	Estimated to be > 5.0 g/kg; practically non-toxic
<b>Inhalation Toxicity</b>	No hazard in normal industrial use. Likely to be practically non-toxic based on animal data.
<b>Eye Contact</b>	The material is likely to be moderately irritating to eyes based on animal data. Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.
<b>Sensitization</b>	Non-hazardous under Respiratory Sensitization category. No data available to indicate Product or components may be a skin sensitizer.
<b>Mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
<b>Carcinogenicity</b>	Not a carcinogen according to NTP, IARC, or OSHA.
<b>Reproductive and Developmental Toxicity</b>	No data available to indicate product or any components present a greater than 0.1% may cause birth defects.
<b>Specific Target Organ Toxicity-Single Exposure</b>	H370-Causes damage to organs.
<b>Specific Target Organ Toxicity-Repeated Exposure</b>	Non-hazardous under Specific Target Organ Systemic Toxicity Repeated Exposure category.
<b>Long-Term (Chronic) Health Effects</b>	Drowsiness, Headache, Impaired vision, Circulatory failure, abdominal pain, Skin rashes.
<b>Aspiration Toxicity</b>	Non-hazardous under Aspiration category.
<b>Other Information</b>	No Data Available.

### Agents Classified by IARC Monographs

Not Applicable	IARC Group 1
Not Applicable	IARC Group 2A
Not Applicable	IARC Group 2B

### National Toxicity Program (NTP) Status

Not Applicable	Known Human Carcinogen
Not Applicable	Reasonably Anticipated To Be A Human Carcinogen

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## SECTION 12: Ecological Information

### 12.1. Toxicity

**Acute Aquatic Ecotoxicity:** Non-hazardous under Aquatic Acute Environment category.

**Chronic Aquatic Ecotoxicity:** Non-hazardous under Aquatic Chronic Environment category.

**12.2. Persistence and Degradability:** Biodegrades quickly.

**12.3. Bioaccumulative Potential:** Bioconcentration is not expected to occur.

**12.4. Mobility in Soil:** This material is expected to have very high mobility in soil. It does not absorb to most solid types. This material is expected to evaporate quickly from surfact soils and/or waters.

**12.5. Results of PBT and vPvB Assessment** No Data Available.

**12.6. Other Adverse Effects** Not Determined.

## SECTION 13: Disposable Considerations

### 13.1. Waste Treatment Methods

#### Disposal Methods

Dispose by incineration following Federal, State, Local, or Provincial regulations.

#### Waste Disposal Code(s)

D001

#### Waste Description for Spent Product

Spent or discarded material is a hazardous waste.

#### Contaminated Packaging:

Containers of this material may be hazardous when emptied.

## SECTION 14: Transport Information

**DOT BASIC Description** UN1993, FLAMMABLE LIQUID, N.O.S. (METHANOL), 3, UUU, LTD QTY

### IMDG

**Proper Shipping Name:** FLAMMABLE LIQUIDS, N.O.S.  
**Technical Name:** Methanol  
**UN Number:** UN1993  
**Hazard Class:** 3  
**Packing Group:** III  
**Exception:** LTD QTY  
**EMS#** F-E, S-E

### IATA

**Proper Shipping Name:** FLAMMABLE LIQUIDS, N.O.S.  
**Technical Name:** Methanol  
**UN Number:** UN1993  
**Hazard Class:** 3  
**Packing Group:** III  
**Exception:** LTD QTY

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## SECTION 15: Regulatory Information

### Chemical Inventories

**TSCA Status** All components of this material are on the US TSCA Inventory or are exempt  
**U.S. State Restrictions:** AZ, CA, TX, Atlanta Area  
**WHMIS:** B2, DIB, D2A, DB

Chemical Name	Regulation	CAS#	%
Methanol	CERCLA	67-56-1	15-40
Methanol	SARA313	67-56-1	15-40
None.	SARA EHS		
None.	TSCA 12b		

### U.S. State Regulations

Chemical Name	Regulation	CAS#	%
None.	California Prop 65-Cancer		
Methanol	California Prop 65-Dev. Toxicity		
None.	California Prop 65-Reprod-Fem		
None.	California Prop 65-Reprod-Male		
Methanol	Massachusetts RTK List	67-56-1	15-40
Methyl alcohol	New Jersey RTK List	67-56-1	15-40
Methanol	Pennsylvania RTK List	67-56-1	15-40
None.	Rhode Island RTK List		
Methyl alcohol	Minnesota Hazardous Substance List	67-56-1	15-40

### HMIS Ratings:

Health: 2  
 Fire: 3  
 Reactivity: 0  
 PPE: B

### NFPA Ratings:

Health: 2  
 Fire: 3  
 Reactivity: 0

**KEY:**                    **0-Least    1- Slight    2- Moderate    3- High    4-Extreme**

## SECTION 16: Other Information

**Revision Date** 4/2/2015  
**References** ACGIH: American Conference of Governmental Industrial Hygienists  
 AIHA: American Industrial Hygiene Association  
 CFR: Code of Federal Regulations  
 DOT: United States Department of Transportation  
 GHS: Globally Harmonized System of Classifications and Labeling of Chemicals  
 HMIS: Hazardous Material Identification System  
 IARC: International Agency for Research on Cancer  
 IATA: International Air Transportation Association  
 IDLH: Immediately Dangerous to Life or Health  
 IMDG: International Maritime Dangerous Goods  
 NFPA: National Fire Protection Association  
 NIOSH: National Institute for Occupational Safety and Health  
 NTP: National Toxicology Program  
 OSHA: Occupational Safety and Health Administration  
 PEL: Permissible Exposure Limit  
 RTK: Right-to-Know  
 SARA: Superfund Amendments and Reauthorization Act  
 STEL: Short-Term Exposure Limit  
 TLV: Threshold Limit Value  
 TSCA: Toxic Substances Control Act  
 TWA: Time Weighted Average  
 UN: United Nations  
 WHMIS: Workplace Hazardous Material Information System

## SAFETY DATA SHEET

### THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:

Updates made in accordance with implementation of GHS requirements.

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The information and recommendations contained herein are, to the best of ExxonMobil's knowledge and belief, accurate  
Disclaimer:

This material safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.