# Safety Data Sheet

**Issue Date:** 15-Aug-2018 **Revision Date:** 6-Jan-20 **Version** 1

## 1. IDENTIFICATION

**Product identifier**

**Product Name** SPLASH Concentrate Windshield Wash

**Other means of identification**

**SDS/PART #** 100234

**UN/ID No** UN1230

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Windshield washer fluid.

**Details of the supplier of the safety data sheet**

**Manufacturer Address**

FMP
1380 Corporate Center Curve, Suite 200
Eagan, MN 55121
Phone: 888-784-0802

**Emergency telephone number**

**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear colorless **Physical state** Liquid **Odor** Very, slight alcohol smell

**Classification**

| | |
|---|---|
| Acute toxicity - Oral | Category 3 |
| Acute toxicity - Dermal | Category 3 |
| Acute toxicity - Inhalation (Vapors) | Category 3 |
| Acute toxicity - Inhalation (Dusts/Mists) | Category 3 |
| Specific target organ toxicity (single exposure) | Category 1 |
| Flammable Liquids | Category 2 |

**Signal Word**

**Danger**

**Hazard statements**

Toxic if swallowed
Toxic in contact with skin
Toxic if inhaled
Causes damage to organs
Highly flammable liquid and vapor

**Precautionary Statements - Prevention**
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Use only outdoors or in a well-ventilated area
Do not breathe dust/fume/gas/mist/vapors/spray
Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Keep cool
Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**
IF exposed: Call a POISON CENTER or doctor
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower
Wash contaminated clothing before reuse
Call a POISON CENTER or doctor if you feel unwell
IF INHALED: Remove person to fresh air and keep comfortable for breathing
Call a POISON CENTER or doctor
IF SWALLOWED: Immediately call a POISON CENTER or doctor
Rinse mouth
IN CASE OF FIRE: Use CO2, dry chemical, or foam to extinguish

**Precautionary Statements - Storage**
Store locked up
Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal**
Dispose of contents/container to an approved waste disposal plant

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS No. | Weight-% |
|---|---|---|
| Methanol | 67-56-1 | 90-100 |

**If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret. **

## 4. FIRST AID MEASURES

**Description of first aid measures**

**General Advice** IF exposed: Call a POISON CENTER or doctor/physician.

**Eye Contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin Contact** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Call a poison center or doctor/physician if you feel unwell.

**Inhalation** Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician.

**Ingestion** Immediately call a poison center or doctor/physician. Rinse mouth.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** Toxic if swallowed. Toxic in contact with skin. Toxic if inhaled. Causes damage to organs.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**
Highly flammable liquid and vapor.

**Protective equipment and precautions for firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Use personal protective equipment as required.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on Safe Handling** Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion proof equipment. Use only non-sparking tools. Take precautionary measures against static discharges. Keep cool. Wear protective gloves/protective clothing and eye/face protection.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Store locked up. Store in a well-ventilated place. Keep cool. Keep container tightly closed.

**Incompatible Materials** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|---|---|---|
| Methanol<br>67-56-1 | STEL: 250 ppm<br>TWA: 200 ppm<br>S* | TWA: 200 ppm<br>TWA: 260 mg/m$^3$<br>(vacated) TWA: 200 ppm<br>(vacated) TWA: 260 mg/m$^3$<br>(vacated) STEL: 250 ppm<br>(vacated) STEL: 325 mg/m$^3$<br>(vacated) S* | IDLH: 6000 ppm<br>TWA: 200 ppm<br>TWA: 260 mg/m$^3$<br>STEL: 250 ppm<br>STEL: 325 mg/m$^3$ |

**Appropriate engineering controls**

**Engineering Controls** Showers. Eyewash stations. Ventilation systems.

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

**Eye/Face Protection** Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection** Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection** Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Physical state** Liquid
**Appearance** Clear colorless
**Color** Not determined
**Odor** Very, slight alcohol smell
**Odor Threshold** Not determined

| Property | Values | Remarks • Method |
|---|---|---|
| **pH** | Not determined | |
| **Melting point / freezing point** | -97.8 °C / -144 °F | |
| **Boiling point / boiling range** | 64.4 °C / 148 °F | |
| **Flash point** | 12.2 °C / 54 °F | |
| **Evaporation Rate** | Not determined | |
| **Flammability (Solid, Gas)** | Liquid-Not applicable | |
| **Flammability Limit in Air** | | |
| **Upper flammability or explosive limits** | Not determined | |
| **Lower flammability or explosive limits** | Not determined | |
| **Vapor Pressure** | Not determined | |
| **Vapor Density** | Not determined | |
| **Relative Density** | 0.7925 | |
| **Water Solubility** | Not determined | |
| **Solubility in other solvents** | Not determined | |
| **Partition Coefficient** | Not determined | |

| | |
|---|---|
| **Autoignition temperature** | Not determined |
| **Decomposition temperature** | Not determined |
| **Kinematic Viscosity** | Not determined |
| **Dynamic Viscosity** | Not determined |
| **Explosive Properties** | Not determined |
| **Oxidizing Properties** | Not determined |

## 10. STABILITY AND REACTIVITY

**Reactivity**
Not reactive under normal conditions.

**Chemical stability**
Stable under recommended storage conditions.

**Possibility of hazardous reactions**
None under normal processing.

**Conditions to Avoid**
Keep out of reach of children.

**Incompatible materials**
None known based on information supplied.

**Hazardous decomposition products**
None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**

**Eye Contact** Avoid contact with eyes.

**Skin Contact** Toxic in contact with skin.

**Inhalation** Toxic if inhaled.

**Ingestion** Toxic if swallowed.

**Component Information**

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| Methanol<br>67-56-1 | = 6200 mg/kg (Rat) | = 15800 mg/kg (Rabbit) = 15840 mg/kg (Rabbit) | = 22500 ppm (Rat) 8 h = 64000 ppm (Rat) 4 h |

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**STOT - single exposure** Causes damage to organs.

**Numerical measures of toxicity**

**The following values are calculated based on chapter 3.1 of the GHS document.**

| | |
|---|---|
| **ATEmix (oral)** | 100.00 mg/kg |
| **ATEmix (dermal)** | 300.00 mg/kg |
| **ATEmix (inhalation-dust/mist)** | 0.50 mg/L |
| **ATEmix (inhalation-vapor)** | 3.00 mg/L |

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Component Information**

| Chemical name | Algae/aquatic plants | Fish | Crustacea |
|---|---|---|---|
| Methanol<br>67-56-1 | | 18 - 20: 96 h Oncorhynchus mykiss mL/L LC50 static 28200: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static 19500 - 20700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 13500 - 17600: 96 h Lepomis macrochirus mg/L LC50 flow-through | |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

There is no data for this product.

**Mobility**

| Chemical name | Partition coefficient |
|---|---|
| Methanol<br>67-56-1 | -0.77 |

**Other Adverse Effects**

Not determined

## 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**US EPA Waste Number**

| Chemical name | RCRA | RCRA - Basis for Listing | RCRA - D Series Wastes | RCRA - U Series Wastes |
|---|---|---|---|---|
| Methanol<br>67-56-1 | | Included in waste stream: F039 | | U154 |

**California Hazardous Waste Status**

| Chemical name | California Hazardous Waste Status |
|---|---|
| Methanol | Toxic |

| | |
|---|---|
| 67-56-1 | Ignitable |

## 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

| | |
|---|---|
| **UN/ID No** | UN1230 |
| **Proper Shipping Name** | Methanol |
| **Hazard class** | 3 |
| **Packing Group** | II |

**IATA**

| | |
|---|---|
| **UN number** | UN1230 |
| **Proper Shipping Name** | Methanol |
| **Transport hazard class(es)** | 3 |
| **Subsidiary hazard class** | 6.1 |
| **Packing Group** | II |

**IMDG**

| | |
|---|---|
| **UN number** | UN1230 |
| **Proper Shipping Name** | Methanol |
| **Transport hazard class(es)** | 3 |
| **Subsidiary Hazard Class** | 6.1 |
| **Packing Group** | II |

## 15. REGULATORY INFORMATION

**International Inventories**

| Chemical name | TSCA | DSL/NDSL | EINECS/ELINCS | ENCS | IECSC | KECL | PICCS | AICS |
|---|---|---|---|---|---|---|---|---|
| Methanol | X | X | X | X | X | X | X | X |

**Legend:**

***TSCA*** *- United States Toxic Substances Control Act Section 8(b) Inventory*

***DSL/NDSL*** *- Canadian Domestic Substances List/Non-Domestic Substances List*

***EINECS/ELINCS*** *- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

***ENCS*** *- Japan Existing and New Chemical Substances*

***IECSC*** *- China Inventory of Existing Chemical Substances*

***KECL*** *- Korean Existing and Evaluated Chemical Substances*

***PICCS*** *- Philippines Inventory of Chemicals and Chemical Substances*

***AICS*** *- Australian Inventory of Chemical Substances*

**US Federal Regulations**

**CERCLA**

| Chemical name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|---|---|---|---|
| Methanol<br>67-56-1 | 5000 lb | | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |

**SARA 313**

| Chemical name | CAS No. | Weight-% | SARA 313 - Threshold Values % |
|---|---|---|---|
| Methanol - 67-56-1 | 67-56-1 | 90-100 | 1.0 |

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals.

| Chemical name | California Proposition 65 |
|---|---|
| Methanol - 67-56-1 | Developmental |

**U.S. State Right-to-Know Regulations**

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|---|---|---|---|
| Methanol<br>67-56-1 | X | X | X |

## 16. OTHER INFORMATION

| | | | | |
|---|---|---|---|---|
| **NFPA** | **Health Hazards** | **Flammability** | **Instability** | **Special Hazards** |
| | Not determined | Not determined | Not determined | Not determined |
| **HMIS** | **Health Hazards** | **Flammability** | **Physical hazards** | **Personal Protection** |
| | Not determined | Not determined | Not determined | Not determined |

**Issue Date:** 15-Aug-2018
**Revision Date:** 6-Jan-20
**Revision Note:** Corrected recommended use

**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 the text.**

**End of Safety Data Sheet**

SPLASH Concentrate

| Raw Material | CAS# | Functional Purpose | List of Concern | Links to Lists of Concern |
|---|---|---|---|---|
| Water | 7732-18-5 | | | |
| Methanol | 67-56-1 | Freeze point reducer | CA Prop 65<br>US NTP Reproductive or Developmental Toxicants<br>CA Non-Cancer Hazards | https://oehha.ca.gov/proposition-65/proposition-65-list<br>https://ntp.niehs.nih.gov/whatwestudy/assessments/noncancer/completed/index.html<br>https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary<br>https://ntp.niehs.nih.gov/ntp/ohat/methanol/methanol_monograph.pdf |
| Denatonium Benzoate (Bitrex) | 3734-33-6 | Bittering Agent | | |
| | | | | |

*WERKS#

https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180SB258