

# MATERIAL SAFETY DATA SHEET

## MATERIAL IDENTITY: -25° F Splash Windshield Washer Fluid

### SECTION 1 – PRODUCT IDENTIFICATION & COMPANY INFORMATION

**Manufacturer:** SPLASH PRODUCTS, INC.  
51 East Maryland Avenue  
St. Paul, MN 55117-4615

**Telephone:** (651) 489-8211

**Facsimile:** (651) 489-8247

**Transportation Emergency for immediate information about a chemical or to seek assistance from a manufacturer:** 1-800-535-5053

**Date Updated:** January 6, 2012

### SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Component*	Approximate Composition	OSHA Permissible Exposure Limit**	NIOSH REL	ACGIH Threshold Limit Value	IDLH (NIOSH)
Methanol (Methyl Alcohol) -CAS 67-56-1 -UN 1230  (DOT Guide 28)	34 percent by weight	200 ppm (260 mg/m <sup>3</sup> ) 8-Hour TWA (Skin)	200 ppm (260 mg/m <sup>3</sup> ) 8-Hour TWA  250 ppm (310 mg/m <sup>3</sup> ) Ceiling (Skin)	200 ppm (260 mg/m <sup>3</sup> ) 8-Hour TWA  250 ppm (310 mg/m <sup>3</sup> ) Short-term Exposure Limit (15-minute TWA) (Skin)	6,000 ppm (0.6 percent in air)

HMIS: HEALTH: 2      FLAMMABILITY: 2      REACTIVITY: 0      SPECIAL: NONE

RATING SCALE: 0=MINIMAL    1=SLIGHT    2=MODERATE    3=SERIOUS    4=SEVERE

### SECTION 3 – HAZARDOUS IDENTIFICATION

The hazardous component listed is not a known or suspected human carcinogen as listed or determined by the National Agency for Research on Cancer, National Toxicological Program "NTP Seventh Annual Report on Carcinogens," or International Agency for Research on Cancer (IARC) monograph reviews. In addition, it is not considered a carcinogen by the Occupational Safety and Health Administration or the National Institute for Occupational Safety and Health.

Can cause eye and skin irritation. HARMFUL IF SWALLOWED. DANGER POISON. FLAMMABLE. CANNOT BE MADE NONPOISONOUS. Irritation to respiratory track.

INGESTION: Can cause blindness.

INHALATION: May cause headaches, dizziness, nausea, incoordination, drowsiness, visual impairment and unconsciousness

EYE CONTACT: Irritating to eyes; may cause severe and permanent damage.

SKIN CONTACT: Prolonged or repeated contact without rinsing with water may cause irritation.

# MATERIAL SAFETY DATA SHEET

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## SECTION 4 – FIRST AID MEASURES

**INGESTION:** Do not give liquid if victim is unconscious or drowsy. Otherwise, give 1 or 2 glasses of water. Call doctor, hospital emergency room or poison control center for instructions to induce vomiting. When medical advice is not available, induce vomiting using syrup of ipecac according to direction. If ipecac not available, induce vomiting with finger or back of spoon by touching the back of the victim's throat. Get medical attention.

**INHALATION:** If exposed to excessive levels of vapors. Remove to fresh air.

**EYE CONTACT:** Immediately flush eye with plenty of cool, running water. Remove contact lenses if applicable, and continue flushing for at least 15 minutes, holding eyelids apart to ensure thorough rinsing of the entire eye. **Speed is essential to minimize injury. Call a physician immediately.**

**SKIN CONTACT:** immediately flush skin with plenty of cool running water for at least 15 minutes. Wash with soap and water. If irritation develops or persists, get medical attention. Remove contaminated clothing and shoes; wash before reuse.

## SECTION 5 – FIRE FIGHTING MEASURES

**FLASH POINT:** 90°F

**FLAMMABLE LIMITS:** In air % by volume, LEL: 6% UEL: 36%

**EXTINGUISHING MEDIA:** Use of dry chemical, carbon dioxide, water spray, alcohol foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use fog or spray to prevent flooding. Be prepared to use MSHA-NIOSH self contained breathing apparatus and protecting clothing.

**FIRE AND EXPLOSION HAZARDS:** Treat as flammable liquid. There is a chance of moderate explosion and/or dangerous fire hazard.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**RESPONSE TO SPILLS:** Eliminate all sources of ignition immediately. Mop up residue and rinse area thoroughly with water. Contain run-off with absorbent material such as sand or clay and diking. Transfer liquid and absorbent material in approved container. Flush and mop area with water allowing to air dry. Keep spill out of sewers and open bodies of water.

## SECTION 7 – HANDLING AND STORAGE

**HANDLING PRECAUTIONS:** Follow directions on label. Wash after handling and before eating.

**STORAGE PRECAUTIONS:** Store container upright. Tighten cap securely. Avoid heat, sparks, and flames. Protect container from physical damage. **KEEP AWAY FROM CHILDREN**

# MATERIAL SAFETY DATA SHEET

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### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**HYGIENIC PRACTICES:** Avoid breathing vapors. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Follow direction on label. Do not store near food stuffs, water or feed.

**SKIN PROTECTION:** Rubber or neoprene gloves and additional protection including impervious boots, apron, or coveralls, as needed in areas of unusual exposure.

**EYE PROTECTION:** Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear blue liquid

**BOILING POINT:** 170°F

**ODOR:** Mild alcohol odor

**FREEZE POINT:** -25°F

**pH:** 8.2

**VAPOR PRESSURE (mm of Hg):** 97 @20C (68F)

**SPECIFIC GRAVITY: (water =1):** .948 @60°F

**VAPOR DENSITY (Air =1):** 1.1

**SOLUBILITY IN WATER:** 100%

**EVAPORATION RATE (BuAc=1):** 5.9

### SECTION 10 – STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** HEAT, SPARKS, FLAMES. No smoking when using.

**INCOMPATIBILITY:** Strong oxidizing agents such as nitrates and sulfuric acid.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Burning can product carbon monoxide and /or carbon dioxide. Carbon monoxide is highly toxic if inhaled. Carbon dioxide in sufficient concentration can act as an asphyziant.

**HAZARDOUS POLYMERIZATION:** will not occur.

### SECTION 11 – TOXICOLOGICAL INFORMATION

**CARCINOGENICITY:** This product does not contain any known or anticipated carcinogens according to the criteria of the NPT annual report on carcinogens and OSHA 29 CFR 1910, Z.

**Methyl Alcohol (Methanol):** Oral rat LD50: 5628 mg/kg; inhalation rat LC50: 64000 ppm/4H; skin rabbit LD50: 15800 mg/kg; irritation data-standard Draize test: skin, rabbit: 20mg/24hr. Moderate; eye, rabbit: 100mg/24hr. Moderate. Investigated as a mutagen, reproductive effector.

**METHYL ALCOHOL (67-56-1) CARCINOGEN:** Known: No. Anticipated: No.

# MATERIAL SAFETY DATA SHEET

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## SECTION 12 – ECOLOGICAL INFORMATION

**ENVIRONMENTAL:** When released into the soil, this material is expected to readily biodegrade. When released into the soil, this material is expected to leach into groundwater. When released into the soil, this material is expected to quickly evaporate. When released into water, this material is expected to have a half-life between 1 and 10 days. When released into water, this material is expected to readily biodegrade. When released into the air, this material is expected to exist in the aerosol phase with a short half-life. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals. When released into air, this material is expected to have a half-life between 10 and 30 days. When released into the air, this material is expected to be readily removed from the atmosphere by wet deposition.

**ENVIRONMENTAL TOXICITY:** This material is expected to be slightly toxic to aquatic life.

## SECTION 13 – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Dispose in accordance with federal, state and local regulations.

## SECTION 14 – TRANSPORT INFORMATION

(U.S. D.O.T.) – U.S. Department of Transportation:  
**PROPER SHIPPING NAME:** Consumer Commodity ORM-D  
**Exceptions:** Per 49 CFR 173.150 (pg III, inner package not over 5.0 L)

## SECTION 15 – REGULATORY INFORMATION

**THIS PRODUCT CONTAINS COMPONENT(S) CITED ON THE FOLLOWING REGULATIONS:**

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>
Methanol	67-56-1

**U.S. FEDERAL REGULATIONS**  
TSCA (Toxic Substance Control Act) Status – TSCA (UNITED STATES)

**CERCLA RQ – 40 CFR 3.2.1 (a)**

<u>Component</u>	<u>RQ (lbs)</u>
Methyl Alcohol	5,000

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SARA 302 Components – 40 CFR 355 Appendix A  
None

Section 311/312 Hazard Class – 40CFR 370.2  
Immediate (X) Delayed (X) Fire (X) Reactive () Sudden Release of Pressure ()

SARA 313 Components - 40 CFR 372.65

<u>Section 313 Components(s)</u>	<u>CAS Number</u>	<u>%</u>
Methanol	67-56-1	34

### INTERNATIONAL REGULATIONS

Inventory Status – DSL (CANADA)  
The international ingredients of this are listed.  
WHMIS Information: B2, D1A

ECL (SOUTH KOREA)  
The international ingredients of this product are listed.

EINECS (EUROPE)  
The international ingredients of this product are listed.

ENCS (JAPAN)  
The international ingredients of this product are listed.

State and Local Regulations – California Proposition 65

New Jersey RTK (Right-To-Know) Label information  
Methyl Alcohol 67-56-1

Pennsylvania RTK (Right-To-Know) Label information  
Methanol 67-56-1

Atmospheric Standards: The Clean Air Act Amendments of 1990 list methanol as a hazardous air pollutant.

### SECTION 16 – OTHER INFORMATION

Information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The condition or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product.