



# Safety Data Sheet

Issue Date: 2-Nov-20

Revision Date: 16-Aug-2016 Version 1

## 1. IDENTIFICATION

### Product identifier

**Product Name** SPLASH Super PX 99 Isopropyl Alcohol

### Other means of identification

**SDS/PART #** 018427

**UN/ID No** UN1219

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

**Recommended Use** Gas line anti-freeze.

### 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 liquid

**Physical state** Liquid

**Odor** Alcohol-like

### Classification

Acute toxicity - Oral	Category 4
Serious eye damage/eye irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3
Flammable Liquids	Category 2

### Signal Word

**Danger**

### Hazard statements

Harmful if swallowed  
Causes serious eye irritation  
May cause drowsiness or dizziness  
Highly flammable liquid and vapor



<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing.
<b>Ingestion</b>	Call a poison center or doctor/physician if you feel unwell. Rinse mouth.

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

<b>Symptoms</b>	May be harmful in contact with skin. May be harmful if inhaled. Harmful if swallowed. Causes serious eye irritation. May cause drowsiness or dizziness.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Alcohol resistant foam. Carbon dioxide (CO2). Dry chemical.

**Unsuitable Extinguishing Media** High volume water jet.

**Specific Hazards Arising from the Chemical**

Highly flammable liquid and vapor. Do not allow run-off from fire-fighting to enter drains or water courses.

**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**

<b>Personal Precautions</b>	Use personal protective equipment as required. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating.
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**Environmental precautions**

<b>Environmental precautions</b>	See Section 12 for additional Ecological Information. Prevent product from entering drains.
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**Methods and material for containment and cleaning up**

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
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<b>Methods for Clean-Up</b>	Contain spill using noncombustible material such as vermiculite, sand or earth.
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**7. HANDLING AND STORAGE**

**Precautions for safe handling**

<b>Advice on Safe Handling</b>	Wear protective gloves/protective clothing and eye/face protection. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. 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.
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**Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.
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**Incompatible Materials** Aldehydes. Chlorine. Ethylene oxide. Halogens. Isocyanates. Strong acids. Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl Alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>

**Appropriate engineering controls**

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

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

**Eye/Face Protection** Eye wash bottle. Tightly sealed goggles. Wear face shield and protective suit for abnormal processing problems.

**Skin and Body Protection** Impermeable clothing. Impervious protective gloves.

**Respiratory Protection** No personal respiratory protective equipment normally required. In the case of vapor formation use a respirator with an approved filter.

**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**

<b>Physical state</b>	Liquid	<b>Odor</b>	Alcohol-like
<b>Appearance</b>	Clear, colorless liquid	<b>Odor Threshold</b>	200 ppm
<b>Color</b>	Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	
Melting point / freezing point	-88 °C / -126 °F	
Boiling point / boiling range	82 °C / 180 °F	
Flash point	12 °C / 54 °F	
Evaporation Rate	1.2	N-butyl acetate
Flammability (Solid, Gas)	Liquid-Not applicable	
Flammability Limit in Air		
Upper flammability or explosive limits	12.7% (V)	
Lower flammability or explosive limits	2%(V)	

<b>Vapor Pressure</b>	32 mmHg @20°C/68	
<b>Vapor Density</b>	2 @20°C/68DEGF	(Air=1)
<b>Relative Density</b>	0.79 g/cm <sup>3</sup> @20°C/68°F	(Water=1)
<b>Water Solubility</b>	Soluble in water	
<b>Solubility in other solvents</b>	no data available	
<b>Partition Coefficient</b>	log Pow: 0.05 @25°C/77°F	
<b>Autoignition temperature</b>	399 °C / 750.2 °F	
<b>Decomposition temperature</b>	Not determined	
<b>Kinematic Viscosity</b>	2.6 mm <sup>2</sup> /s	(@25°C/77°F)
<b>Dynamic Viscosity</b>	2.4 mPa s	(@20°C/68°F)
<b>Explosive Properties</b>	Not determined	
<b>Oxidizing Properties</b>	Not determined	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

Vapors may form explosive mixture with air.

### Conditions to Avoid

Incompatible Materials. Heat, flames and sparks.

### Incompatible materials

Aldehydes. Chlorine. Ethylene oxide. Halogens. Isocyanates. Strong acids. Strong oxidizing agents.

### Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Unburned hydrocarbons (smoke).

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Eye Contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	May be harmful in contact with skin.
<b>Inhalation</b>	May be harmful if inhaled.
<b>Ingestion</b>	Harmful if swallowed.

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl Alcohol 67-63-0	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	= 72600 mg/m <sup>3</sup> (Rat) 4 h

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

<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.
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**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Serious eye damage/eye irritation** Causes serious eye irritation.

**Carcinogenicity** Group 3 IARC components are "not classifiable as human carcinogens".

Chemical name	ACGIH	IARC	NTP	OSHA
Isopropyl Alcohol 67-63-0		Group 3		X

**Legend**

**IARC (International Agency for Research on Cancer)**

Group 3 IARC components are "not classifiable as human carcinogens"

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**STOT - single exposure** May cause drowsiness or dizziness.

**Numerical measures of toxicity**

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

**ATEmix (oral)** 1,870.00 mg/kg

**ATEmix (dermal)** 4,059.00 mg/kg

**ATEmix (inhalation-dust/mist)** 72.60 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
Isopropyl Alcohol 67-63-0	1000: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50 1000: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	11130: 96 h <i>Pimephales promelas</i> mg/L LC50 static 9640: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 1400000: 96 h <i>Lepomis macrochirus</i> µg/L LC50	13299: 48 h <i>Daphnia magna</i> mg/L EC50

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

There is no data for this product.

**Mobility**

Chemical name	Partition coefficient
Isopropyl Alcohol 67-63-0	0.05

**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.

**California Hazardous Waste Status**

Chemical name	California Hazardous Waste Status
Isopropyl Alcohol 67-63-0	Toxic Ignitable

**14. TRANSPORT INFORMATION**

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

**DOT** **10oz, 16oz, and 32oz ARE ELIGIBLE FOR LIMITED QUANTITY**

**UN/ID No** UN1219  
**Proper Shipping Name** Isopropanol  
**Hazard class** 3  
**Packing Group** II

**IATA** **10oz, 16oz, and 32oz ARE ELIGIBLE FOR LIMITED QUANTITY (PI 364 CAO)**

**UN number** UN1219  
**Proper Shipping Name** Isopropanol  
**Transport hazard class(es)** 3  
**Packing Group** II

**IMDG** **10oz, 16oz, and 32oz ARE ELIGIBLE FOR LIMITED QUANTITY**

**UN number** UN1219  
**Proper Shipping Name** Isopropanol  
**Transport hazard class(es)** 3  
**Packing Group** II

**15. REGULATORY INFORMATION**

**International Inventories**

Chemical name	TSCA	DSL/NDSL	EINECS/E LINCS	ENCS	IECSC	KECL	PICCS	AICS
Isopropyl Alcohol	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**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**SARA 313**

Chemical name	CAS No.	Weight-%	SARA 313 - Threshold Values %
Isopropyl Alcohol - 67-63-0	67-63-0	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 does not contain any Proposition 65 chemicals.

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

Chemical name	New Jersey	Massachusetts	Pennsylvania
Isopropyl Alcohol 67-63-0	X	X	X

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	2	3	0	Not determined
<b>HMIS</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical hazards</b>	<b>Personal Protection</b>
	2*	3	0	Not determined

*Chronic Hazard Star Legend*                      \* = Chronic Health Hazard

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**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**