



# SAFETY DATA SHEET

Revision Date 01-March-2017

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** SFSPac® Sanitizer<sub>FS</sub>

### Other means of Identification

**SDS #** 1600-Concentrate

**Product Code** SFS16, SFS17, SFS18

**Registration Number** 1839-86-8722

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

**Recommended Use** EPA Registered Sanitizer

### Details of the Supplier of the Safety Data Sheet

#### Supplier Address

PortionPac Chemical Corporation 400 N. Ashland Avenue Chicago, IL 60622-6382 www.portionpaccorp.com

#### Emergency Telephone Number

**Company Phone Number** Phone: 312-226-0400 Fax: 312-226-5400

**Emergency Telephone Number** INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

This product is registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace labels of non-EPA registered chemicals. See Section 15 for EPA information.

### Classification

#### Product as sold

Skin corrosion/irritation Category 2

Serious eye damage/irritation Category 1

#### Signal Word

**Danger**

#### Hazard Statements

Causes skin irritation.

Causes serious eye damage.



#### Precautionary Statements – Prevention

Wash face, hands and any exposed skin thoroughly after handling.

Wear protective gloves and eye protection.

#### Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a poison center or physician.

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice.

#### Other Hazards

Toxic to aquatic life with long lasting effects.

#### Product in use dilution

Does not have hazards as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200. However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
alkyl dimethyl ethylbenzyl ammonium chloride	85409-23-0	1-10%
n-alkyl (C12-16)-n, n-dimethyl-n-benzyl ammonium chloride	68391-01-5	1-10%
ethyl alcohol	64-17-5	<5%

In the concentrations in this formulation, the ingredients listed below are considered to be non-hazardous according to OSHA 1910.1200:

water (CAS# 7732-18-5), amines, C12-18-alkyldimethyl (CAS# 68391-04-8).

## 4. FIRST AID MEASURES

### First aid measures

**Eye Contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or physician.

**Skin Contact** Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice.

**Inhalation** Remove to fresh air.

**Ingestion** Do not induce vomiting. Drink plenty of water.

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

**Symptoms** May be harmful if swallowed. Small, unit dose pouch size would require the ingestion of multiple pouches to reach the dangerous level. In concentrated form, causes skin irritation and serious eye damage.

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

**Note to physicians** Treat symptomatically.

**5. FIRE FIGHTING MEASURES**

**Suitable Extinguishing Media** Measures that are appropriate to circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific hazards arising from the chemical** Not determined.

**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 described in Section 8 of this Safety Data Sheet.

**Environmental precautions** See Section 12 of this Safety Data Sheet for additional ecological information.

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

**Methods for containment** Concentrated materials are packed in unit-dosed pouches limiting any spills to very small quantities.

**Methods for cleaning up** Paper toweling or mopping is usually sufficient.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling** Avoid contact with skin, eyes or clothing. Wash hands and any exposed skin thoroughly after handling. Keep out of reach of children.

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

**Storage conditions** Store locked up.

**Incompatible materials** None known.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
ethyl alcohol	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

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

**Eye/face protection** Wear protective glasses when mixing product.

**Skin and body protection** Wear gloves when mixing product.

**Respiratory protection** Provide adequate ventilation.

**General Hygiene Considerations** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical State** Liquid

**Appearance** Transparent light pink

**Color** transparent

**Odor** Fresh odor

**Odor Threshold** Not determined

**Property**

pH

**Values**

7 – 9

**Remarks • Method**

**Melting point/freezing point**

Not determined.

**Boiling point/boiling range**

173 °F (78.3 °C)

**Flash point**

103 °F (39.4 °C)

Evaporation rate	Not determined.
Flammability (solid, gas)	Not applicable.
Flammability Limits in Air	
Upper flammability limits	Not determined.
Lower flammability limit	Not determined.
Vapor pressure	Not determined.
Vapor density	Not determined.
Specific Gravity	Not determined. (1=Water)
Water solubility	Completely soluble.
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.

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	Not reactive under normal conditions.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Conditions to avoid</b>	Keep out of reach of children.
<b>Incompatible materials</b>	None known.
<b>Hazardous Decomposition Products</b>	None known.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure** Eye or skin contact, ingestion or inhalation.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
ethyl alcohol 64-17-5	= 7060 mg/kg ( Rat )		= 124.7 mg/L ( Rat ) 4 h

**Information on physical, chemical and toxicological effects**

**Symptoms** See section 4.

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

**Carcinogenicity** Ethanol has been shown to be carcinogenic in long-term studies only when consumed as an alcoholic beverage.

Chemical Name	ACGIH	IARC	NTP	OSHA
ethyl alcohol 64-17-5	A3	Group 1	Known	X

**Numerical measures of toxicity - Product**

<b>ATEmix (oral)</b>	4,960.00 mg/kg	<b>ATEmix (dermal)</b>	11,000.00 mg/kg	<b>ATEmix (inhalation-dust/mist)</b>	11,035.40 mg/L
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**12. ECOLOGICAL INFORMATION**

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

**Component Information**

Chemical Name	Algae/aquatic plants	Fish	Crustacea
ethyl alcohol 64-17-5		13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static 12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static	10800: 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 Static 9268 - 14221: 48 h Daphnia magna mg/L LC50

**Persistence and degradability** Not determined.

**Bioaccumulation** Not determined.

**Mobility**

Chemical Name	Partition Coefficient
ethyl alcohol 64-17-5	-0.32

**Other adverse effects** Not determined.

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

**Disposal of wastes** Dispose of in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Dispose of in accordance with applicable regional, national and local laws and regulations.

**California Hazardous Waste Status**

ethyl alcohol Toxic, ignitable.

**14. TRANSPORT INFORMATION**

**DOT** Not regulated.  
**IATA** Not regulated.  
**IMDG** Not regulated.

**15. REGULATORY INFORMATION**

**International Inventories**

Chemical Name	TSCA	DSL.NDSL	EINECESELINCS	ENCS	IECSC	KECL	PICCS	AICS
quaternary ammonium	X	X	X		X			
n-alkyl (C12-16)-n, n-dimethyl, n-benzyl ammonium chloride	X	X	X	Present	X	Present	X	X
ethyl alcohol	X	X	X	Present	X	Present	X	X
Amines, (C12-18) alkyldimethyl	X	X	X	Present	X		X	X

**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 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain chemicals which are subject to reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**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. The ethyl alcohol referred to in Proposition 65 is EDF-026 – “ethyl alcohol in alcoholic beverages”

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
ethyl alcohol	X	X	X

**U.S. EPA Label Information**

EPA Reg. No. 1839-86-8722

**EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and workplace labels of non-pesticides. Following is the EPA required hazard information:

**EPA Label**

Signal Word: Danger

Keep out of reach of children. Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, rubber gloves, and protective clothing. Harmful if swallowed. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

**16. OTHER INFORMATION**

<b>NFPA</b>	Health hazards	Flammability	Instability	Special hazards
	1	0	0	N/A
<b>HMIS</b>	Health hazards	Flammability	Physical hazards	Personal Protection
	1	0	0	B

**Issue Date** 01-March-2017

**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 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**