SAFETY DATA SHEET

Issue Date 01-March-2017 **Version** 1

1. IDENTIFICATION

Product Identifier

Product Name SFSPac® Sanitizer$_{FS}$

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 85 Bradrock Dr. Des Plaines, IL 60018 www.portionpac.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.

PortionPac®, CorrectPac®, SFSPac® and the Pac® brand family names and images are the intellectual property of PortionPac Chemical Corporation.
©2021 All rights reserved.

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/m3 (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m3	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m3

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	Values	Remarks • Method
pH	7 – 9	
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

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.
Hazardous Decomposition Products	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

ATEmix (oral)	4,960.00 mg/kg	**ATEmix (dermal)**	11,000.00 mg/kg	**ATEmix (inhalation-dust/mist)**	11,035.40 mg/L

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	EINECSELINCS	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

	Health hazards	Flammability	Instability	Special hazards
NFPA	1	0	0	N/A
	Health hazards	Flammability	Physical hazards	Personal Protection
HMIS	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