



Division of PortionPac Chemical Corp.

Issue Date 01-Jan-2009

SAFETY DATA SHEET

Revision Date 03-June-2014

Version 1

1. IDENTIFICATION

Product Identifier

Product Name SFSPac® Sanitizer

Other means of Identification

SDS # 1600-C

Product Codes SFS16, SFS17 & SFS18

Recommended use of the chemical and restrictions on use

Recommended Use 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

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Hazards not otherwise classified (HNOC) Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Appearance Transparent grey liquid, water-like consistency **Physical State** Liquid **Odor** Fresh odor

Ingredients listed below are considered to be non-hazardous according to OSHA 1910.1200:

water (CAS# 7732-18-5), benzalkonium chloride (CAS# 68424-85-1), didecyldimonium chloride (CAS# 7173-51-5).

Chemical Nature Sanitizers contain active agents to kill bacteria and viruses on contact. Even though they are not listed by OSHA et. al. as hazardous materials, safe handling procedures and common sense should be used in their use and handling.

4. FIRST AID MEASURES

First aid measures

Eye Contact Flush with plenty of water. After 5 minutes, remove any contact lenses, if present, and continue flushing for at least 15 minutes. Call doctor for treatment advice.

Skin (or hair) Contact Take off contaminated clothing. Rinse skin with plenty of water. Wash contaminated clothing before reuse.

Inhalation Remove to fresh air.

Ingestion Call doctor immediately for treatment advice. Do not induce vomiting. Drink plenty of water.

Note to physicians Probable mucosal damage may contraindicate the use of gastric lavage.

Most important symptoms and effects, both acute and delayed

Symptoms Prolonged contact with concentrate may cause painful stinging or burning of eyes and lids, watering of eye, conjunctivitis and opaqueness of cornea. Prolonged contact with concentrate on skin may cause irritation and defatting. If misted in concentrated form, which is improper use, can cause irritation of mucous membrane, nose, eyes, and throat. If concentrate is ingested in sufficiently large quantities, may experience gastrointestinal irritation, swelling of larynx and difficulty breathing. Small, unit dose pouch size would require the ingestion of multiple pouches to reach the dangerous level.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Dry chemical, CO ₂ or water spray.
Unsuitable Extinguishing Media	Not determined.
Specific hazards arising from the chemical	None known.
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 Foods contaminated by sanitizers should be discarded. Avoid contact with skin, eyes or clothing.

Conditions for safe storage, including any incompatibilities

Storage conditions Keep containers closed in a dry, cool and well-ventilated place. Do not store near heat or open flame.

Incompatible materials Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines****Appropriate engineering controls**

Engineering Controls None known.

Individual protection measures, such as personal protective equipment

Eye/face protection Not normally necessary in general use.

Skin and body protection Not normally necessary in general use. Concentrate is diluted into bottle, bucket or sink.

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. Discard food contaminated with sanitizer.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical State	Liquid		
Appearance	Transparent grey liquid, water-like consistency	Odor	Fresh odor
Color	Clear	Odor Threshold	Not determined.

Property	Values	Remarks • Method
pH	6.8 ± .2	
Melting point/freezing point	< -17.8 °C / <0 °F	
Boiling point/boiling range	101 °C / 214 °F	
Flash point	Not applicable.	
Evaporation rate	Much slower than 1.	(butyl acetate = 1)
Flammability (solid, gas)	Not applicable.	
Flammability Limits in Air		
Upper flammability limits	Not determined.	
Lower flammability limit	Not determined.	
Vapor pressure	19 mm Hg Vapor.	
Vapor density	Not determined.	
Specific Gravity	0.993	(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. Very long exposure to materials containing copper or aluminum.
Incompatible materials	Do not mix with oxidizers.
Hazardous Decomposition Products	If heated to decomposition, CO, CO ₂ & NO _x may be produced.

11. TOXICOLOGICAL INFORMATION

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

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 This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity - Product

Not determined.

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence and degradability	Not determined.
Bioaccumulation	Not determined.
Mobility	Not determined.
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 regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

International Inventories

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

US Federal Regulations

SARA 311/312 Hazard Categories

US State Regulations

U.S. State Right-to-know Regulations

U.S. EPA Label Information

EPA Reg. No. 10324-177-8722

EPA Est. No. 8722-IL-1_a, 86091-WI-1_b

16. OTHER INFORMATION

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

pH in working/use solution

Will reflect pH of dilution water.

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Revision Note New format

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