



# SAFETY DATA SHEET

Issue Date 01-June-2015

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** SFSPac® Bio-Cleaner

### Other means of Identification

**SDS #** 2200-C

**Synonyms** SFS70, SFS75

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

**Recommended Use** Biologically Enhanced Detergent

### 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 product 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. This SDS should be retained and available for employees and other users of this product.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Appearance** Pumpkin liquid

**Physical State** Liquid

**Odor** Fresh odor

**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), surfactant blend (proprietary), microbial complex (proprietary), sodium citrate (CAS# 68-04-02), diutan gum (CAS# 125005-87-0, 595585-15-2), trace fragrance added.

## 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. If eye irritation persists: Get medical advice.

#### Skin (or hair) Contact

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

#### Inhalation

Remove to fresh air.

#### Ingestion

Rinse mouth. Immediately drink plenty of water.

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

#### Symptoms

If misted in concentrated form, which is improper use, may cause mild eye irritation.

### 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

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.

### 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** Use personal protective equipment as described in Section 8.  
Keep out of reach of children.

### Conditions for safe storage, including any incompatibilities

**Storage conditions** Keep containers in a dry, cool and well-ventilated place.

**Incompatible materials** None known.

## 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 spray bottle or bucket.

**Respiratory protection** Not normally necessary in general use.

**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

|                       |                |                       |                |
|-----------------------|----------------|-----------------------|----------------|
| <b>Physical State</b> | Liquid         | <b>Odor</b>           | Fresh odor     |
| <b>Appearance</b>     | Pumpkin liquid | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Pumpkin        |                       |                |

| <u>Property</u>                     | <u>Values</u>       | <u>Remarks • Method</u> |
|-------------------------------------|---------------------|-------------------------|
| <b>pH</b>                           | 7.0                 |                         |
| <b>Melting point/freezing point</b> | Not determined.     |                         |
| <b>Boiling point/boiling range</b>  | Not determined.     |                         |
| <b>Flash point</b>                  | Not determined.     |                         |
| <b>Evaporation rate</b>             | Not determined.     | (butyl acetate = 1)     |
| <b>Flammability (solid, gas)</b>    | Not applicable.     |                         |
| <b>Flammability Limits in Air</b>   |                     |                         |
| <b>Upper flammability limits</b>    | Not determined.     |                         |
| <b>Lower flammability limit</b>     | Not determined.     |                         |
| <b>Vapor pressure</b>               | Not determined.     |                         |
| <b>Vapor density</b>                | Not determined.     |                         |
| <b>Specific Gravity</b>             | 1.003 g/mL          | (1=Water)               |
| <b>Water solubility</b>             | Completely soluble. |                         |
| <b>Solubility in other solvents</b> | Not determined.     |                         |
| <b>Partition coefficient</b>        | Not determined.     |                         |
| <b>Autoignition temperature</b>     | Not determined.     |                         |
| <b>Decomposition temperature</b>    | Not determined.     |                         |
| <b>Kinematic viscosity</b>          | Not determined.     |                         |
| <b>Dynamic viscosity</b>            | 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>                | None known.                                  |
| <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, inhalation or ingestion.

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

**Symptoms** Please see Section 4 for symptoms.

**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.

**Component Information**

| Chemical Name              | Algae/aquatic plants                            | Fish  | Toxicity to microorganisms | Crustacea                                  |
|----------------------------|---|---|----------------------------|--|
| Sodium Citrate<br>68-04-02 | 18000-32000:96h<br>Chlorella vulgaris mg/L EC50 | 18000-32000:96 h<br>Poecilia reticulata mg/L LC50 | ~                          | 5600-10000:48 h<br>Daphnia magna mg/L EC50 |

**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 applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

**DOT** Not regulated.

**IATA** Not regulated.

**IMDG** Not regulated.

**15. REGULATORY INFORMATION****International Inventories**

All ingredients are listed or exempt from listing on Chemical Substances Inventory.

**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.

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

This product does not contain any substances regulated under applicable state right to know regulations.

| 16. OTHER INFORMATION                |                     |   |                       |                            |
|--------------------------------------|---------------------|---|-----------------------|----------------------------|
| NFPA                                 | Health hazards<br>0 | Flammability<br>0                           | Instability<br>0      | Special hazards<br>N/A     |
| HMIS                                 | Health hazards<br>0 | Flammability<br>0                           | Physical hazards<br>0 | Personal protection<br>N/A |
| <u>pH in mopping solution</u><br>6.5 |                     | <u>pH in spray solution / bucket</u><br>6.8 |                       |                            |
| <b>Issue Date</b>                    | 01-June-2015        |   |                       |                            |

**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**