



SAFETY DATA SHEET

Revision Date 01-March-2017

Version 1

1. IDENTIFICATION

Product Identifier

Product Name SFSPac® Germicidal Cleaner

Other means of Identification

SDS # 0200-Concentrate

Product Code SFS20N

Registration Number 1839-215-8722

Recommended use of the chemical and restrictions on use

Recommended Use EPA Registered Germicidal Cleaner

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-% |
|--|------------|----------|
| didecyl dimethyl ammonium chloride | 7173-51-5 | 1-10% |
| alkyl dimethyl benzyl ammonium chloride (C12-16) | 68424-85-1 | <5% |
| ethyl alcohol | 64-17-5 | <5% |
| tetrasodium EDTA | 64-02-8 | <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), poly(oxy-1,2-ethanediyl), a-undecyl-w-hydroxy- (CAS# 34398-01-1), lactic acid (CAS# 79-33-4), free amines (proprietary), trisodium NTA (CAS# 5064-31-3), sodium hydroxide (CAS# 1310-73-2), ethylenediaminetriacetic acid, trisodium salt (CAS# 19019-43-3), trace fragrance and colorant 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. 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 Foods contaminated by germicides should be discarded and utensils, etc. should be rinsed with potable water before use. 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 Keep containers in a dry, cool and well-ventilated place. Do not store near heat or open flame.

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 | Red liquid | Odor | Fresh odor |
| Color | Red | Odor Threshold | Not determined |

| Property | Values | Remarks • Method |
|-----------------------------------|----------------------|-------------------------|
| pH | 6 – 8 | |
| Melting point/freezing point | Not determined. | |
| Boiling point/boiling range | Not determined. | |
| Flash point | > 200 °F (> 93.3 °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 |
|--|------------------------------------|-------------|--------------------------|
| didecyldimethylammonium chloride 7173-51-5 | = 84 mg/kg (Rat) | - | - |
| alkyl dimethyl benzyl ammonium chloride (C12-16) 68424-85-1 | = 426 mg/kg (Rat) | - | - |
| ethyl alcohol 64-17-5 | = 7060 mg/kg (Rat) | - | = 124.7 mg/L (Rat) 4 h |
| Tetrasodium EDTA 64-02-8 | = 1658 mg/kg (Rat) = 10 g/kg (Rat) | - | - |

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) 3.886.00 mg/kg ATEmix (inhalation-dust/mist) 5591.90 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 |
| tetrasodium EDTA 64-02-8 | 1.01: 72 h Desmodemus subspicatus mg/L EC50 | 59.8: 96 h Pimephales promelas mg/L LC50 static 41: 96 h Lepomis macrochirus mg/L LC50 static | 610: 24 h Daphnia magna mg/L EC50 |

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 | EINECELINCS | 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. 1839-215-8722

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. May be fatal if inhaled. Do not breathe spray mist. Harmful if swallowed or absorbed through skin. Wear goggles or face shield, rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

16. OTHER INFORMATION

| | | | | |
|-------------|----------------|--------------|------------------|---------------------|
| NFPA | Health hazards | Flammability | Instability | Special hazards |
| | 1 | 0 | 0 | N/A |
| HMIS | 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