

# SAFETY DATA SHEET

Revision Date 01-March-2017

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** PortionPac® Germicidal CleanerQ

### Other means of Identification

**SDS #** 0232-Concentrate

**Product Code** 232

**Registration Number** 1839-168-8722

### 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

### Classification

#### Product as sold

Skin corrosion/irritation Category 2

Serious eye damage/irritation Category 2

### Signal Word

#### Warning

### Hazard Statements

Causes skin irritation. Causes serious eye irritation.



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

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

#### 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 benzyl ammonium chloride (C12-16)	68424-85-1	<5%
ethyl alcohol	64-17-5	<1%
citric acid	77-92-9	<1%

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), octyl decyl dimethyl ammonium chloride (CAS# 32426-11-2), tetrasodium EDTA (CAS# 64-02-8), , didecyl dimethyl ammonium chloride (CAS# 7173-51-5), dioctyldimethylammonium chloride (CAS# 5538-94-3), poly(oxy-1,2-ethanediyl),alpha-undecyl-omega-hydroxy- (34398-01-1), free amine (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. If eye irritation persists: get medical advice.

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

**Inhalation** Remove to fresh air.

**Ingestion** Rinse mouth. 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 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** 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
citric acid	-	15 mg/ m3 (total)	-

**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  
**Color** Red  
**Odor** Fresh odor  
**Odor Threshold** Not determined

Property	Values	Remarks • Method
pH	6 – 7	
Melting point/freezing point	Not determined.	
Boiling point/boiling range	200 °F (93.33 °C)	
Flash point	> 201.0 °F (> 93.9 °C)	
Evaporation rate	Not determined.	
Flammability (solid, gas)	Not applicable.	
Flammability Limits in Air		

<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>	Not determined. (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>	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
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)	-	-
Citric acid 77-92-9	= 3 g/kg (Rat) = 3000 mg/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)** 39,083.00 mg/kg

**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	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 Desmodosmus 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
citric acid 77-92-9		1516: 96 h Lepomis macrochirus mg/L LC50 static	120: 72 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
citric acid 77-92-9	-1.72

**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	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
alkyl dimethyl benzyl ammonium chloride (C12-16)	X	X	X	Present	X	Present	X	X
decyldimethyloctylammonium Chloride	X	X	X		X	Present	X	
tetrasodium EDTA	X	X	X	Present	X	Present	X	X
didecyldimethylammonium chloride	X	X	X	Present	X	Present	X	X
N, N-dioctyl-N, N-dimethylammonium Chloride	X	X	X		X	Present	X	X
alcohol ethoxylate	X	X	X		X	Present	X	X
ethyl alcohol	X	X	X	Present	X	Present	X	X
citric acid	X	X	X	Present	X	Present	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. 1839-168-8722

**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 absorbed through the skin. Harmful if swallowed. Wear goggles or face shield, rubber gloves, and protective clothing. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

### 16. OTHER INFORMATION

	Health hazards	Flammability	Instability	Special hazards
NFPA	1	0	0	N/A
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**