

SAFETY DATA SHEET

Revision Date 01-March-2017

Version 1

1. IDENTIFICATION

Product Identifier

Product Name PortionPac® Germicidal Cleaner
Other means of Identification
SDS # 0200-Concentrate
Product Code 201N, 202N, 204N, 205N, 230N, 264N
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 burns and serious eye damage.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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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.
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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.
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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	Odor	Fresh odor
Appearance	Red liquid	Odor Threshold	Not determined
Color	Red		

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
didecyltrimethylammonium 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 Desmodesmus 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

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

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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