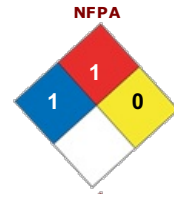


SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product Name: SSS-1284C - Buffer
Product Code: 0000
SDS Manufacturer Number: SSS
Product Description: Buffer for Sporidicin® Sterilizing and Disinfecting Solution
Manufacturer Name: Contec, Inc.
Address: 525 Locust Grove
Spartanburg, South Carolina 29303
USA

Website: www.contecinc.com
General Phone Number: +1-864-503-8333
Emergency Phone Number: Chemtrec® US: 1-800-424-9300 International: 1-703-527-3887
SDS Creation Date: April 01, 2015
SDS Revision Date: April 01, 2015
(M)SDS Format:



HMIS	
Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	X

SECTION 2 : HAZARD(S) IDENTIFICATION

GHS Pictograms:



Signal Word: WARNING!

GHS Class: Eye Irritant, Category 2.
 Germ cell mutagenicity, Category 2.
 Specific Target Organ Toxicity, Single Exposure Category 2
 Specific Target Organ Toxicity, Repeated Exposure Category 2

Hazard Statements: Causes eye irritation.
 Causes skin irritation.
 Suspected of causing genetic defects.
 May cause damage to organs.
 May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements: Wash hands thoroughly after handling.
 Wear eye protection.
 Do not eat, drink or smoke when using this product.
 Do not breath vapors, mist, or spray.
 Do not handle until all safety precautions have been read and understood.
 Obtain special instructions before use.
 Store locked up.
 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/attention.
 IF ON SKIN: Wash with plenty of water.
 If skin irritation occurs: Get medical advice/attention.
 Take off contaminated clothing and wash it before reuse.
 IF exposed or concerned: Get medical advice/attention.
 Dispose of contents/container in accordance with Local, State, Federal and Provincial regulations.

Emergency Overview: WARNING! Irritant.

Route of Exposure: Eyes. Skin. Inhalation. Ingestion.

Potential Health Effects:

Eye: May cause irritation.

Skin: May cause irritation.

Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.

Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Target Organs: Eyes. Skin. Respiratory system. Digestive system.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	EC Num.
Phenol	108-95-2	2.01 by weight	203-632-7

SECTION 4 : FIRST AID MEASURES

Eye Contact:	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/attention.
Skin Contact:	No effects anticipated If symptoms develop Wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
Inhalation:	No effects anticipated If symptoms persist, call a physician.
Ingestion:	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 : FIRE FIGHTING MEASURES

Flash Point:	212 °F (100°C)
Auto Ignition Temperature:	Not determined.
Lower Flammable/Explosive Limit:	Not determined.
Upper Flammable/Explosive Limit:	Not determined.
Fire Fighting Instructions:	Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.
Extinguishing Media:	Use dry chemical or foam when fighting fires involving this material. Water mist may be used to cool closed containers.
Protective Equipment:	In the event of a fire, wear Self-Contained Breathing Apparatus (SCBA), approved or in accordance to NFPA, NIOSH, and/or European Standard EN 137 guidelines or equivalent and full protective gear.
NFPA Ratings:	
NFPA Health:	1
NFPA Flammability:	1
NFPA Reactivity:	0


SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.
Environmental Precautions:	Avoid runoff into storm sewers, ditches, and waterways.
Methods for containment:	Contain spills with an inert absorbent material such as soil, sand or oil dry.
Methods for cleanup:	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section.

SECTION 7 : HANDLING and STORAGE

Handling:	No special handling procedures are required for this material.
Storage:	Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use. Do not store in temperatures above 49°C (120 °F) or below 9°C (48 °F).
Work Practices:	Handle in accordance with good industrial hygiene and safety practices.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.
Eye/Face Protection:	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.
PPE Pictograms:	

EXPOSURE GUIDELINES

Phenol:

Guideline ACGIH:	Skin: Yes. TLV-TWA: 5 ppm
Guideline OSHA:	PEL-TWA: 5 ppm Skin: Yes.

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance:	Liquid.
Odor:	Antiseptic like odor.
Boiling Point:	Not determined.
Melting Point:	Not determined.
Specific Gravity:	1.007 (H ₂ O = 1)
Solubility:	Not determined.
Vapor Density:	1.1 (Air=1.)
Vapor Pressure:	Not determined.
Percent Volatile:	Not determined.
Evaporation Rate:	Not determined.
pH:	Not determined.
Flash Point:	212 °F (100°C)
Auto Ignition Temperature:	Not determined.

SECTION 10 : STABILITY and REACTIVITY

Chemical Stability:	Stable under recommended handling and storage conditions.
Hazardous Polymerization:	Hazardous polymerization does not occur.
Conditions to Avoid:	Heat, flames, ignition sources, and sparks. Incompatible materials. Freezing or temperatures below 0°C (32°F).
Special Decomposition Products:	Thermal decomposition can lead to release irritant fumes and toxic gases.

SECTION 11 : TOXICOLOGICAL INFORMATION

Phenol:

Eye:	Administration into the eye - Rabbit Standard Draize test : 5 mg [Severe] Administration into the eye - Rabbit Rinsed with water : 5 mg/30S [Mild] (RTECS)
Skin:	Administration onto the skin - Rat LD50 - Lethal dose, 50 percent kill : 669 mg/kg [Behavioral - Tremor Kidney/Ureter/Bladder - Hematuria Skin and Appendages - Cutaneous sensitization, experimental (After topical exposure)] Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill : 630 mg/kg [Details of toxic effects not reported other than lethal dose value] Administration onto the skin - Rat LD50 - Lethal dose, 50 percent kill : 1500 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)
Inhalation:	Inhalation - Rat LC50 - Lethal concentration, 50 percent kill : 316 mg/m ³ [Details of toxic effects not reported other than lethal dose value] Inhalation - Rat LC50 - Lethal concentration, 50 percent kill : 316 mg/m ³ /4H [Details of toxic effects not reported other than lethal dose value] (RTECS)
Ingestion:	Oral - Rat LD50 - Lethal dose, 50 percent kill : 317 mg/kg [Behavioral - Convulsions or effect on seizure threshold] Oral - Rat LD50 - Lethal dose, 50 percent kill : 512 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity:	No environmental information found for this product.
Environmental Fate:	No environmental information found for this product.

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal:	Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 or the EU Directive 2008/98/EC on waste for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state, local, or provincial waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.
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SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name:	Not regulated as hazardous material for transportation.
DOT Hazard Class:	Not applicable.
DOT Packing Group:	Not applicable.
IATA Shipping Name:	Not regulated as hazardous material for transportation.
IATA Hazard Class:	Not applicable.
IATA Packing Group:	Not applicable.

IMDG UN Number : Not applicable.
IMDG Shipping Name : Not regulated as hazardous material for transportation.
IMDG Hazard Class : Not applicable.
IMDG Packing Group : Not applicable.
Marine Pollutant: No.

SECTION 15 : REGULATORY INFORMATION

California PROP 65: The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):
This product does not contain any Proposition 65 chemicals.

Canada WHMIS: Xi - Irritant.

Phenol:

TSCA Inventory Status: Listed

Section 302 EHS: EPCRA (SARA Title III) Section 302 (40 CFR Part 355) Extremely Hazardous Substances (EHS) Threshold Planning Quantity (TPQ) in pounds.: 500/10,000

Section 313: EPCRA - 40 CFR Part 372 - (SARA Title III) Section 313 Listed Chemical.

Canada DSL: Listed

EC Number: 203-632-7

SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

HMIS Health Hazard: 1
HMIS Fire Hazard: 1
HMIS Reactivity: 0
HMIS Personal Protection: X

SDS Creation Date: April 01, 2015
SDS Revision Date: April 01, 2015
SDS Format:

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