



SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product Name: SSS-1284C - Activated
Product Code: 0000
SDS Manufacturer Number: SSS
Product Description: Activated 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

NFPA

1
3 0

HMIS

Health Hazard	3
Fire Hazard	1
Reactivity	0
Personal Protection	X

SECTION 2 : HAZARD(S) IDENTIFICATION

GHS Pictograms:



Signal Word:

DANGER!

GHS Class:

Eye Damage, Category 1.
 Skin Irritant, Category 2.
 Respiratory and Skin Sensitizer Category 1
 Germ cell mutagenicity, Category 2.
 Specific Target Organ Toxicity, Single Exposure Category 2
 Specific Target Organ Toxicity, Repeated Exposure Category 2

Hazard Statements:

Causes serious eye damage.
 Causes skin irritation.
 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 May cause an allergic skin reaction.
 Suspected of causing genetic defects.
 May cause damage to organs.
 May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements:

Wear protective gloves/protective clothing/eye protection/face protection.
 Do not breathe dust/fume/gas/mist/vapours/spray.
 Wash hands thoroughly after handling.
 Obtain special instructions before use.
 Do not breath vapors, mist, or spray.
 Do not eat, drink or smoke when using this product.
 In case of inadequate ventilation wear respiratory protection.
 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
 Do not handle until all safety precautions have been read and understood.
 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 doctor/physician.
 IF ON SKIN: Wash with plenty of water.
 If skin irritation or rash occurs: Get medical advice/attention.
 Contaminated work clothing should not be allowed out of the workplace.
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 Call a POISON CENTER or doctor/physician if you feel unwell.
 Store locked up.
 Dispose of contents/container in accordance with Local, State, Federal and Provincial regulations.

Emergency Overview:

DANGER! Corrosive. Harmful if inhaled or swallowed. Sensitizer. Irritant.

Route of Exposure:	Eyes. Skin. Inhalation. Ingestion.
Potential Health Effects:	
Eye:	May cause severe irritation. Overexposure may cause lacrimation, conjunctivitis, corneal damage and permanent injury.
Skin:	Brief contact may cause slight irritation. Contact with skin can cause allergic reaction (sensitization) in some individuals. Inhalation of vapors may result in skin sensitization. In sensitized individuals, re-exposure to very small amounts of vapor, mist or liquid may cause a severe allergic skin reaction.
Inhalation:	Inhalation of vapors or mists from this product may cause headache, nausea and irritation to the eyes, skin and respiratory system. Individuals with pre-existing skin disorders, asthma, allergies or known sensitization may be more susceptible to the effects of this product.
Ingestion:	Harmful if swallowed. Corrosive to the gastrointestinal tract. Causes irritation, a burning sensation of the mouth, throat and gastrointestinal tract and abdominal pain. Pulmonary aspiration hazard if swallowed.
Target Organs:	Eyes. Skin. Respiratory system. Digestive system. Central nervous system.
Aggravation of Pre-Existing Conditions:	May aggravate pre-existing respiratory disorders, allergy, eczema, or skin conditions.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	EC Num.
Phenol	108-95-2	1.93 by weight	203-632-7
Glutaraldehyde	111-30-8	1.12 by weight	203-856-5

SECTION 4 : FIRST AID MEASURES

Eye Contact:	Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.
Skin Contact:	Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
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:	Not determined.
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:	Alcohol resistant foam, dry chemical, or water spray is recommended.
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.
Hazardous Combustion Byproducts:	Thermal decomposition products may include smoke and toxic fumes.

NFPA Ratings:

NFPA Health:	3
NFPA Flammability:	1
NFPA Reactivity:	0

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personnel 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:	Clean up spills immediately observing precautions in the protective equipment section.

SECTION 7 : HANDLING and STORAGE

Handling:	Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.
Storage:	Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, direct sunlight, and incompatible substances. Keep container tightly closed when not in use. Consult the technical data sheet to determine storage conditions related to warranty period (shelf life).
Hygiene Practices:	Wash thoroughly after handling.

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.
Skin Protection Description:	Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data.
Respiratory Protection:	Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Comply with the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149 Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
Other Protective:	Facilities storing or utilizing this material should be equipped with an eyewash and a deluge shower safety station.
PPE Pictograms:	

EXPOSURE GUIDELINES**Phenol:**

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

Glutaraldehyde:

Guideline ACGIH:	TLV-STEL: C 0.05 ppm Sensitizer.
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SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance:	Liquid.
Color:	Colorless.
Odor:	Antiseptic like odor.
Boiling Point:	Not determined.
Melting Point:	Not determined.
Specific Gravity:	1.007 (H ₂ O = 1) @20°C

Solubility:	100% @20°C in water.
Vapor Density:	1.1 (Air=1.)
Vapor Pressure:	0.20 mmHg @20°C (glutaraldehyde)
Evaporation Rate:	1.0 (n-Butyl Acetate = 1)
pH:	3.1 - 4.5
Coefficient of Water/Oil Distribution:	Not determined.
Flash Point:	Not determined.
Auto Ignition Temperature:	Not determined.
VOC Content:	Not determined.

SECTION 10 : STABILITY and REACTIVITY

Chemical Stability:	Stable under normal temperatures and pressures.
Hazardous Polymerization:	Not reported.
Conditions to Avoid:	Extreme heat, sparks, and open flame. Incompatible materials, oxidizers and oxidizing conditions.
Incompatible Materials:	Oxidizing agents. Strong acids and alkalis.

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/m3 [Details of toxic effects not reported other than lethal dose value] Inhalation - Rat LC50 - Lethal concentration, 50 percent kill : 316 mg/m3/4H [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)

Glutaraldehyde :

Eye:	Administration into the eye - Rabbit Standard Draize test: 1 mg [Severe] Administration into the eye - Rabbit Standard Draize test: 250 ug/24H [Severe] (RTECS)
Skin:	Administration onto the skin - Rat LD50 - Lethal dose, 50 percent kill: >2500 mg/kg [Skin and Appendages- Dermatitis, other(After systemic exposure)] Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill: 560 uL/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)
Inhalation:	Inhalation - Rat LC50 - Lethal concentration, 50 percent kill: 480 mg/m3/4H [Details of toxic effects not reported other than lethal dose value] (RTECS)
Ingestion:	Oral - Rat LD50 - Lethal dose, 50 percent kill: 134 mg/kg [Details of toxic effects not reported other than lethal dose value] Oral - Rat LD50 - Lethal dose, 50 percent kill: 140 mg/kg [Lungs, Thorax, or Respiration-Other changesLiver-Other changesKidney/Ureter/Bladder-Other changes] (RTECS)

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity:	No ecotoxicity data was found for the 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.

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 Shipping Name : Not regulated as hazardous material for transportation.

IMDG Hazard Class : Not applicable.

IMDG Packing Group : Not applicable.

SECTION 15 : REGULATORY INFORMATION

Section 311/312 Hazard Categories:

Acute Health Hazard.:	Yes.
Chronic Health Hazard:	No.
Risk of ignition.:	No.
Sudden Release of Pressure Hazard.:	No.
Reactive Hazard:	No.

Canada DSL: All component(s) comprising this product are either exempt or listed on the DSL.

Canada WHMIS: Controlled - Class E - Corrosive material.
Controlled - Class: D2B Toxic

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

Glutaraldehyde :

TSCA Inventory Status: Listed

Canada DSL: Listed

EC Number: 203-856-5

SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

HMIS Health Hazard: 3

HMIS Fire Hazard: 1

HMIS Reactivity: 0

HMIS Personal Protection: X

SDS Creation Date: April 01, 2015

SDS Revision Date: April 01, 2015

MSDS Author: Actio Corporation

Disclaimer: The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship.
The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

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