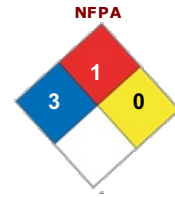


## SAFETY DATA SHEET

### SECTION 1 : IDENTIFICATION

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



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 Corrosion, Category 1.  
 Respiratory and Skin Sensitizer category 1  
 Acute Inhalation and Oral Toxicity Category 4  
 Hazardous to the aquatic environment, short term, acute category 1

**Hazard Statements:** Causes serious eye damage.  
 Causes severe skin burns and eye damage.  
 Harmful if swallowed.  
 Harmful if inhaled.  
 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 May cause an allergic skin reaction.  
 Very toxic to aquatic life.

**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.  
 Contaminated work clothing should not be allowed out of the workplace.  
 Avoid breathing dust/fume/gas/mist/vapours/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.  
 Use only outdoors or in a well-ventilated area.  
 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 (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 If skin irritation or rash occurs: Get medical advice/attention.  
 Wash contaminated clothing before reuse.  
 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.  
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
 Rinse mouth.  
 Avoid release to the environment.  
 Store locked up.  
 Collect spillage.  
 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:** Corrosive. Will cause eye burns, permanent tissue damage, and blindness. Vapor may cause eye irritation experienced as mild discomfort and redness.

**Skin:** Can cause skin irritation; itching, redness, rashes, hives, burning, and swelling. Prolonged skin contact causes burns. Symptoms may include pain, severe local redness, swelling, and tissue damage. Skin contact may result in allergic-type skin rash and hypersensitivity reactions. 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. May stain skin. May cause itching. May be absorbed through the skin in harmful amounts. Repeated skin contact may result in absorption of amounts which could cause death. May cause nausea or vomiting.

**Inhalation:** May cause severe respiratory system irritation. Vapor from heated material may cause serious adverse effects, even death. Individuals with pre-existing skin disorders, asthma, allergies or known

sensitization may be more susceptible to the effects of this product. Symptoms may include coughing, tightness, and discomfort in the chest, difficulty breathing and headaches.

<b>Ingestion:</b>	Harmful if swallowed. Corrosive to the gastrointestinal tract. Causes irritation, a burning sensation of the mouth, throat and gastrointestinal tract and abdominal pain. Oral toxicity of glutaraldehyde increases with dilution. Drinking water following ingestion of concentrated glutaraldehyde solutions can enhance the toxicity of glutaraldehyde. Swallowing may result in irritation or burns of the mouth, throat, and gastrointestinal tract, and may result in gastrointestinal irritation or ulceration. Excessive exposure may cause headache, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects, including death. Pulmonary aspiration hazard if swallowed.
<b>Chronic Health Effects:</b>	Prolonged skin contact may lead to burning associated with severe reddening, swelling, and possible tissue destruction.
<b>Target Organs:</b>	Eyes. Skin. Respiratory system. Digestive system. Central nervous system.
<b>Aggravation of Pre-Existing Conditions:</b>	May aggravate pre-existing respiratory disorders, allergy, eczema, or skin conditions.

### SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

<b>Chemical Name</b>	<b>CAS#</b>	<b>Ingredient Percent</b>	<b>EC Num.</b>
Glutaraldehyde	111-30-8	25 by weight	203-856-5

### SECTION 4 : FIRST AID MEASURES

<b>Eye Contact:</b>	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.
<b>Skin Contact:</b>	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.
<b>Inhalation:</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
<b>Ingestion:</b>	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

<b>Flash Point:</b>	Not determined.
<b>Auto Ignition Temperature:</b>	Not determined.
<b>Lower Flammable/Explosive Limit:</b>	Not determined.
<b>Upper Flammable/Explosive Limit:</b>	Not determined.
<b>Fire Fighting Instructions:</b>	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.
<b>Extinguishing Media:</b>	Alcohol resistant foam, dry chemical, or water spray is recommended.
<b>Protective Equipment:</b>	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.
<b>Hazardous Combustion Byproducts:</b>	Thermal decomposition products may include smoke and toxic fumes.
<b>NFPA Ratings:</b>	
NFPA Health:	3
NFPA Flammability:	1
NFPA Reactivity:	0

### SECTION 6 : ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.
<b>Environmental Precautions:</b>	Avoid runoff into storm sewers, ditches, and waterways.
<b>Methods for containment:</b>	Contain spills with an inert absorbent material such as soil, sand or oil dry.
<b>Methods for cleanup:</b>	Clean up spills immediately observing precautions in the protective equipment section.

### SECTION 7 : HANDLING and STORAGE

<b>Handling:</b>	Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.
<b>Storage:</b>	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).
<b>Hygiene Practices:</b>	Wash thoroughly after handling.

## SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

<b>Engineering Controls:</b>	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.
<b>Eye/Face Protection:</b>	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.
<b>Skin Protection Description:</b>	Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data.
<b>Respiratory Protection:</b>	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.
<b>Other Protective:</b>	Facilities storing or utilizing this material should be equipped with an eyewash and a deluge shower safety station.
<b>PPE Pictograms:</b>	



### EXPOSURE GUIDELINES

#### Glutaraldehyde:

Guideline ACGIH: TLV-STEL: C 0.05 ppm  
Sensitizer.

## SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

<b>Physical State Appearance:</b>	Liquid.
<b>Color:</b>	Colorless.
<b>Odor:</b>	Sharp, fruity, medicinal odor.
<b>Boiling Point:</b>	Approximately 100.5°C (213°F)
<b>Melting Point:</b>	Approximately -10°C (14°F)
<b>Specific Gravity:</b>	1.064 (H <sub>2</sub> O = 1) @20°C
<b>Solubility:</b>	100% @20°C in water.
<b>Vapor Density:</b>	0.8 (Air=1.)
<b>Vapor Pressure:</b>	0.20 mmHg @20°C (glutaraldehyde)
<b>Evaporation Rate:</b>	0.9 (n-Butyl Acetate = 1)
<b>pH:</b>	3.1 - 4.5
<b>Coefficient of Water/Oil Distribution:</b>	Not determined.
<b>Flash Point:</b>	Not determined.
<b>Auto Ignition Temperature:</b>	Not determined.
<b>VOC Content:</b>	Not determined.

## SECTION 10 : STABILITY and REACTIVITY

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

## SECTION 11 : TOXICOLOGICAL INFORMATION

#### Glutaraldehyde:

<b>Eye:</b>	Administration into the eye - Rabbit Standard Draize test: 1 mg [Severe] Administration into the eye - Rabbit Standard Draize test: 250 ug/24H [Severe] (RTECS)
<b>Skin:</b>	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)
<b>Inhalation:</b>	Inhalation - Rat LC50 - Lethal concentration, 50 percent kill: 480 mg/m <sup>3</sup> /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

**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  
SDS Author: Actio Corporation

Copyright© 1996-2015 Actio Corporation. All Rights Reserved.