

MATERIAL SAFETY DATA SHEET

SECTION 1 - SOURCE/IDENTITY/USE INFORMATION

MANUFACTURER

SUPPLIER

GC AMERICA INC.

3737 West 127th St.

Alsip, Illinois, 60803

Telephone: 708-597-0900

Hours: Mon.- Fri. 8:00 am. - 5:00 pm. C.S.T.

Transportation Emergency Telephone No. 800-424-9300

COMMON NAME: COECIDE XL Sterilizing Solution

Chemical Name: N.A.

PRODUCT USE: Sterilizing and disinfecting solution

The following information is provided with regard to the toxicity and hazards of the pure components present:

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT AND C.A.S.	EXPOSURE LIMITS		LD50/LC50	%
Glutaraldehyde (111-30-8)	PEL=0.2 ppm (ceiling) (OSHA)	TLV=0.2ppm (ceiling) (ACGIH)	LD50=2560mg/kg (rabbit dermal) LC50=5000ppm/4hr (rat inhalation)	2.5%
Sodium Nitrite (Rust inhibitor) (7632-00-0)	N.E.	N.E.	N.E.	<0.1%

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 100°C

SPECIFIC GRAVITY: (H₂O=1): 1.0006 @20°

VAPOR PRESSURE: (mm Hg): 2 KPA, 17 mm Hg

MELTING POINT: Aqueous solution

VAPOR DENSITY: (AIR=1): 0.63 EVAPORATION RATE: (Butyl Acetate=1): 0.84

SOLUBILITY IN WATER: 100% pH 3-4 unactivated, 7.5-8.5 activated

COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.

MELTING POINT: Aqueous solution

APPEARANCE AND COLOR: Clear unactivated; activated solution is bluish green and has a mild glutaraldehyde and mint odor.

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: N.A. FLAMMABLE LIMITS: N.A.
 Not flammable; aqueous solution

EXTINGUISHING MEDIA: If water is evaporated, material can burn. Use carbon dioxide or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: If exposed to vapors use respiratory equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N.E.

HAZARDOUS COMBUSTION PRODUCTS: N.A.

SECTION 5 - REACTIVITY DATA

STABILITY: STABLE: X UNSTABLE:
 POLYMERIZATION: N.A. WILL NOT OCCUR: WILL OCCUR:

CONDITIONS TO AVOID: Avoid high temperatures above 98°C. Avoid removal of water by artificially raising temperature.

INCOMPATIBILITY (MATERIALS TO AVOID): Acids and alkali

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N.E.

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

	YES	NO	NE	NA	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS:		X						
TERATOGENIC AFFECTS:		X						
REPRODUCTIVE TOXIN:		X						
CARCINOGENICITY:		X						
SENSITIZER:	X							

ROUTES OF ENTRY: INHALATION X SKIN X INGESTION X

HEALTH HAZARD: (ACUTE AND CHRONIC): Avoid skin contact. Repeated contact with skin may cause sensitization in some people, resulting in allergic contact dermatitis. Moderate to severe irritation to skin, eyes and mucous membranes. Low to mild irritation by inhalation. Toxic by ingestion.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: N.E.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION - continued

EMERGENCY FIRST AID PROCEDURES:

SKIN: Wash skin with soap and water.

EYES: Flush with water for 15 minutes.

Seek medical attention if irritation develops.

INGESTION: Do not induce vomiting. Give large amounts of water.

Seek medical help immediately if necessary.

INHALATION: Remove to fresh air.

Seek medical attention if breathing becomes difficult.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Ventilate area; wear gloves and protective eye gear. For small spills, wipe with sponge or mop down area with an equal mixture of household ammonia and water. Flush with large quantities of water. For large spills, use ammonium carbonate to neutralize glutaraldehyde. Collect or absorb liquid and discard it into a suitable container.

WASTE DISPOSAL METHOD: Discharge residual solution in drain. Flush with large quantities of water. Do not reuse empty container. Wrap container and put in trash.

STORAGE, HANDLING, AND SPECIAL PRECAUTIONS: Keep in cool place. Use in well ventilated area. Wear safety glasses. Gloves should be worn.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: None required. Use in ventilated area.

VENTILATION: LOCAL EXHAUST: Recommended.

MECHANICAL (General): N.A. SPECIAL: N.A. OTHER: N.A.

PROTECTIVE GLOVES: Yes

EYE PROTECTION: Goggles or full face mask

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash station. Wash contaminated clothing before reuse.

WORK/HYGIENIC PRACTICE: N.E.

SECTION 9- PREPARATION INFORMATION

This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910,1200 and W.H.M.I.S. CPR

PREPARED BY: T. Joritz
Director Regulatory Affairs

Date: 1 November 97

N.A. = NOT APPLICABLE
N.E. = NOT ESTABLISHED

The information herein is given in good faith but no warranty expressed or implied is made.

FIRE	0	TOXICITY	1	NFPA REACTIVITY	1	SPECIAL	-
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