

WAVICIDE-01

MATERIAL SAFETY DATA SHEET

Date Issue: April 9, 1996

The following information is believed to be correct but is not warranted as such, nor does it purport to be all inclusive.

Product Identification

Manufacturer's Name & Address:

Medical Chemical Corporation
19430 Van Ness Ave.
Torrance, CA 90501

Phone: 1-800-424-9394

Fax: (310) 787-4464

Product Name: WAVICIDE-01 (2.5% aqueous glutaraldehyde solution)
Product Code: 0104 (case of 4 gallons) Or 0112 (case of 12 quarts)
Product Description: A buffered aqueous solution of 2% glutaraldehyde

Health	3
Flammability	0
Reactivity	0
Physical Hazard	None

Section 1 - Shipping Data

DOT Shipping Name:*	not regulated	Tel. # for information:	(310) 829-4304
DOT Hazard Class:	N/A	Emergency Tel. #:	(800) 424-9300
DOT Identification:	N/A	Prepared by:	P.B.

Section 2 - Hazardous Ingredients / Identity Information

WAVICIDE-01 contains the following hazardous ingredients at concentrations greater than 1.0%

CHEMICAL COMPONENTS	CAS#	%w/v	OSHA PEL	ACGIH TLV
Glutaraldehyde (active ingredient)	111-30-8	2.5	0.2 ppm	0.05 ppm

Section 3 - Physical / Chemical Characteristics

Boiling Point:	212° F	Specific Gravity (H₂O = 1):	1.01
Vapor Pressure (mm Hg and Temperature):	16.9 MM HG @ 20°C	Evaporation Rate (H₂O = 1):	0.81
Vapor Density (AIR=1):	0.64	Solubility in Water:	100%
Appearance and Odor: Clear, slightly yellowish solution. Characteristic odor of aldehyde and lemon scent			

Section 4 - Fire and explosion Hazard Data

Flash Point (Method Used): Not Applicable **Flammability Limits:** Not Applicable
Extinguishing Media: Dry chemical, carbon dioxide or alcohol type foam.
Special Fire Fighting Procedures: Use self-contained breathing apparatus and full protective clothing.
Unusual Fire and Explosive Hazards: Pyrolysis will release toxic compounds such as carbon monoxide.

Section 5 - Reactivity Data

Stability: Stable **Conditions to Avoid:** Heat
Incompatibility (Materials to Avoid): Alkalies catalyses an aldol type exothermic condensation, but is not considered hazardous.
Precautions to be taken in Handling and Storage: Store at room temperature.

Section 6 - Health Hazard Data

Routes of Entry	Inhalation?	Skin Absorption?	Ingestion?
	yes	yes	yes
Carcinogenicity?	NTP?	IARC Monographs?	OSHA Regulated?
no	no	no	no

Health Hazards (Acute and Chronic): Inhalation can lead to congestion, coughing and shortness of breath. Ingestion may cause nausea, vomiting, general systemic illness. Eye contact with liquid causes irritation. Skin contact can cause sensitization and yellowing.

Signs and Symptoms of Exposure: An allergen in sensitive individuals. Some people are sensitized by repeated exposure.

Medical Conditions Generally Aggravated by Exposure: Preexisting skin, eye and respiratory conditions may be aggravated.

Emergency and First Aid Procedures:

Seek medical assistance for further treatment, observation and support if necessary.

Eye Contact: Flush with water for at least 15 minutes and get medical attention if irritation persists.

Skin contact: Remove contaminated clothing and flush skin with water. Get medical attention if irritation persists.

Ingestion: Do not induce vomiting. Get immediate medical attention.

Section 7 - Precautions For Safe Handling and Use

Steps to be Taken In Case of Spill Or Release: Absorb with a suitable absorbent (such as paper towels) and dispose.

Waste Disposal Methods: Solutions with less than 10 ppm glutaraldehyde may be flushed down sewer with excess water. Incineration is the preferred method of disposal. Insure compliance with all government regulations

Section 8- Control Measures

Respiratory Protection (Specify Type): A MSHA/NIOSH respirator approved for aldehydes is recommended.

Ventilation: Use local mechanical exhaust such as a chemical fume hood

Protective Gloves: Use rubber or plastic gloves that are impervious to aldehydes

Eye Protection: Laboratory safety goggles or similar products are recommended as part of good laboratory practice

Other Protective Clothing And Equipment: Use chemical resistant clothing

Hygienic Work Practices: Wash well after handling, especially before eating and smoking.