

# Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

# U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

## Hydrocide Germicide & Disinfectant

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

## Section I

Manufacturer's Name Hydrox Laboratories	Emergency Telephone Number 800-255-3924
Address (Number, Street, City, State, and ZIP Code) 825-B Tollgate Road Elgin, IL 60123	Telephone Number for Information 847-468-9400
	Date Revised 6/05/07
	Signature of Preparer (optional)

## Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
BTC 2125 M Alkyl Dimethyl Benzyl Ammonium Chloride/ Alkyl Dimethyl Ethyl Benzeyl Ammonium Chloride Solution				
Donatured Ethyl Alcohol (CAS 3-64-17-5)  1989 OSHA      1989/90 ACGIH Values given are for pure Ethanol	3%	+1000 ppm	+1000 ppm	
<u>NFPA Ratings</u>  Reactivity:      2 Health:          2 Flammability:    1				

## Section III - Physical/Chemical Characteristics

Boiling Point	100° C	Specific Gravity (H <sub>2</sub> O = 1)	1.0
Vapor Pressure (mm Hg.)		Melting Point	--
Vapor Density (AIR = 1)	Not Known	Evaporation Rate (Butyl Acetate = 1)	Not Known
Solubility in Water	Completely miscible in water.		
Appearance and Odor	Almond Odor, - Green color, with a mild odor (Almond)		

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits	LEL	UEL
Extinguishing Media	Dry, Alcohol Foam      CO <sub>2</sub> water		
Special Fire Fighting Procedures	Must wear MSHA/NIOSH approved self-contained breathing apparatus & protective clothing. Cool fire-exposed containers with water spray.		
Unusual Fire and Explosion Hazards	Products of combustion are toxic. Heated solvent vapors can react to an ignition source and flash back. Explosive mixtures can form with air.		

## Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	None Known
Incompatibility ( <i>Materials to Avoid</i> )	Oxidizing or reducing agents.		

Hazardous Decomposition or Byproducts Thermal decomposition may produce toxic fumes.			
Hazardous Polymerization	May Occur		Conditions to Avoid None Known.
	Will Not Occur	X	

## Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? X	Skin? X	Ingestion?	Eyes? X
Health Hazards ( <i>Acute and Chronic</i> )				
Carcinogenicity:	NTP? NONE	IARC Monographs? NONE	OSHA Regulated? NONE	
Signs and Symptoms of Exposure Irritating, nausea, if swallowed - consult physician immediately.				
Medical Conditions Generally Aggravated by Exposure None.				
Emergency and First Aid Procedures Eyes: Flush with large amounts of running water and get immediate medical attention.				

## Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled. Corrosive material - remove all sources of ignition. Triple rinse.	
Waste Disposal Method	Incineration is the preferred method.
Precautions To Be Taken in Handling and Storing Keep bottles closed.	

Other Precautions

## Section VIII - Control Measures

Respiratory Protection (*Specify Type*)

Ventilation	Local Exhaust X	Special
	Mechanical ( <i>General</i> ) X	Other
Protective Gloves Rubber or neoprene with needed.		Eye Protection Chemical goggles.

Other Protective Clothing or Equipment

Eye wash: Long coveralls - when needed to prevent skin contact.

Work/Hygienic Practices

Handle carefully, avoid spilling.

Disclaimer:

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