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Note: The CHEMTREC phone number is only for emergencies involving spills, leaks, fire, exposure or accident. Please direct all other inquiries to our customer service phone number.

### Section I - Product Identification

A quaternary amine based spray disinfectant.

### Section II - Hazards Identification

*Overview:* May be harmful if swallowed. May be irritating to skin eyes and respiratory tract.

#### Safety Ratings

*Health:* Slight *Flammability:* Very slight *Reactivity:* None *Contact:* Slight

Recommended safety equipment: safety goggles, lab coat and proper gloves

Storage: General storage

NFPA Ratings

Health = 1 Flammability = 1 Reactivity = 0



#### Potential Health Effects

The toxicology of this compound have not been completely examined. It is presumed that the toxicity of this item is similar to other glycol ethers and quaternary ammonium compounds.

*Inhalation:* May be irritating to nose throat and upper respiratory tract. The vapor pressure is such that exposure via inhalation is not probable.

*Ingestion:* While the toxicity of this compound is low, large doses may cause nausea, vomiting, diarrhea, etc.

*Skin contact:* Not normally a problem but may cause skin irritation.

*Eye contact:* May be irritating.

*Chronic Exposure:* Unknown.

*Aggravation of preexisting conditions:* Unknown.

### Section III - Composition/Information on Components

Ingredients	CAS#	OSHA Pel	ACGIH TLV	Other Limits	%
BTC2125M	_____	_____	_____		0.22%
Diethylene glycol monobutyl Ether	112-34-5	_____	_____		8% w/v
Tetrasodium EDTA	64.02-8	_____	_____		1.6%

### Section IV - First Aid Measures

*Inhalation:* Remove from source of exposure and get medical attention for any breathing difficulty.

*Ingestion:* Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if ingestion involves a significant amount.

*Skin Contact:* Wash affected area with soap and water. Get medical advice if irritation develops.

*Eye Contact:* Rinse thoroughly with running water. Get medical advice if irritation develops.

*Notes to Physician:* In case of ingestion, probable mucosal damage may contraindicate the use of gastric lavage.

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## Section V - Fire Fighting Measures

*Flash point:* 94°C (201°F).

*Fire:* Not normally a fire Hazard.

*Explosion:* Not Normally an explosion hazards.

*Fire Extinguishing Media:* Any means suitable for surrounding fire.

*Special information:* Pyrolysis will release corrosive oxides.

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## Section VI - Accidental Release Measures

Absorb with a suitable absorbent (such as paper towels) and store in a suitable container for disposal.

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## Section VII - Handling and Storage

Store in a closed container, protected from freezing.

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## Section VIII - Exposure Control/Personal Protection

*Airborne Exposure Limits:* See section III.

*Ventilation System:* Usually not required. When required, Refer to the ACGIH document, "Industrial Ventilation, a Manual of Recommended Practices" for details about ventilation.

*Personal Respirator:* Usually not required.

*Skin protection:* Protective gloves are not required but recommended as part of good laboratory practice.

*Eye Protection:* Laboratory safety goggles or similar products are not required but recommended as part of good laboratory practice.

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## Section IX - Physical and Chemical Properties

*Boiling Point:* 100°C

*Vapor pressure (mm Hg):* 18 @ 20°C

*Vapor Density (air = 1):* 0.6

*pH:* 11.7

*Density:* About 1.01 g/ml

*Evaporation Rate (water = 1):* 1

*Solubility:* Infinitely miscible with water

*Appearance and Odor:* A clear colorless liquid.

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## Section X - Stability and Reactivity

*Stability:* Freezes at low temperature.

*Hazardous Decomposition Products:* Nothing unusual.

*Hazardous polymerization:* Will not occur.

*Incompatibilities:* Nothing unusual.

*Conditions to avoid:* Excessive cold/heat and light.

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## Section XI - Toxicological Information

Not hazardous under normal conditions

Cancer lists

<u>Ingredient</u>	<u>Known Carcinogenicity?</u>	<u>NTP?</u>	<u>Anticipated?</u>	<u>IARC Category</u>
BTC2125M	no	no	no	none
DGME	no	no	no	none
Tetrasodium EDTA	no	no	no	none

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## Section XII - Ecological Information

*Environmental Fate:* Unknown.

*Environmental Toxicity:* Toxic to fish and other aquatic organisms.

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**Section XIII - Disposal Considerations**

Triple rinse the container and dispose in a sanitary landfill or incinerate. Do not reuse empty container. Local governments may restrict the amounts of quaternary amine compounds that may be flushed down drain. Insure compliance with all government regulation

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**Section XIV - Transportation Information**

Not regulated.

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**Section XV - Regulatory Information****Chemical Inventory Status**

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<u>Ingredient</u>	<u>TSCA</u>	<u>EC</u>
BTC2125M	Yes	Yes
DGME	Yes	Yes
Tetrasodium EDTA	Yes	Yes

**Federal, State and International Regulations**

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<u>Ingredient</u>	<u>SARA 302</u>		<u>SARA 313</u>		<u>RCRA</u>	<u>TSCA</u>	
	<u>RQ</u>	<u>TPQ</u>	<u>List</u>	<u>Category</u>	<u>261.33</u>	<u>8(D)</u>	<u>Ca. Prop 65</u>
BTC2125M	No	No	No	No	No	No	No
DGME	No	No	No	No	No	No	No
Tetrasodium EDTA	No	No	No	No	No	No	No

Chemical Weapons Convention: No TSCA 12(b): No CDTA: No

SARA 311/312: Acute: No, Chronic: No

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**Section XVI - Other Information**

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

Revision Date: May 11, 2015