



Medical chemical Corp.  
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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 1 - Product Identification

An aqueous quaternary amine germicidal solution.

### Section II - Composition/Information on Components

Ingredients	CAS#	OSHA Pel	ACGIH TLV	Other Limits	%
BTC 8358	68424-85-1	—	—		0.13% w/v
sodium carbonate	417-19-8	—	—		0.42% w/v
sodium nitrite	7632-00-0	—	—		0.23% w/v

### Section III - Hazards Identification

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

#### Safety Ratings

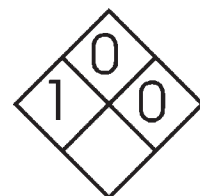
Health: Slight      Flammability: None      Reactivity: None      Contact: Slight

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

Storage: General storage

NFPA Ratings

Health = 1      Flammability = 0      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 quaternary ammonium compounds.

*Inhalation:* Unlikely to be a problem. May be irritating

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

*Skin contact:* Not normally a problem

*Eye contact:* May be irritating

*Chronic Exposure:* Unknown

*Aggravation of preexisting conditions:* Unknown

### Section IV - First Aid Measures

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

*Ingestion:* If the victim is conscious, induce vomiting. Never give anything by mouth to an unconscious person.

*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.

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## Section V - Fire Fighting Measures

*Flash point:* Not applicable.

*Flammable Limits:* Not applicable.

*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. Waste disposal is usually not restricted but local ordinances vary. Insure compliance with all government regulations.

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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 II

*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. In case of emergency, or when exposure levels are unknown, use a positive pressure, full face piece, air supplied respirator.

*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

*Appearance and Odor:* A clear pink solution with the characteristic odor of a quaternary ammonium compound.

*Density:* About 1.0 g/ml

*Evaporation Rate (water = 1):* 1

*Solubility:* Infinitely miscible with water

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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

Cancer lists

Ingredient	Known Carcinogenicity?	NTP?	Anticipated?	IARC Category
BTC 8358	No	No	No	None
Sodium Carbonate	No	No	No	None
Sodium Nitrite	No	No	No	None

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**Section XII - Ecological Information**

Environmental Fate: Biodegradable  
Environmental Toxicity: None expected

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**Section XIII - Disposal**

Usually not restricted but local governments have ultimate authority. 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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Ingredient	TSCA	EC
BTC 8358	Yes	Yes
Sodium Carbonate	Yes	Yes
Sodium Nitrite	Yes	Yes

**Federal, State and International Regulations**

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Ingredient	SARA 302		SARA 313		RCRA	TSCA
	RQ	TPQ	List	Category	261.33	8(D)
BTC 8358	No	No	No	No	No	No
Sodium Carbonate	No	No	No	No	No	No
Sodium Nitrite	No	No	No	No	No	No

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

SARA 311/312: Acute: No, Chronic: No, Fire: No, Pressure: 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: Feb: 15, 2006