

# SDS for Med-Chem Germicidal Solution Catalog # 142A

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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

An aqueous germicidal solution. The active ingredient is a quaternary amine. The pH is between 9.5 and 10.

#### **Section II - 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

# 100

#### **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 III - Composition/Information on Components

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

# **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.

#### **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.

## Section VI - Accidental Release Measures

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

#### Section VII - Handling and Storage

Store in a closed container, protected from freezing.

### 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.

## Section IX - Physical and Chemical Properties

Boiling Point: 100 °C Density: About 1.0 g/ml Vapor pressure (mm Hg): 18 @ 20 °C Evaporation Rate (water = 1): 1 Vapor Density (air = 1): 0.6

Solubility: Infinitely miscible with water

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

## 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.

#### Section XI - Toxicological Information

None relating to normal usage.

Cancer lists

<u>Ingredient</u>	Known Carcinogenicity?	NTP?	Anticipated?	IARC Category
BTC 8358	No	No	No	None
Sodium Carbonate	No	No	No	None
Sodium Nitrite	No	No	No	None

#### **Section XII - Ecological Information**

Environmental Fate: Biodegradable **Environmental Toxicity: None expected** 

# **Section XIII - Disposal Considerations**

Usually not restricted but local governments have the authority to restrict the drain disposal of anything. Insure compliance with all government regulations.

# Section XIV - Transportation information

Not regulated.

# **Section XV - Regulatory Information**

# **Chemical Inventory Status**

<u>TSCA</u>	<u>EC</u>
Yes	Yes
Yes	Yes
Yes	Yes
	Yes Yes

# Federal, State and International Regulations

	SARA 302		<b>SARA 313</b>		<u>RCRA</u>	<b>TSCA</b>	
<u>Ingredient</u>	<u>RQ</u>	<u>TPQ</u>	<u>List</u>	Category	<u>261.33</u>	<u>8(D)</u>	Ca. Prop 65
BTC 8358	No	No	No	No	No	No	No
Sodium Carbonate	No	No	No	No	No	No	No
Sodium Nitrite	No	No	No	No	No	No	No
Chemical Weapons Convention: No.		TSCA	12(h): No	CDTA: No			

Chemical Weapons Convention: No TSCA 12(b): No CDTA: No SARA 311/312: Acute: No, Chronic: No, Fire: No, Pressure: No

## **Section XVI - Other Information**

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

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