

Medical Chemical Corp.  
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Customer Service: Phone (310)787-6800, (800)424-9394  
FAX (310)787-4464

CHEMTREC Emergency Response Telephone Number: (800)424-9300

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 acidified aqueous solution of basic fuchsin, sodium bisulfite and sodium metabisulfite.

### Section II - Hazards Identification

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

#### Safety Ratings

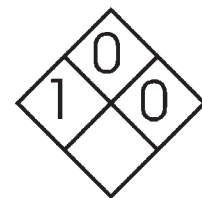
Health: Slight Flammability: None Reactivity: None Contact: Slight

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 has not been completely examined. It is presumed that the toxicity of this item is similar to other compounds that release sulfur dioxide.

*Inhalation:* May be irritating. Produces asthma like symptoms in sensitive individuals.

*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	%
Sodium Bisulfite	7631-90-5	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	0.87 - 1.485% w/v
Sodium Metabisulfite	7681-57-4	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	0.015 - 0.63% w/v
Hydrochloric Acid	7647-01-0	5 ppm (Ceiling)	2 ppm (Ceiling)	1.2% w/v
Basic fuchsin	569-61-9	-----	-----	0.5% 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. Get Immediate Medical Attention.

*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.

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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

*Appearance and Odor:* A clear colorless liquid with the odor of sodium dioxide.

*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:* Decomposes to produce sulfur dioxide.

*Hazardous polymerization:* Will not occur.

*Incompatibilities:* Nothing unusual.

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

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## Section XI - Toxicological Information

None relating to normal exposure.

Cancer lists

<u>Ingredient</u>	<u>Known Carcinogenicity?</u>	<u>Anticipated?</u>	<u>IARC Category</u>
Sodium Bisulfite	No	No	3
Sodium Metabisulfite	No	No	3
Hydrochloric Acid	No	No	3
Basic Fuchsin	No	No	None

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## Section XII - Ecological Information

*Environmental Fate:* Biodegradable.

*Environmental Toxicity:* None.

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**Section XIII - Disposal Considerations**

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

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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>
Basic Fuchsin	Yes	Yes
Hydrochloric Acid	Yes	Yes
Sodium Bisulfite	Yes	Yes
Sodium Metabisulfite	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>Ca. Prop 65</u>
	<u>RQ</u>	<u>TPQ</u>	<u>List</u>	<u>Category</u>	<u>261.33</u>	<u>8(D)</u>	
Sodium Bisulfite	No	No	No	No	No	Yes	No
Sodium Metabisulfite	No	No	No	No	No	Yes	No
Hydrochloric Acid	5000	500	Yes	No	No	No	No
Basic Fuchsin	No	No	No	No	No	No	No
Chemical Weapons Convention: No TSCA 12(b): No CDTA: No							
SARA 311/312: Acute: Yes, Chronic: No, Fire: 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: Apr. 15, 2015