



Medical Chemical Corp.  
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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

A solution of various salts and phenol red in an agar/water gel.

### Section II - Hazards Identification

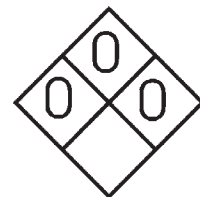
Overview: May be harmful if swallowed.

#### Safety Ratings

Health: None Flammability: None Reactivity: None Contact: None  
Recommended safety equipment: safety goggles, lab coat and proper gloves  
Storage: General storage at controlled room temperature, 15 - 30°C (59oC - 86°F)

#### NFPA Ratings

Health = 0 Flammability = 0 Reactivity = 0



#### Potential Health Effects

The manufacturer is unaware of any health concerns associated with this product..

*Inhalation:* Not likely to be a problem.

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

*Skin contact:* Not likely to be a problem.

*Eye contact:* Not likely to be a problem.

*Chronic Exposure:* Unknown

*Aggravation of preexisting conditions:* Unknown

### Section III - Composition/Information on Components

Ingredients	CAS#	OSHA Pel	ACGIH TLV	Other Limits	%
agar	9002-18-0	-----	-----		0.15% w/v
sodium thioglycolate	367-51-1	-----	-----		0.15% w/v
disodium phosphate	7558-79-4	-----	-----		0.11% w/v
calcium chloride	10043-52-4	-----	-----		0.009% w/v
phenol red	143-74-8	-----	-----		0.0024% w/v

### Section IV - First Aid Measures

*Inhalation:* Not likely to be a problem.

*Ingestion:* Never give anything by mouth to an unconscious person. Get medical advice

*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.

*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. 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 red gel with the odor of thioglycolate.

*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

None relating to normal exposure.

Cancer lists: The manufacturer is unaware of any issues regarding this product.

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## Section XII - Ecological Information

Environmental Fate: Biodegradable

Environmental Toxicity: None

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## Section XIII - Disposal Considerations

Not usually restricted but local governments have wide latitude in setting limits on drain disposal of anything. 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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The manufacturer is unaware of any issues affecting this product.

**Federal, State and International Regulations**

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The manufacturer is unaware of any issues affecting this product.

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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 22, 2013