



Medical chemical Corp.
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Customer Service: Phone (310)787-6800
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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 1 - Product Identification

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

Section II - Composition/Information on Components

<i>Ingredients</i>	<i>CAS#</i>	<i>OSHA Pel</i>	<i>ACGIH TLV</i>	<i>Other Limits</i>	<i>%</i>
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 III - Hazards Identification

Overview: May be harmful if swallowed.

Safety Ratings

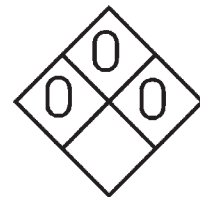
Health: None *Flammability:* None *Reactivity:* None *Contact:* None

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

Storage: General storage at controlled room temperature, 15 - 30°C (59°C - 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 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.

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.

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.

Section VII - Handling and Storage

Store in a closed container, protected from freezing.

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.

Section IX - Physical and Chemical Properties

<i>Boiling Point:</i> 100°C	<i>Density:</i> About 1.0 g/ml
<i>Vapor pressure</i> (mm Hg): 18 @ 20°C	<i>Evaporation Rate</i> (water = 1): 1
<i>Vapor Density</i> (air = 1): 0.6	<i>Solubility:</i> Infinitely miscible with water
<i>Appearance and Odor:</i> A clear red gel with the odor of thioglycolate.	

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

Section XII - Ecological Information

Environmental Fate: Biodegradable
Environmental Toxicity: None

Section XIII - Disposal

Not usually restricted but local governments have wide latitude in setting limits on drain disposal of anything. Insure compliance with all government regulations.

Section XIV - Transportation information

Not regulated

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

The manufacturer is unaware of any issues affecting this product.

Federal, State and International Regulations

The manufacturer is unaware of any issues affecting this product.

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.
Prepared by: P. B. Revision Date: Feb. 24, 2006