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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

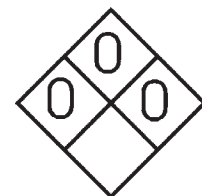
A solution of various salts and phenol red in an agar/water gel.

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°C - 30°C (59°F - 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 II - 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.

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.

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. 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

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

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 Considerations

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 warranted as such, nor does it purport to be all inclusive.

Revision Date: Apr. 29, 2015