Medical Chemical Corp.
19430 Van Ness Ave.
Torrance, CA 90501
Customer Service: Phone (310)787-6800
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
A solution of various salts and phenol red in an agar/water gel.

Section II - Hazards Identification
Overview: May be harmful if swallowed.

<table>
<thead>
<tr>
<th>Safety Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health: None</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS#</th>
<th>OSHA Pel</th>
<th>ACGIH TLV</th>
<th>Other Limits</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agar</td>
<td>9002-18-0</td>
<td>--------</td>
<td>--------</td>
<td>-------------</td>
<td>0.15% w/v</td>
</tr>
<tr>
<td>Sodium thioglycolate</td>
<td>367-51-1</td>
<td>--------</td>
<td>--------</td>
<td>-------------</td>
<td>0.15% w/v</td>
</tr>
<tr>
<td>Disodium phosphate</td>
<td>7558-79-4</td>
<td>--------</td>
<td>--------</td>
<td>-------------</td>
<td>0.11% w/v</td>
</tr>
<tr>
<td>Calcium chloride</td>
<td>10043-52-4</td>
<td>--------</td>
<td>--------</td>
<td>-------------</td>
<td>0.009% w/v</td>
</tr>
<tr>
<td>Phenol red</td>
<td>143-74-8</td>
<td>--------</td>
<td>--------</td>
<td>-------------</td>
<td>0.0024% w/v</td>
</tr>
</tbody>
</table>

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 hazard.
*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 ºC
*Vapor pressure (mm Hg):* 18 @ 20 ºC
*Vapor Density (air = 1):* 0.6

Density: About 1.0 g/ml
Evaporation Rate (water = 1): 1
Solubility: Infinitely miscible with water

Appearance and Odor: 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 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: Jan. 19, 2018