MATERIAL SAFETY DATA SHEET

SUPPLIER: MILLER CHEMICAL & FERTZ, CORP.
(717) 632-8921
EMERGENCY PHONE: (717) 637-4422

PROPER NAME AND CLASSIFICATION: Calcium Polysulfide

Chemical Name & Synonyms
Calcium Polysulfide
Trade Name & Synonyms
Lime Sulfur, Liver of Sulphur

Chemical Family
Polysulfide

TYPICAL PROPERTIES:

Physical Form: Liquid
Vapor Pres. (22°C) mm Hg*
Lbs./Gal. (68°F) 10.7
Vapor Density (Air-1) *Methylene Chloride

Odor: Rotten Eggs
Color: Orange
Boiling Pt. °F: 200°F
Specific Grav. (20°C): 1.28
Solubility in Water: Miscible
Ph: 10.6

HAZARD CLASSIFICATION:

FIRE 1 TOXICITY 3 ODOR 1 REACTIVITY 2 CORROSIVENESS

Hazard Rating Code: 0 - None, 1-Slight, 2-Moderate, 3-High, U-Unknown

FIRE & EXPLOSION HAZARD DATA

Flash Point (Method Used) Flammable Limits (% by weight) Lel Vel
Non-Combustible
Extinguishing Media
Special Fire Fighting Procedures
Unusual Fire & Explosion Hazards

HEALTH HAZARD DATA

Threshold Limit Value Toxicity (Species)
Oral LD50 Dermal LD50 Inhalation LC50

Effects of Overexposure: Irritating to eyes, nose and skin. A burning tendency when contact is made with the skin, also a discoloring effect. Nausea can be experienced due to offensive odor.

Emergency & First Aid Procedures
For odor exposure remove patient to fresh air area - in case of contact, wash exposed areas with water.

Lose for page 2, please
### Reactivity Data

<table>
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<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Conditions to Avoid</th>
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</thead>
<tbody>
<tr>
<td>Very Stable</td>
<td>Stable</td>
<td></td>
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</tbody>
</table>

**Incompatibility (Materials to Avoid):**
- Decomposed by acids

**Hazardous Decomposition Products:**
- None Known

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Will Not Occur</td>
<td></td>
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**Spill or Leak Procedures:**
Steps to be taken in case material is released or spilled

- Wash immediately with generous amount of water.

**Waste Disposal Method**
- Bury sweepings and wash area with water
- Container Disposal Method
- Bury containers in acceptable disposal area

**Special Protection Information:**
- Respiratory Protection (Specify Type)
- Self contained respirators recommended
- Protective Gloves
- Eye Protection
- Rubber
- Goggles of general safety type
- Other Protective Equipment
- None Required

**Special Precautions:**
- Precautions to be taken in handling and storing
- No special precaution required. Avoid breathing material and contact in case of spillage.
- Other Precautions

**Note:** Under no circumstances should personnel enter confined spaces, particularly storage tanks, without self contained breathing apparatus.
Liver of Sulphur

In response to your recent request...enclosed is a Material Safety Data Sheet for our "H-57 Liver of Sulphur".

Also, the following is a list of its' ingredients:

- Calcium Polysulfide  29-31%
- Calcium Thiosulfate    4-5%
- Baume' reading at 60 degrees F  32 degrees
- Sulfur      26-30%
- Calcium     6-10%

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