

MATERIAL SAFETY DATA SHEET

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SUPPLIER: MILLER CHEMICAL & FERTZ, CORP.

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PROPER NAME AND CLASSIFICATION Calcium Polysulfide

Chemical Name & Synonyms

Calcium Polysulfide

Chemical Family

Polysulfide

Trade Name & Synonyms

Lime Sulfur, LIVER OF SULPHURTYPICAL 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., ° 200 °F
Specific Grav. (20°C) 1.28
Solubility in Water Miscible
Ph: 10.6

HAZARD CLASSIFICATION:

☐ FIRE ☒ TOXICITY ☒ ODOR ☒ REACTIVITY ☒ 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
<u>Non Combustible</u>			
Extinguishing Media			
Special Fire Fighting Procedures			
Unusual Fire & Explosion Hazards			

HEALTH HAZARD DATA

Threshold Limit Value		Toxicity (Species)	
Oral LD ₅₀	Dermal LD ₅₀	Inhalation LC ₅₀	
Effects of Overexposure <u>Irritating to eyes, nose and skin.</u> <u>A burning tendency when contact is made with the skin,</u> <u>also a discoloring effect. Nausea can be experienced due</u> <u>to offensive odor.</u>			
Emergency & First Aid Procedures			
<u>For odor exposure remove patient to fresh air area -</u> <u>in case of contact, wash exposed areas with water</u>			

Stability	Unstable	Conditions to Avoid
Very Stable	Stable	
Incompatibility (Materials to Avoid)		
Decomposed by acids		
Hazardous Decomposition Products		
None Known		
Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur	

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.