



Sure-Gro Inc.
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MATERIAL SAFETY DATA SHEET

PRODUCT: Lime Sulphur (Insecticide/Fungicide)

SECTION 1 - PRODUCT INFORMATION

P.C.P. Act Registration No.: 7386.06

Code: 7 58062 0

Chemical Name: Calcium polysulphides

Synonyms: Lime Sulphur

Chemical Family: Inorganic

Product Use: Domestic Fungicide / Insecticide

TDG Classification: Not Regulated

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	T.W.A. - T.L.V.
Calcium Polysulphides	23	1344-81-6	Oral, rat 820 Dermat, rabbit >2000	LC50 3.1 mg/l
Calculated LD 50 for mixture			3565	

SECTION 3 - PHYSICAL DATA

Physical State: Liquid
Specific Gravity: 1.283
Boiling Point: No Data
Vapour Pressure: No Data
% Volatiles: None
Solubility in Water: Soluble

Appearance\Odour: Orange to yellow liquid with rotten egg odour.
pH: >10
Freezing/Melting Point: No Data
Vapour Density: No Data
Evaporation Rate: No data

SECTION 4 - FIRE AND EXPLOSION

Flash Point: Not Applicable
Lower Explosion Limit %: Not Applicable
Fire Extinguishing Media: Foam, Dry Chemical, Carbon Dioxide, Water Fog
Fire Fighting Procedures: Wear self-contained Breathing Apparatus and impervious clothing. Minimize amount of water used and contain the run-off by diking.
Other Fire or Explosion Hazards: Dangerous when heated to decomposition. Thermal decomposition produces hydrogen sulphide.

Autoignition Temperature: No Data
Upper Explosion Limit %: Not Applicable

SECTION 5 - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Elevated temperatures.
Incompatibility (Materials to Avoid): Acids.
Hazardous Decomposition Products: Hydrogen sulphide, Carbon oxides and sulphur derivatives.

Hazardous Polymerization: Will Not Occur

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SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: This product is caustic and will cause irritation to the skin and is corrosive to the eyes. Odour from this product may cause nausea.

Effects of Chronic Exposure: None known.

Other Health Effects: Calcium polysulphide is considered to be of medium toxicity.

SECTION 7 - FIRST AID PROCEDURES

Inhalation: Move victim to fresh air. Give Artificial Respiration ONLY if required. Give CPR if there is NO breathing AND NO pulse. OBTAIN MEDICAL ADVICE if symptoms persist.

Skin Contact: Flush skin with running water and thoroughly wash with soap and water. If irritation persists seek medical attention.

Ingestion: Give 1 to 2 glasses of water (200 to 500 ml) to dilute material. If vomiting occurs, lean victim forward with head down to avoid breathing vomitus. DO NOT induce vomiting. OBTAIN MEDICAL ADVICE.

Eye Contact: Flush eyes with running water for 20 minutes. Hold eyelids open during flushing. If irritation persists seek Medical Attention.

SECTION 8 - PREVENTIVE MEASURES

Respiratory Protection: NIOSH/MSHA approved respirator for prolong usage.

Eye Protection: Chemical goggles recommended

Skin Protection: Chemical resistant gloves

Other Personal Protective Equipment: Coveralls

Engineering Controls: Local exhaust or ventilation.

Handling Procedures and Equipment: Avoid breathing vapours, contact with eyes, skin and clothing. Wash thoroughly after use.

Storage Requirements: Store in cool, dry, ventilated area. Keep out of reach of children and pets.

Storage Temperature: Min: 5 °C Max: 40 °C

SECTION 9 - ENVIRONMENTAL PROTECTION DATA

Spill and Leak Procedures: Stop leak, contain spill by diking and absorb with suitable absorbent and transfer into waste container for disposal. Clean area with detergent and water, absorb wash and place in waste container. Remove any contaminated soil for proper disposal.

Waste Disposal: Dispose of empty container in household garbage. Dispose of waste product in accordance with Local, Provincial or Federal government regulations.

Environmental Effects: Do not contaminate local water supplies or environments.

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Prepared by: Technical Department

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