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## MATERIAL SAFETY DATA SHEET

**PRODUCT:** Liquid Lime Sulphur

### SECTION 1 - PRODUCT INFORMATION

**P.C.P. Act Registration No.:** 23782

**Code:** 7 50140 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	-	No Data	-

### 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):** Reacts with Acidic materials to produce Hydrogen Sulphide.

**Hazardous Decomposition Products:** Hydrogen sulphide, Carbon oxides and sulphur derivatives.

**Hazardous Polymerization:** Will Not Occur

# Liquid Lime Sulphur

## 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 (200 to 500 ml) of water to dilute material. Have victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more water. Do not induce vomiting or give anything by mouth to an unconscious person. 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. NOTE: Do not use acidic cleaning materials for the cleaning of spills.

**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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