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MATERIAL SAFETY DATA SHEET

PRODUCT: Garden Sulphur (Fungicide)

SECTION 1 - PRODUCT INFORMATION

P.C.P. Act Registration No.: 21890

Code: 7 48060 0

Chemical Name: Sulphur

Synonyms: Brimstone

Chemical Family: Inorganic

Product Use: Domestic Fungicide

TDG Classification: Regulated by Road/Rail/Marine Transport: Limited Quantity

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	T.W.A. - T.L.V.
Sulphur	92	7704-34-9	-	-

SECTION 3 - PHYSICAL DATA

Physical State: Solid

Specific Gravity: Not Applicable

Boiling Point: 444 °C

Vapour Pressure: Not Applicable

% Volatiles: Not Applicable

Solubility in Water: Insoluble

Appearance\Odour: Fine yellow powder with sulphurous odour.

pH: No Data

Freezing/Melting Point: 117 °C

Vapour Density: Not Applicable

Evaporation Rate: Not Applicable

SECTION 4 - FIRE AND EXPLOSION

Flash Point: 207°C (Cleveland Open Cup) **Lower Explosion Limit:** 35 g/m³

Autoignition Temperature: 232 °C

Upper Explosion Limit: 1400 g/m³

Fire Extinguishing Media: Foam, Dry Chemical, Carbon Dioxide

Fire Fighting Procedures: Wear self-contained Breathing Apparatus and impervious clothing.

Other Fire or Explosion Hazards: Moisture reactive material. Highly flammable material in the presence of ignition sources, oxidizing materials, metals, moisture and combustion materials.

SECTION 5 - REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will Not Occur

Conditions to Avoid: Elevated temperatures.

Incompatibility (Materials to Avoid): Highly reactive with metals. Oxidizing agents, peroxides and bases.

Hazardous Decomposition Products: Sulphur oxides and Hydrogen sulphide gases.

SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: May cause nausea, headache and vomiting. Very low toxicity to humans.

Effects of Chronic Exposure: None Known.

Other Health Effects: None Known.

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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. DO NOT induce vomiting. If vomiting occurs, lean victim forward with head down to avoid breathing vomitus. 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: None normally required under normal usage.

Eye Protection: None normally required under normal usage.

Skin Protection: None normally required under normal usage.

Other Personal Protective Equipment: None.

Engineering Controls: Local exhaust or ventilation.

Handling Procedures and Equipment: Avoid breathing dust, 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: none °C Max: 40 °C

SECTION 9 - ENVIRONMENTAL PROTECTION DATA

Spill and Leak Procedures: Stop leak and contain spill. Sweep up spilled material and shovel in 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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