

MATERIAL SAFETY DATA SHEET

PRODUCT: Bordo Fungicide Spray

SECTION 1 - PRODUCT INFORMATION

P.C.P. Act Registration No.: 17482

Product Code: 7 40110 0

Chemical Name: Tri-basic Copper Sulphate

Synonyms: Copper Sulphate Basic

Chemical Family: Inorganic

Product Use: Domestic Fungicide

TDG Classification: Not Regulated

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	T.W.A. - T.L.V.
Tri-Basic Copper Sulphate	98-100	1344-73-6	Oral, rat 1000 Dermal, rabbit >8000	-
Calculated LD 50 for mixture			1900	

SECTION 3 - PHYSICAL DATA

Physical State: Solid

Specific Gravity: Not Applicable

Boiling Point: Not Applicable

Vapour Pressure: Not Applicable

% Volatiles: Not Applicable

Solubility in Water: Insoluble

Appearance\Odour: Fine light bluish-green powder, no odour.

pH: No Data

Freezing/Melting Point: Not Applicable

Vapour Density: Not Applicable

Evaporation Rate: Not Applicable

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: If heated above 300 °C toxic sulphur may evolve.

Autoignition Temperature: No Data

Upper Explosion Limit %: Not Applicable

SECTION 5 - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: None Known

Incompatibility (Materials to Avoid): Acids

Hazardous Decomposition Products: Sulphur oxides.

Hazardous Polymerization: Will Not Occur

Bordo Fungicide Spray

SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: Ingestion may cause diarrhea, vomiting and stomach pain. Severe eye irritant. Inhalation may cause irritation to the upper respiration tract.

Effects of Chronic Exposure: None Known.

Other Health Effects: Certain individuals may be sensitive to copper.

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. If vomiting occurs have victim lean forward with head down to avoid breathing vomitus, rinse mouth and administer more water. OBTAIN MEDICAL ADVICE. Do not induce vomiting or give anything by mouth to an unconscious person.

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: Prolong exposure requires a dust mask.

Eye Protection: Safety glasses.

Skin Protection: Chemical resistant gloves.

Other Personal Protective Equipment: Coveralls.

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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