

Product Name : IAP Copper Sulfur 15-25 Dust

Emergency Phone # Chemtrec 1(800) 424-9300

IAP Copper Sulfur 15-25 Dust

6/10/2004

Prepared by D. H. Dawe

EPA Reg. No. 10951-11-71058

HEALTH**2****Hazardous****FIRE****0****Will Not Burn****REACTIVITY****0****STABLE****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****Distributed by:** Independent Agribusiness Professionals

5756 N. Marks Ave.

Fresno, CA 93711

Product Name: Copper Oxychloride Sulfate and Sulfur Mixture

Chemical Family: Copper Sulfur Fungicide Mixture

CAS #: Sulfur 7704-34-9

Common Name: Copper Oxychloride Sulfate and Sulfur Mixture

DOT Information: Not Regulated

2. COMPOSITION/ INFORMATION ON INGREDIENTS

Material / Components	CAS #	CAS Name	TLV Units	Approx. %
Copper as Metallic	7704-34-9		1 mg (Cu)/ m ³	15
Sulfur			None established	25
Inert Ingredients				60

3. HAZARDS IDENTIFICATION SUMMARY**Effects of Overexposure:**

Inhalation: Product is considered to be of low to moderate toxicity. May be harmful if inhaled. Prolonged or repeated exposure may increase irritation.

Skin Contact: Product is considered to be of low to moderate toxicity. May cause skin irritation.

Eye Contact: May cause irritation of the eyes. Prolonged or repeated exposure may increase irritation, particularly to eyes.

Ingestion: Overexposure can lead to nausea, diarrhea, gastrointestinal distress, headaches, weakness, and in severe cases possible liver and kidney damage.

Delayed Effects:

Medical Conditions Aggravated by Exposure: None known. Preexisting skin or respiratory disorders may be aggravated by excessive exposure to this material.

4. FIRST AID MEASURES**If in eyes:**

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.
- Call a poison control center or doctor for treatment advice.

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If on skin or clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 to 20 minutes.• Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none">• Immediately call a poison control center or doctor• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
If inhaled:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.

5. FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not Applicable**Extinguishing Media:** Dry Chemical, CO₂, Foam, Water Spray or Fog**Special Fire Fighting Procedures:** Smoke and fumes from fire may contain hazardous components. Use self-contained breathing apparatus and full protective clothing. Fight fire from upwind side. Avoid run-off.**Unusual Fire & Explosion Hazards:** If water is used to fight fire or cool containers, contain run-off by diking to prevent contamination of water supplies. Dusts may form explosive mixtures with air; avoid use of heavy water streams.

6. SPILL OF LEAK PROCEDURES

Actions to take for Leaks and Spills: Contain spill; vacuum or scoop and sweep up and place in container for disposal.

Waste disposal: Material which cannot be used at the site should be disposed of in an approved waste disposal facility following all applicable Federal, State and Local Regulations.

7. HANDLING AND STORAGE

Special Precautions: Store in a cool dry place, away from children, food and feed products. Do not contaminate other stored products or the storage area by handling or storage of this product. Immediately clean up any spills which occur during handling and storage.

Other Precaution: Do not contaminate water supplies by handling or storage of product, cleaning of equipment or disposal of wastes. Keep work and storage areas clean. Toxic to fish and other aquatic organisms. Read and follow precautionary measures on product label.

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8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

- Engineering Controls: When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets with requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.
- Respiratory Protection: Not normally required. If dusts may exceed acceptable levels, or if irritation occurs, wear MSHA/ NIOSH-approved mask or respiration for protection against pesticide dusts.
- Eye protection: Wear chemical goggles or face shield.
- Skin Protection: Wear chemical-resistant or waterproof gloves.
- Other Clothing: Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks and protective eyewear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Greenish Powder
Color:	Greenish
Physical State:	Dry
Odor:	Sulfur-like odor
pH :	Not Applicable
Viscosity:	Not Applicable
Specific Gravity (Water = 1):	Not Applicable
Vapor Density (Air = 1):	Not Applicable
Vapor Pressure:	Not Applicable

Melting Point:	Not Applicable
Boiling Point:	Not Applicable
Flash Point:	Not Applicable
Freezing Point:	Not Applicable
Percent Volatility:	Not Applicable
Evaporation Rate (Bac = 1):	Not Applicable
Solubility in Water:	Virtually Insoluble
Solubility in Oil:	Not Applicable
Solubility in Acetone:	Not Applicable

10. STABILITY AND REACTIVITY DATA

Stability: Stable

Incompatibility (materials to avoid): Strong oxidizers, acids

Hazardous Combustion or Decomposition Products: HCl, oxides of sulfur, oxides of copper, chlorine-containing compounds and other unknown hazardous material may be formed in a fire situation.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: None known.

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Skin Sensitization (guinea pig): Not established

16. OTHER

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