

**FBSciences, Inc.**  
**153 N. Main, Ste. 100**  
**Collierville, TN USA 38017**

**In Case of Emergency, Call**  
**FBSciences, Inc.: 1-901-221-1200**  
**CHEMTREC: 1-800-424-9300**

**1. CHEMICAL IDENTIFICATION**

Product Name: Copron-F  
 Active Ingredient (%): Copper 5.00%  
 Recommended Use: Fertilizer

**2. HAZARDS IDENTIFICATION**

No hazardous components.

Keep out of reach of children.

Inhalation: None known.  
 Eye Contact: May cause irritation, stinging, tearing, itching, swelling, and/or redness.  
 Skin Contact: Contact with skin may cause irritation.  
 Ingestion: Harmful if swallowed. Small quantity may cause nausea, diarrhea or stomach discomfort.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Material	% by weight	CAS No.
Copper Sulfate	19.96%	7758-99-8

**4. FIRST AID MEASURES**

Contact with eyes or skin may cause irritation. Undiluted material will be irritating on direct eye contact if ingested, small quantity may cause nausea, diarrhea or stomach discomfort. Clothing should be thoroughly washed before re-use. Seek medical attention if irritation persists.

Inhalation: Move to fresh air. Obtain medical attention immediately if breathing becomes difficult.  
 Eye Contact: Flush eyes with water for 10 to 15 minutes. Obtain medical attention if irritation persists.  
 Skin Contact: If prolonged contact occurs, rinse thoroughly with soap and water. Obtain medical attention if irritation persists.  
 Ingestion: Drink 1-2 glasses of water and seek medical attention.

**5. FIRE FIGHTING MEASURES**
In Case of Fire

Use water, dry chemical, foam, or CO2 extinguishing media.

Special Fire Fight Protection

Wear full protective clothing

Unusual Fire, Explosion and Reactivity Hazards

Not explosive. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion.

Flash Point & Method: Non Flammable  
 Flammable Limits: N/A LEL: N/A UEL: N/A  
 Autoignition Temperature: Not Available  
 Flammability: Non Flammable

## 6. ACCIDENTAL RELEASE MEASURES

### In Case of Spill or Leak

Confine liquid. If uncontaminated, material may be re-packaged and used. Use absorbent material to soak up, then put in drums. Dispose of according to municipal, provincial and Federal regulations.

## 7. HANDLING AND STORAGE

Keep out of reach of children. Do not contaminate water, food, or feed by storage or disposal. Do not store below 40°F (5°C). Keep from freezing.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: N/A

Ventilation: Local Exhaust: N/A Special: None Other: None

Mechanical: Yes

Eye Protection: Safety Goggles Recommended

Protective Gloves: No

Other Protective Clothing Or Equipment: None

Work/Hygienic Practices: Wash with soap and water before eating, smoking and/or drinking.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid  
Color: Blue to black  
Odor: Slightly earthy metallic  
Vapor Pressure: Greater than 1.0 @ 100°C  
Vapor Density: (Air = 1) N/A  
pH: 1.6  
Relative Density: H<sub>2</sub>O=1 1.16-1.28 @ 20°C  
Melting Point: N/A  
Freezing Point: 5°C  
Solubility in Water: Complete  
Solubility in alcohols: N/A  
Boiling Point: N/A  
Flash Point & Method: Non flammable  
Evaporation Rate: Non volatile  
Flammability: Non flammable  
Flammable Limits: N/A LEL: N/A UEL: N/A  
Autoignition Temperature: N/A  
Decomposition Temperature: N/A  
Viscosity: N/A

## 10. STABILITY AND REACTIVITY

### STABILITY AND REACTIVITY

Reactivity: None Known  
Stability: Stable  
Incompatible Materials: None Known  
Conditions to Avoid: None Known  
Hazardous Decomposition: None Known  
Hazardous Polymerization: This product will not polymerize.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

Acute Oral Toxicity: No Information Available  
Acute Dermal Toxicity: No Information Available  
Acute Inhalation: No Information Available  
Likely Routes of Exposure: Skin, Eye, Ingestion  
Eye Irritation: May cause irritation, stinging, tearing, itching, swelling, and/or redness  
Skin Sensitization: Contact with skin may cause irritation.

### Mutagenic Potential

None Observed

### Reproductive Hazard Potential

None Observed

### Chronic/Subchronic Toxicity Studies

None Observed

### Carcinogenic Potential

None Observed

### Other Toxicity Information

Not Available

### Toxicity of Other Components

Not Available

## 12. ECOLOGICAL INFORMATION

### Summary of Effects

Keep out of all water supplies.

### Eco-Acute Toxicity

Not Available

### Eco-Chronic Toxicity

Not Available

### Environmental Fate

Not Available

## 13. DISPOSAL CONSIDERATION

### Disposal

Dispose of in an approved disposal facility in accordance with all municipal, provincial, and federal regulations.

### Container Disposal

Non-refillable container. Do not reuse or refill this container.

#### 14. TRANSPORT INFORMATION

UN Number

Not regulated by DOT, IATA or IMDG

UN Proper Shipping Name

Not Applicable

DOT Classification

Not Applicable; No Label or Placard Required

B/L Freight Classification

Not regulated

International Transportation

Not Applicable

HAZARD CLASSIFICATION (0-minimal, 1 -slight, 2-moderate, 3-serious, 4-severe)

NFPA: HEALTH- 0 FIRE- 0 REACTIVITY- 0

#### 15. REGULATORY INFORMATION

SARA Title III Classification

Section 311/312: Not Applicable

Section 313 chemicals: Not Applicable

Proposition 65

Not Applicable

CERCLA Reportable Quantity (RO)

None

RCRA Classification

Not Applicable

TSCA Status

Listed

#### 16. OTHER INFORMATION

The directions for use of this product are believed to be adequate and must be followed carefully. The use of this product is beyond the control of the manufacturer, and, therefore, to the extent consistent with applicable law, no warranty, representation, or guarantee of any kind, expressed or implied, is made as to the effects of such use or any results obtained if not used in accordance with printed directions and established safe practice or if unusual or extraordinary weather conditions occur. To the extent consistent with applicable law, the buyer's exclusive remedy and manufacturer's or seller's exclusive liability in tort or otherwise, shall be limited, at the manufacturer's option, to replacement of, or the repayment of the purchase price for, the quantity of product with respect to which damages are claimed.

The information and recommendations contained herein are based upon data believed to be correct. However there is no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.

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