

## **Material Safety Data Sheet**

According to 91/155/EEC and OSHA Hazard Communication Standard 29CFR1910.1200

### **1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:**

Commercial Product Name: Cuprisan  
Company: Power Coolant & Chemical, LLC  
6777 Dusty Saddle Rd  
Charlotte, NC 28277  
Phone: 1-704-759-3435  
Fax: 1-704-243-9770

Emergency Telephone Number: 1-800-424-9300

### **2. COMPOSITION/INFORMATION ON INGREDIENTS:**

a) Copper Triethanolamine CAS#: 31089-39-1 15% - 20% by weight

### **3. HAZARDS IDENTIFICATION:**

Inhalation: No appreciable vapor pressure, therefore there is minimal hazard from inhalation.

Skin: Repeated or prolonged contact may cause defatting. Abraded skin may become irritated.

Ingestion: May cause irritation, vomiting, nausea and diarrhea.

Risk Classification: R21: Harmful in contact with skin  
R22: Harmful if swallowed

Environmental Hazards: No access to sewer waters, effluent or ground.

Physical / Chemical Risks: None

### **4. FIRST AID MEASURES:**

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration. Consult a doctor.

Skin Contact: Immediately wash skin with soap and water.

Eye Contact: Immediately flush eyes with plenty of water.

Ingestion: Drink plenty of water. Consult a doctor. May cause vomiting and/or diarrhea.

**5. MEASURES FOR FIRE FIGHTING:**

Suitable extinguishing media: Dependent on surrounding materials, product itself does not burn.

Combustion products: Oxides of carbon and nitrogen when water content has evaporated and residue is exposed to excessive heat.

NFPA Rating: Health - 1, Flammability - 0, Reactivity - 0

**6. ACCIDENTAL RELEASE MEASURES:**

Do not allow access to sewer system.

**7. HANDLING AND STORAGE:**

Wear water/oil impervious gloves.

Wear safety glasses with side shields.

Store in a dry place at room temperature. Keep containers tightly closed.

Storage facilities must comply with national/local regulations pertaining to prevention of water pollution.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:**

Hand protection: Avoid skin contact, may irritate abraded skin. Wear water/oil impervious safety gloves.

Eye protection: Avoid contact with eyes. Wear safety glasses with side shields or full face shield.

**9. STABILITY AND REACTIVITY:**

Stability: Product as supplied is stable.

Reactivity: Hazardous polymerization will not occur.

Hazardous Decomposition Products: Avoid contact with concentrated hydroxides. Neutralization of active ingredient will occur.

**10.) PHYSICAL AND CHEMICAL PROPERTIES:**

Appearance:	Liquid, dark blue
Solubility	Completely soluble in water
Boiling Point	100 °C
pH (as supplied)	9.6
Copper content	40,000 mg/l
Specific Gravity	1.185
Flash Point	NA
Burning Point	NA
Explosion Limits	NA

**11. TOXICOLOGICAL INFORMATION:**

Oral LD50	not determined
Dermal LD50	not determined
Eye effects	not determined
Ames test	not determined
Skin sensitization	not determined
Skin irritation	not determined

**12. ECOLOGICAL INFORMATION:**

No access to sewer waters, effluent or ground.

**13. DISPOSAL CONSIDERATIONS:**

Product:	As chemical waste in accordance with federal, state or local regulations.
Packaging, Empty:	Uncleaned containers should be recycled or disposed of. Receiver of containers should be informed about the possible hazards as described in this Material Safety Data Sheet.

**14. TRANSPORT INFORMATION:**

This product is not classified as hazardous for transport.

**15. REGULATORY INFORMATION:**

Hazard Symbol: Xn (Harmful)

R-Phrases: 21,22

S-Phrases: 2,24,25,36,37,39

S.A.R.A. Title III section 311 and 312

This product is not classified as a hazardous chemical.

S.A.R.A. Title III section 313

The following chemicals are present at or above de minimis concentrations in the product:

- a) Copper Triethanolamine, CAS #: 31089-39-1, 15% - 20% by weight as a copper compound.

TSCA

All components of this product are either on the TSCA inventory or are exempt as byproducts and/or impurities.

National and local regulations pertaining to prevention of water pollution must be adhered to.

**16. FURTHER DATA:**

None.

All data in this Safety Data Sheet are based on present state of our knowledge and experience. They are to characterize our product with regard to any possible safety requirements. We do, however, pass them on to you without any warranty or property assurances.