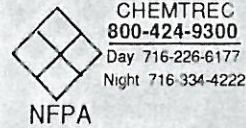


SECTION I NAME		24 HOUR EMERGENCY ASSISTANCE	
Product	CUPRIC ACETATE	 <p>CHEMTREC 800-424-9300 Day 716-226-6177 Night 716-334-4222</p> <p>NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4</p>	
Chemical Synonyms	Copper (II) Acetate 1-Hydrate		
Formula	Cu(O ₂ CCH ₃) ₂ ·H ₂ O		
Unit(s) Size	100, 500 grams; 2.5 Kg.		
C.A.S. No.	6046-93-1 (Monohydrate)		

SECTION II HAZARDOUS INGREDIENTS OF MIXTURES		
Principal Hazardous Component(s)	%	TLV Units
Cupric Acetate, Monohydrate	91-100%	See Section V.
CAUTION! HARMFUL IF INHALED OR SWALLOWED.		
DUST IRRITATING TO EYES AND RESPIRATORY		
TRACT. CAUSES SKIN AND EYE IRRITATION.		

SECTION III PHYSICAL DATA			
Melting Point (°F)	115°C (239°F)	Specific Gravity (H ₂ O = 1)	1.882 at 20°C
Boiling Point (°F)	Decomposes at 240°C (464°F)	Percent Volatile by Volume (%)	Negligible as solid.
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (=1)	Not applicable.
Vapor Density (Air=1)	Unknown.		
Solubility in Water	Soluble 7.2-20 g/100 g H ₂ O.		
Appearance & Odor	Blue-green crystals; no odor or slight acetous odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA			
Flash Point (Method Used)	Non-volatile solid (NA).	Flammable Limits in Air % by Volume	NA
Extinguisher Media	Use any media suitable for extinguishing supporting fire.		

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH-approved self-contained breathing apparatus and full protective clothing. Avoid flushing to sewer or stream if possible. Toxic to aquatic life.

(1987 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.4, GUIDE PAGE NO. 31)

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials.

D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

SECTION V HEALTH HAZARD DATA	
Threshold Limited Value	(Air) As copper metal: 1.0 mg/m ³ for 8 hr. work day. Copper (fume) T.L.V. 0.2 mg/m ³ .
Effects of Overexposure	INGESTION: Can cause copper poisoning and/or death. SYMPTOMS: Nausea, vomiting, diarrhea, and gastric pain. EYES: Corrosive; causes conjunctivitis. SKIN: May cause allergic skin reaction. INHALATION: Causes upper respiratory irritation and congestion of the nasal mucous membranes.

Emergency and First Aid Procedures

INGESTION: If conscious, give one or two glasses of water, induce vomiting and call a physician. **EYES:** Immediately flush with water for 15 minutes. Get immediate medical attention. **SKIN:** Wash thoroughly with soap and water. **INHALATION:** Remove to fresh air. Get medical attention.

SECTION VI REACTIVITY DATA	
Stability	Unstable Stable
Conditions to Avoid	Excessive temperature and heat.
Incompatibility (Materials to Avoid)	Strong oxidizers, Nitric acid.
Hazardous Decomposition Products	If dry heated may produce acetic acid fumes. Combustion will produce carbon dioxide and probably carbon monoxide.
Hazardous Polymerization	Conditions to Avoid
May Occur	Will Not Occur
	X
	Not applicable.

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled

Sweep up and place in a suitable container. Avoid contaminating public water supply.

Waste Disposal Method

Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.

Dispose of in an approved chemical landfill or contact a licensed chemical waste disposal agency.

SECTION VIII SPECIAL PROTECTION INFORMATION				
Respiration Protection (Specify Type)	None should be needed in normal laboratory handling. If dusty conditions prevail, work in a ventilation hood or wear a NIOSH-approved dust mask or respirator.			
Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.
Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.	
Other Protective Equipment	Safety glasses, smock, apron, ventilation hood, proper gloves, and eye wash station.			

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing

Store in a cool place, below 35°C. Wash thoroughly after handling.

Keep container tightly closed when not in use.

Other Precautions

Read label on container before using. Do not wear contact lenses when working with chemicals.

Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Rev. No. No. 3 Date 9/24/92 Approved Alexander A. Piccinilli Chemical Safety Coordinator AP

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