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# IMPORTANT

## MATERIAL SAFETY DATA SHEET

READ CAREFULLY BEFORE USING CHEMICAL  
 OSHA requires that this form be kept on file.

Product No. SA 9485 M

Product Name CUPRIC CARBONATE

**24 HOUR EMERGENCY ASSISTANCE**  
**CHEMTREC 800-424-9300**  
**HAZARD RATING**

4-EXTREME	Health Hazard	1
3-SEVERE	Flammability	0
2-MODERATE	Reactivity	0
1-SLIGHT		
0-MINIMAL		

SECTION I	NAME
Chemical Synonyms	Copper II Carbonate, Basic
Formula	CuCO <sub>3</sub> •Cu(OH) <sub>2</sub>
C.A.S. No.	12069-69-1

**SECTION III HEALTH/HAZARD DATA**  
 Threshold Limit Value  
 1 mg/m<sup>3</sup> (as Cu) TWA  
 Effects of Overexposure  
**Corrosive Acute:** Severe irritation and ulceration to eyes, and mucous membranes. Headache, chills, and sore throat from inhalation. **Chronic:** Systemic metal poisoning, damage to mucous membranes, discoloration of skin.

**Emergency and First Aid Procedures**  
 Skin: Remove any contaminated clothing. Wash skin with soap or mild detergent and water for at least 15 minutes. Get medical attention if irritation develops or persists. Eyes: Wash eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately. Inhalation: Wash eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately. Ingestion: If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Call a physician immediately.

**SECTION II HAZARDOUS INGREDIENTS OF MIXTURES**

Principal Hazardous Component(s)	%	P.E.L.	TLV Units
Cupric Carbonate* CAS# 12069-69-1	100	1 mg/m <sup>3</sup> (Cu)	1 mg/m <sup>3</sup> (Cu)

\* chemical subject to the reporting requirements of SARA Title III.

**SECTION VI REACTIVITY DATA**

Stability	Stable <input type="checkbox"/> Unstable <input type="checkbox"/>	Conditions to Avoid	None
Incompatibility (Materials to Avoid)	Sodium Hypobromite, Nitromethane, Strong acids.		
Hazardous Decomposition Products	None known.		
Hazardous Polymerization	May Occur <input type="checkbox"/> Will Not Occur <input type="checkbox"/>	Conditions to Avoid	None

**SECTION III PHYSICAL DATA**

Melting Point (°F)	200°C (Decomposes)	Specific Gravity (H <sub>2</sub> O=1)	4.00
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (----- = 1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Insoluble		
Appearance & Odor	Green powder, no odor.		

**SECTION VII SPILL/LEAK/RELEASE PROCEDURES**  
 Steps to be Taken in Case Material is Released or Spilled  
 Ventilate area of leak or spill. Clean-up personnel may require protective clothing and respiratory protection from dust. Spills: Sweep up and containerize for reclamation or disposal. Avoid dust dispersal.

**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.  
 Disposal: Whatever cannot be saved for reclamation may be disposed in a RCRA-approved hazardous waste facility. Do not flush to the sewer. Toxic to aquatic life.

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method Used)	N/A	Flammable Limits in Air % by Volume	Lower -----	Upper -----
Extinguisher Media	Use any medium suitable for extinguishing supporting fire.			

**SECTION VIII SPECIAL PROTECTION INFORMATION**

Respiration Protection (Specify Type)	Dust		
Ventilation	Local Exhaust	<input checked="" type="checkbox"/>	Special -----
	Mechanical (General)	<input checked="" type="checkbox"/>	Other -----
Protective Gloves	Appropriate chemical resistant gloves	Eye Protection	Goggles
Other Protective Equipment	Lab Coat		

**Special Firefighting Procedures**  
 In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

**Unusual Fire and Explosion Hazards**  
 Not considered to be a fire/explosion hazard.

**SECTION IX SPECIAL PRECAUTIONS**  
 Precautions to be Taken in Handling & Storing  
 Keep container tightly closed when not in use.  
 Store in a cool dry location.

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

None

D.O.T. Not Regulated

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

Approved by Steven C. Quandt	Effective Date 2/4/2005	For laboratory use only. Not for drug, food or household use. Keep out of reach of children.
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The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to the other information gathered by them and must