

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

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 ³ (Cu)	1 mg/m ³ (Cu)

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

SECTION III PHYSICAL DATA			
Melting Point (°F)	200°C (Decomposes)	Specific Gravity (H ₂ 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 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.		

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.

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 ₃ •Cu(OH) ₂
C.A.S. No.	12069-69-1

SECTION V HEALTH HAZARD DATA
Threshold Limit Value
1 mg/m³ (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 VI REACTIVITY DATA	
Stability	Conditions to Avoid
Stable ☐ Unstable ☐	None
Incompatibility (Materials to Avoid)	Sodium Hypobromite, Nitromethane, Strong acids.
Hazardous Decomposition Products	None known.
Hazardous Polymerization	Conditions to Avoid
May Occur ☐ Will Not Occur ☐	None

SECTION VII SPILL OR LEAK 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 VIII SPECIAL PROTECTION INFORMATION			
Respiration Protection (Specify Type)	Dust		
Ventilation	Local Exhaust	☒	Special -----
	Mechanical (General)	☒	Other -----
Protective Gloves	Appropriate chemical resistant gloves	Eye Protection	Goggles
Other Protective Equipment	Lab Coat		

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
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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