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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. SB 7684 M

Product Name **CUPRIC CARBONATE**

#### 24 HOUR EMERGENCY ASSISTANCE

CHEMTREC 800-424-9300

#### HAZARD RATING

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

#### SECTION I NAME

Chemical Synonyms Copper II Carbonate, Basic

Formula  $\text{CuCO}_3\text{Cu}(\text{OH})_2$

C.A.S. No. 12069-69-1

Principal Hazardous Component(s) % P.E.L. TLV Units

None

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

Melting Point (°F)	200°C (Decomposes)	Specific Gravity ( $\text{H}_2\text{O}=1$ )	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.

D.O.T. Not Regulated

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

#### 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 VI REACTIVITY DATA

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

#### 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.

#### Respiration Protection (Specify Type)

Ventilation	Local Exhaust	X	Special	-----
	Mechanical (General)	X	Other	-----
Protective Gloves	Vinyl or Rubber		Eye Protection	Goggles
Other Protective Equipment	Lab coat			

#### 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

11/03/94

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

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must