



American International Chemical, Inc.

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MATERIAL SAFETY DATA SHEET

COPPER CARBONATE

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

American International Chemical, Inc. 135 Newbury Street Framingham, MA 01701	Emergency Number: Chemtrec Information Number:	800-424-9300 703-527-3887 800-238-0001
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Date: August 2007

Synonyms: Cupric Carbonate, Copper (II) Carbonate, Copper Carbonate Hydroxide

CAS #: 12069-69-1

DOT Hazard Class: Not Regulated

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Copper Carbonate 99% min.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Fine, light green, free flowing powder. Avoid contact with eyes, skin and clothing. Harmful if swallowed.

POTENTIAL HEALTH EFFECTS:

Skin: May cause skin irritation.
Eyes: May cause irritation or burning.
Inhalation: May cause irritation to the respiratory tract.
Ingestion: Nausea, vomiting, gastrointestinal pain.

CHRONIC EFFECTS: Kidney damage, liver damage

CARCINOGENICITY: Not listed under OSHA, IARC or NTP.

SECTION 4 - FIRST AID MEASURES

Skin: In case of contact, flush skin with water.
Eye: In case of eye contact, immediately flush with plenty of water for at least 15 minutes.
Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Prompt action is essential.
Ingestion: CALL A PHYSICIAN. If swallowed, if conscious, immediately induce vomiting.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: Not Applicable

Flammable Limits: Not Applicable

Extinguishing Media: Use media that is appropriate to treat surrounding fire.

Special Fire Fighting Procedures: Use fire fighting procedure that is appropriate to treat surrounding fire. All firefighters should use self-contained breathing apparatus and full fire-fighting turnout gear.

Unusual Fire Explosion Hazard: None Known

Auto Ignition Temperature: Not Applicable

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Isolate hazard area and deny entry to unnecessary or unprotected personnel.
Contain spill, sweep up, collect and place in a disposal container. Avoid runoff into storm sewers and ditches which lead to waterways.

SECTION 7 - HANDLING AND STORAGE

Avoid contact with skin, eyes and clothing. Use with adequate ventilation. Avoid breathing dust. Use normal personal hygiene and housekeeping. Store in cool dry area away from other incompatible materials. Product is slightly hygroscopic and should be stored in a dry area to prevent moisture pick up and caking.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirators.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate dust from the work area.

SKIN AND EYE PROTECTION:

Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin from dust.

WORK, HYGIENIC PRACTICES:

As required to protect skin and eyes from dust, safety showers and/or eye wash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

EXPOSURE LIMITS: 1 mg/m³ (OSHA-PEL)
1 mg/m³ (ACGIH-TLV)

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not Applicable

Vapor Pressure (MM Hg): Not Applicable

Vapor Density (AIR=1): Not Applicable

Specific Gravity (H₂O=1): 3.90

Percent Volatile by Volume (%): 0

Melting Point: Approximately 200 °C

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Negligible (<0.1%)

pH: Not Applicable

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperatures and pressures, decomposes at approximately 270 °C.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions, exothermic reactions with acids.

HAZARDOUS DECOMPOSITION PRODUCTS: None identified

KEEP AWAY FROM: Strong Acids

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Oral Toxicity LD50 Rat:

Dose: 1,385 mg/kg

SECTION 12 - ECOLOGICAL INFORMATION

Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with all federal, state and local regulations.

RCRA WASTE #: Not Listed

SECTION 14 - TRANSPORTATION INFORMATION

Copper Carbonate

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D.O.T. SHIPPING NAME:.....Copper Carbonate - Not Regulated

SECTION 15 - REGULATORY INFORMATION

OSHA STATUS: Not Listed

TSCA STATUS: Listed

CERCLA REPORTABLE REQUIREMENTS: Contains copper RQ 5000 lbs

SARA TITLE III INFORMATION:

Section 302 Extremely Hazardous Substance: Unlisted

Section 313 Toxic Chemicals: Listed Contains copper

Section 311/312 Hazard Category: Immediate (acute) Health Hazard, Delayed (chronic).

SECTION 16 - OTHER INFORMATION

Reason for Issue: Changed Date

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