



American International Chemical, Inc.

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MATERIAL SAFETY DATA SHEET

CUPRIC ACETATE MONOHYDRATE

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: Copper Acetate, Crystals of Venus

CAS #: 6046-93-1

DOT Hazard Class: Class 9, UN3077, PG III

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Copper Acetate Monohydrate 99.5% min.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Blue green fine crystals with acidic odor. Copper is listed as a carcinogen under ACGIH.

POTENTIAL HEALTH EFFECTS:

Eyes & Skin: Contact may cause irritation.

Inhalation: May cause irritation to upper respiratory tract.

Ingestion: May be harmful if swallowed in large quantities

CARCINOGENICITY: Not listed under OSHA, IARC, or NTP. Copper is listed on ACGIH.

SECTION 4 - FIRST AID MEASURES

Eyes: Flush immediately with water for at least 15 minutes.

Skin: Remove contaminated clothing and wash off skin with soap and water.

Inhalation: Remove to the fresh air.

Ingestion: Do not induce vomiting. Dilute with several glasses of water.

In All Of The Above: Consult a physician if symptoms persist.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: Not Flammable

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.

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. 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: Decomposes at 240 °C

Vapor Pressure (MM Hg): Not Applicable

Vapor Density (AIR=1): Not Applicable

Specific Gravity (H2O=1): 1.9

Bulk Density: Not available

Percent Volatile by Volume (%): Not Applicable

Melting Point: 115 °C

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Slightly or 70 g/l

pH: Solutions are acidic.

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperatures and pressures.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and acetic acid.

KEEP AWAY FROM: High heat and reducing agents.

SECTION 11 - TOXICOLOGICAL INFORMATION

LD₅₀ Oral-Rats-710 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

D.O.T. SHIPPING NAME: Environmentally Hazardous Substance, Solid n.o.s.
Cupric Acetate Monohydrate
Class 9
UN3077
PG III

SECTION 15 - REGULATORY INFORMATION

OSHA Status: Not Listed

TSCA Status: Listed

CERCLA R.Q.: 5,000 lbs (copper compound)

SARA TITLE III INFORMATION:

Section 302 Extremely hazardous Substance: Unlisted

Section 313 Toxic Chemicals: Listed as Copper Compound

Section 311/312 Hazard Category: Immediate (acute) Health Hazard

SECTION 16 - OTHER INFORMATION

Reason for Change: Changed Date

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