

SECTION 1 IDENTIFICATION	
Product Number	030-7009
Product Name	Cupric Chloride
Trade /Chemical Synonyms	
Formula	CuCl ₂ •2H ₂ O
RTECS	GL7000000
C.A.S. #	CAS# 10125-13-0
Health:	3
Flammability:	0
Reactivity:	0
Hazard Rating: Least Slight Moderate High Extreme 0 1 2 3 4 NA=Not Applicable NE=Not Established	

SECTION 7 HANDLING AND STORAGE
Store in a cool dry place. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION	
Respiratory Protection:	NIOSH/MSHA-approved respirator
Ventilation:	Local Exhaust <input type="checkbox"/> Mechanical <input checked="" type="checkbox"/>
Protective Gloves:	Wear appropriate gloves to prevent skin exposure
Eye Protection:	Safety Glasses w/ Side Shields
Other Protective Equipment:	Wear appropriate clothing to prevent skin exposure

SECTION 2 MIXTURE COMPONENTS					
Sara 313	Component	CAS Numbe	%	Dim.	Exposure Limits
<input type="checkbox"/>	Cupric Chloride	CAS# 10125-13-	100%	W/	ACGIH TWA 1 mg(Cu)/m ³

SECTION 3 HAZARD IDENTIFICATION (SEE ALSO SECTION 11)
May be fatal if inhaled, swallowed or absorbed thru the skin Avoid all contact. Use with adequate ventilation. Wash thoroughly after use. Keep container closed.

SECTION 4 FIRST AID MEASURES
FIRST AID: CALL A PHYSICIAN. SKIN: Remove contaminated clothing. Wash exposed area with soap and water.
EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen
INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES
Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire
Fire / Explosion Hazards: Negligible fire hazard when exposed to heat or flame
Fire Fighting Procedure:
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES
Evacuate area. Wear self-contained breathing apparatus and protective clothing. Ventilate area

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES	
Melting Point: 110 Deg. C	Percent Volatile by Volume: Not Available
Boiling Point: N/A	Evaporation Rate: N/A
Vapor Pressure: Information not available	Evaporation Standard:
Vapor Density: N/A	Auto Ignition Temp: Not applicable
Solubility in Water: Soluble	Lower Flamm. Limit in Air: Not applicable
Appearance /Odors: Blue-green crystals or powder, no odor	Upper Flamm. Limit in Air: Not applicable
Flash Point: N/A	
Specific Gravity: 2.51	

SECTION 10 STABILITY AND REACTIVITY INFORMATION	
Stability: Stable	
Conditions to Avoid:	Avoid contact with incompatible materials, Moisture and heat
Materials to Avoid:	Potassium, sodium, and ammonia vapors
Hazardous Decomposition Products:	Hydrogen chloride, copper oxide
Hazardous polymerization	Will Not Occur
Conditions to Avoid:	None known

SECTION 11 ADDITIONAL INFORMATION	
Causes irritation to the eyes, nose and throat. Avoid contact with eyes skin and clothing. Avoid breathing dust. Causes gastrointestinal irritation. Conditions aggravated/target organs. Persons with pre-existing eye, skin or respiratory conditions may be more susceptible.	

DOT Classification:	Copper Chloride, 8, UN2802, PG III
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DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

Rev. No: 0.1 Date Entered: 8/1/2005 Approved: RMC Safety Dir. RMC