

MATERIAL SAFETY DATA SHEET

Metal Finishes PLUS

SECTION I MATERIAL IDENTIFICATION

Material Name: Copper Plate

CAS NO: NA

Metal Finishes PLUS Emergency Phone # CHEMTREC 1-800-424-9300

530 East 28th Street Tucson, AZ 85713 Date Prepared 1-1-2004

Phone # 520-623-1221

SECTION II HAZARDS

Ingredient Name:	CAS NUMBER:	TLV-TWA	TLV-STEL
Blue Copper	7758-98-7	.9mg/m3	NA
Sulfuric Acid	7664-93-9	1mg/m3	NA

SECTION III PHYSICAL DATA

Appearance & Odor Blue, odorless liquid

Boiling Point: 212 F

Evaporation Rate: (water = 1) 1

Vapor Pressure: 1.0

Specific Gravity: 1.2

Water Solubility: Soluble

Melting Point: NA

Vapor Density (air=1): <1

% Volatile by Volume: NA

SECTION IV FIRE AND EXPLOSION DATA

Flash Point: Non-Flammable

Limits: LEL % : NA

UEL % : NA

Extinguishing Media: NA

SECTION V REACTIVITY DATA

Non volatile reaction with ferrous metals

Chemical Incompatibility: Corrosive to metals

SECTION VI HEALTH HAZARD INFORMATION

Target Organs: Skin, Eyes Lungs

Primary Entry Route(s): Inhalation, contact with skin or eyes.

First Aid Contact with skin or eyes, flush with copious amounts of water, rolling eyes for at least 15 minutes, contact physician. If mist is inhaled, remove victim to fresh air and seek medical assistance. If swallowed, induce vomiting, seek medical assistance.

Health Hazard: May cause itching, rash or burns with prolonged exposure. If swallowed may cause various levels of GI distress. May cause rash or burns to tissue.

Signs/symptoms of exposure: Redding, rash or burning sensations. Inhalation of mist may cause shortness of breath, chest pains.

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SECTION VII SPILL < LEAK AND DISPOSAL PROCEDURES

Spill/Leak Procedures: Wear protective clothing, hand and eye wear. Flush with water.
Disposal: If in original form may be disposed by standard industrial wastewater treatment process.

SECTION VIII SPECIAL PROTECTION INFORMATION

Personal Protective Equipment: Contains a mild acid solution. Wear protective clothing to avoid exposure to unprotected skin, eyes, and lungs.
Eye Protection Plastic goggles.
Gloves: Rubber, plastic or chemical resistant gloves.
Respirator: Do not breathe mist. Use adequate ventilation and wear a respirator with approved NIOSH filter cartridge.
Workplace Considerations: Treat as a mild acid. Only trained personnel should handle product. Keep out or contact of metals and all basic pH solutions.
Ventilation: Use local ventilation.

SECTION IX SPECIAL PRECAUTIONS

Special Handling and Storage: Avoid contact with metal containers, exposure to extreme temperatures.

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