

6/12/2024: File Reviewed. More current MSDS/SDS not available. CAS

MATERIAL SAFETY DATA SHEET

OSHA Form 174

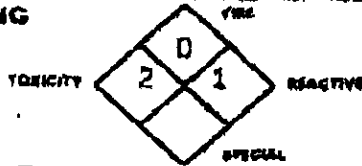
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May be used to comply with OSHA Hazard Communication Standard (29 CFR 1910.1200) Consult OSHA standard for specific requirements

EMERGENCY PHONE: 1-800-841-76

NFPA HAZARD RATING

- 4 - EXTREME
- 3 - HIGH
- 2 - MODERATE
- 1 - SLIGHT
- 0 - INSIGNIFICANT



Trade name: MAID O METAL

Family: LIQUID PATINA

Formula:

DOT Hazard Class: NONE

SECTION II - HAZARDOUS INGREDIENTS

Substance	CAS Reg. Number	Approximate Percentage	OSHA PEL	Carcinogen IARC	Toxic NTP	OSHA
Cu (NO 3) 2	10031433	50	N/A	N	N	N

SECTION III - PHYSICAL DATA

Boiling point (oF): N/A
 Vapor pressure (mmHg): N/A
 Vapor density (air=1): N/A
 Solubility in water: Soluble
 Appearance / odor:
 Specific gravity: 1.6
 % volatile (volume %): 49
 Evap. rate (water=1): N/A
 pH: 0.0. to 0.6

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash point (oF): N/A
 (test method):
 Extinguishing media: N/A
 Special fire fighting procedures:
 Unusual fire / explosion hazard:
 Flammable limits in air (volume %):
 Upper: Lower:
 N/A N/A
 Nitrates when dry, are powerful oxidizing agents, and may explode or emit toxic fumes when exposed to heat and flame.

The data contained herein is drawn from recognized sources and believed to be accurate as of the date of issue. This information is intended for use by persons who have or should obtain professional knowledge and experience in the subjects discussed, and is presented only for your evaluation of the suitability of this product for your use, and for compliance with Federal and state regulations. The manufacturer makes no warranty, express or implied, and disclaims all liability for the accuracy, completeness, and reliability of any information contained herein.

***** SECTION V - HEALTH HAZARD DATA *****

Threshold Limit value: Not established.

Primary Route of Exposure: Inhalation , Skin Contact, Eye Contact, Ingesti

Effects of overexposure: Inhalation: May cause irritation of mucous membr
Skin: May cause irritation and itching. EYES: May cause conjunctivitis,
ulceration and turbidity of cornea. INGESTION: May cause nausea, vomitin
gastric pain and diarrhea.

Emergency first aid procedures: INHALATION: Move to fresh air.
SKIN: Rinse well with soap and water. EYES: Flush with fresh water for
15 minutes. INGESTION: Give large amounts of water and induce vomiting.

NOTE: TO PHYSICIAN: Advise of exposure to copper ammonium salts.

***** SECTION VI - REACTIVITY DATA *****

Stability: STABLE Conditions to avoid:
Incompatibility: Flammable Materials.
Hazardous decomposition products: Oxides of nitrogen and nitric acid.

Hazardous polymerization. Conditions to avoid:
Will not occur.

***** SECTION VII - SPILL OR LEAK PROCEDURES *****

Steps to be taken if material is released or spilled:
Clean up at once. Do not allow dry material to remain near flammable
substances.
Waste disposal method:

In accordance with all state, local and federal regulations.

***** SECTION VIII - SPECIAL PROTECTION INFORMATION *****

Respiratory protection: Not required.
Ventilation - Local exhaust: - None
- Mechanical: None
Protective gloves: Rubber gloves
Eye protection: Safety glasses.
Other protective equipment: None

***** SECTION IX - SPECIAL PRECAUTIONS *****

Precautions for handling and storage:
STORE AWAY FROM FLAMMABLE SUBSTANCES. Keep away from heat and open flame.
Other precautions:

This product contains the following toxic chemical subject to reporting
requirements of section 313 of the Right to know act of 1986 and of
40 CFR 372: CAS # 7440-50-8 Chemical Name: COPPER % by WT.: 16.9