

MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA's 29 CFR 1910, 1200 AND STATE HAZARD COMMUNICATION STANDARD

A BRITE COMPANY
3217 WOOD DRIVE
GARLAND, TEXAS 75041
214-291-0400

24 HOUR EMERGENCY PHONE NUMBER 1-800-424-9300 (CHEMTREC)

SECTION 1: PRODUCT IDENTIFICATION

TRADE NAME: CupraBrite 432 Replenisher
GENERAL OR GENERIC ID: Copper plating bath additive
DATE PREPARED: 7/12/04
LATEST REVISION DATE: 7/12/04
NFPA/HMIS HAZARD CODES
(minimal = 0; slight = 1; moderate = 2; serious = 3; severe = 4)
HEALTH: 1/1 FIRE: 0/0 REACTIVITY: 0/0 SPECIAL: NA

SECTION 2: HAZARDOUS INGREDIENTS IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS #	OSHA PEL	ACGIH TLV	IDLH LEVEL	% WT
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This product does not contain any materials listed as toxic chemicals as defined by the requirements of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III-Section 313. Nor does it does contain materials listed as hazardous as defined by OSHA's Hazard Communication Standard (29 CFR 1910.1200).

*= Reportable under SARA Title III

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

<u>BOILING POINT:</u> 212°F	<u>SPECIFIC GRAVITY:</u> 1.00
<u>VAPOR PRESSURE:</u> N/A	<u>PERCENT VOLATILE:</u> <80
<u>VAPOR DENSITY:</u> N/A	<u>EVAPORATION RATE:</u> N/A
<u>SOLUBILITY IN WATER:</u> complete	
<u>APPEARANCE AND ODOR:</u> Clear liquid with slight odor	

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A FLAMMABLE LIMITS: N/A
EXTINGUISHING MEDIA: Water fog, carbon dioxide, alcohol foam, dry chemical and Halon.
SPECIAL FIRE FIGHTING PROCEDURES: Pressure demand, self contained respiratory protection and protective clothing should be worn by firefighters.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

SECTION 5: REACTIVITY DATA

STABILITY: Stable HAZARDOUS POLYMERIZATION: Will not occur
INCOMPATIBILITY: None known.
CONDITIONS TO AVOID: None known.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 6: HEALTH HAZARD DATA

ROUTES OF ENTRY /SIGNS AND SYMPTOMS OF EXPOSURE:

ACUTE: Mildly irritating to the eyes and skin.
INGESTION: Irritating to tissues of the mouth throat and digestive tract. Industrial chemicals are not to be taken internally.
INHALATION: Inhalation of vapors or mist may cause irritation to tissues of the nose, throat and mucous membranes.
CHRONIC EFFECTS: None known
CARCINOGENS: None under OSHA, IARC or NTP.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.
EMERGENCY AND FIRST AID PROCEDURES:
EYES: Immediately flush with plenty of water for 15 minutes. See a physician.
SKIN: Wash with soap and water. Remove contaminated clothing. See a physician if irritation occurs.
INHALATION: Remove to fresh air. If breathing has stopped start artificial respiration. See a physician.
INGESTION: Call a physician immediately, **DO NOT INDUCE VOMITING DILUTE BY DRINKING WATER (MILK IF AVAILABLE) NEVER GIVE LIQUIDS TO AN UNCONSCIOUS PERSON.**

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURES:

SMALL SPILLS: Flush to treatment system with large amounts of water.
LARGE SPILLS: Contain spill, sweep into suitable containers. Keep out of fish bearing waters.
WASTE DISPOSAL METHOD: Dump to waste water treatment system, observe local, state and federal regulations.

SECTION 8: TRANSPORTATION AND LABELING

REGULATORY INFORMATION:

DOT HAZARD CLASS: Not regulated
SHIPPING NAME: None
ID NUMBER: Not regulated
PACKING GROUP: Not regulated
LABELS: None
TSCA: All components included in the inventory.

SECTION 9: HANDLING AND STORAGE

HANDLING AND STORING: Keep container closed when not in use.
OTHER PRECAUTIONS: Keep out of reach of children. Store in proper chemical storage area.
If water pollution occurs, notify the proper authorities.

SECTION 10: CONTROL MEASURES

RESPIRATORY PROTECTION: Use NIOSH approved respiratory equipment for dust and mist.
VENTILATION: Local exhaust to maintain air contamination.
GLOVES: Rubber gloves, neoprene, or synthetic rubber required.
EYE PROTECTION: Safety glasses or goggles required.
OTHER PROTECTIVE EQUIPMENT: As needed to prevent prolonged or repeated skin contact. Eye wash fountain and safety shower in work area.
WORK/HYGIENIC PRACTICES: Launder contaminated clothing before reuse.

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