

MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION -- CUPRIC SULFATE -- 6810-00-281-2035

===== Product Identification =====

Product ID:CUPRIC SULFATE

MSDS Date:01/01/1987

FSC:6810

NIIN:00-281-2035

MSDS Number: BDSQY

=== Responsible Party ===

Company Name:MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION

Emergency Phone Num:(314)982-5000

CAGE:62910

=== Contractor Identification ===

Company Name:MALLINCKRODT SPE

CIALTY CHEMICALS CO

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:908-859-2151

CAGE:62910

===== Composition/Information on Ingredients =====

Ingred Name:CUPRIC SULFATE PENTAHYDRATE; CAS #7758-99-8.

CAS:7758-99-8

RTECS #:GL8900000

Fraction by Wt: >99%

ACGIH TLV:1MG/CUM(CU DUST

===== Hazards Identification =====

Effects of Overexposure:INH:IRRIT UPPER RESP TRACT;ING:MAY BURN

MOUTH,ESOPHAGUS,VOMITG,H

EADACHE;SKIN/EYES:IRRIT,RDNSS,PAIN.

===== First Aid Measures =====

First Aid:INHAL:RMV TO FRESH AIR.GIVE CPR/OXYGEN IF BREATHING IS

DIFFICULT.GET MD;INGEST:IMMED INDUCE VOMIT BY GIVING 2 GL OF

WATER.NOTHING BY MOUTH IF UNCONSCIOUS.GET MD IMMED;SKIN/EYES:FLUSH

IMMED W/LG QTY H\* 20 FOR 15 MIN.RMV CONTMNTD CLOTHES.GET MED ATTN.

===== Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:EXTINGUISH W.

AGENT SUITABLE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H\*20 SPRAY TO COOL CONTR.  
Unusual Fire/Explosion Hazard:NOT CONSIDERED TO BE AN EXPLOSION HAZARD;SCALED CONTNRS MAY RUPTURE DURING FIRE DUE TO PRESSURE.

===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE AREA OF SPILL.CLEAN UP PERSONS NEED PROTCTV CLOTHG/RESP PROTCTION FM DUST.PICK UP SPILL & PLACE IN A SUITABLE CONTAINER FOR RECLAMATION OR DISPOSAL IN A METHOD THAT DOES NOT GENERATE DUST;DO NOT FLUSH TO SEWER.TOXIC TO FISH

===== Handling and Storage =====

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTNRS AT COOL,DRY,VENTILATED PLACE.PROTECT AGAINST PHY DAMAGE.ISOLATE FROM INCOMPATIBLE SUBSTANCES.SOLN IS CORR TO MILD STEEL  
Other Precautions:AVOID BREATHING DUST.USE W/ADEQUATE VENTILATION.KEEP CONTAINRS CLOSED.WASH THOROUGHLY AFTER HANDLING.AVOID SKIN,EYES & CL  
OTHING CONTACT;SOLUTIONS ARE ACIDIC,REACT W/MAGNESIUM TO GIVE HYDROGEN.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:DUST/MIST RESPIR  
Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.  
Protective Gloves:IMPERVIOUS  
Eye Protection:GOGGLES/FACE SHIELD  
Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE WASH STATION  
Supplemental Safety and Health  
MSDS FM MFR DATED 05AUG85,CONFORMS TO OSHA HAZ COMM STD; MELTING PT:LOSES WATE @1  
10C(230F); DECOMPOSES ABOVE 400C(752F).

===== Physical/Chemical Properties =====

HCC:N1  
Spec Gravity:2.28  
Solubility in Water:APPRECIABLE  
Appearance and Odor:TRNSPRNT BLUE CRYSTLN CRANULES/POWDER.ODORLESS

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
>250C THE ANHYDROUS SALT WILL IGNITE HYDROXYLAMIN.  
Hazardous Decomposition Products:EMITS OXIDES OF SULFUR & COPPER WHEN HEATED TO DECOMPOSITION

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===== Disposal Considerations =====

Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECLAMATION MAY BE  
DISPOSD AS HAZ WASTE IN A RCRA APPRVD WASTE DISPOSAL  
FACILITY.COMPLY WITH LOCAL,ST. & FED REGS; CWA/CERCLA  
RQ:10LBS(ANHYDROUS).

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