

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

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Product Identification
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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 SP

ECIALTY CHEMICALS CO

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:908-859-2151

CAGE:62910

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Composition/Information on Ingredients
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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

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Hazards Identification
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Effects of Overexposure:INH:IRRIT UPPER RESP TRACT;ING:MAY BURN
MOUTH,ESOPHAGUS,VOMITG,
HEADACHE;SKIN/EYES:IRRIT,RDNSS,PAIN.

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First Aid Measures
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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.

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Fire Fighting Measures
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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 & CLOTHING 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 @

110C(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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