

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-775/7758-98-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
7758-98-7

Code:
M

RTECS:
GL8800000

Code:
M

Name:
CUPRIC SULFATE (SARA III)

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
1 MG (CU)/M3

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
1 MG(CU)/M3; 9394

Code:
M N/P

ACGIHSTEL:
EPA Rpt Qty: 10 LBS DOT Rpt Qty: 10 LBS Ozone

Code:
1 ACGIH STEL:

Control Measures

Respiratory Protection:
IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR. USE IN ACCORDANCE WITH 29 CFR 1910.134.

Ventilation:
USE ADEQUATE MECHANICAL VENTILATION TO MAINTAIN EXPOSURE BELOW PEL/TLV.

Protective Gloves:
RUBBER

Eye Protection:
SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:
Equipment CLOTHING TO PREVENT SKIN CONTACT. EYE WASH STATION &SAFETY SHOWER.

Work Hygienic Practices:
WASH AHNDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT) IS 300 MG/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE: INHALATION MAY CAUSE IRRITATION OF MUCOUS MEMBRANES. CONTACT MAY CAUSE SKIN IRRITATION AND INJURE EYES. INGESTION MAY CAUSE HEMOLYSIS, URINARY SYSTEM EFFECTS, JAUNDICE, PROSTRATION, ANURIA, ANE MIA, COMA. CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY CAUSE SYSTEMIC EFFECTS (DAMAGE TO KIDNEY AND LIVER FUNCTION).

Explanation Of Carcinogenicity:
NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs And Symptions Of Overexposure:
INHALED: COUGHING, SNEEZING, WHEEZING, SHORTNESS OF BREATH. EYES: BURNING, PAIN, REDNESS, DISCOMFORT. SKIN: REDNESS, ITCHING, DISCOMFORT. INGESTED: VOMITING, GASTROENTERIC PAIN, HEMORRHAGES.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
INHALED: REMOVE TO FRESH AIR AND SEEK MEDICAL AID. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL AID. SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATER. INGESTED: IF C ONSCIOUS, GIVE 1-2 GLASSES OF WATER, THEN INDUCE VOMITING. IMMEDIATELY CALL DOCTOR OR POISON CONTROL CENTER. NOTE TO DR- PROBABLE MUCOSAL DAMAGE MAY PRECLUDE GASTRIC LAVAGE.

Spill Release Procedures:
VENTILATE AREA. SWEEP UP, PLACE IN A BAG AND HOLD FOR DISPOSAL. AVOID RAISING DUST. WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
DISSOLVE IN WATER; PRECIPITATE AS ITS SULFIDE, ADJUSTING PH TO 7; FILTER INSOLUBLES AND DISPOSE OF THEM IN A HAZWASTE SITE. DESTROY ANY EXCESS SULFIDE WITH SODIUM HYPOCHLORITE, NEUTRALIZE SOLUTION BE FORE FLUSHING DOWN DRAIN (SIGMA-ALDRICH).

Handling And Storage Precautions:
STORE IN A COOL, DRY AREA. KEEP TIGHTLY CLOSED.

Other Precautions:
NONE FOUND. NONE SPECIFIED BY MANUFACTURER. 2

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NOT APPLICABLE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
WATER, CARBON DIOXIDE, DRY CHEMICAL

Fire Fighting Procedures:
WEAR SELF-CONTAINED BREATHING APPARATUS. KEEP WATER FROM FIRE FIGHTING FROM ENTERING WATERWAYS AND SEWERS.

Unusual Fire/Explosion Hazard:
NONE

Physical/Chemical Properties

HCC:
V7

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
302F,150C 3

Melt /Freeze Pt:

M.P/F.P Text:
230F,110C

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
7.3 MM HG

Vapor Density:
UNKNOWN

Volatile Org Content %:

Spec Gravity:
2.284

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity:
N/R

Evaporation Rate & Reference:
UNKNOWN

Solubility in Water:
APPRECIABLE

Appearance and Odor:
BLUE CRYSTALS OR POWDER; NO ODOR

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
CONTACT WITH INCOMPATIBLE MATERIALS. AVOID HIGH TEMPERATURES, EXPOSURE TO AIR.

Materials To Avoid:
HYDROXYLAMINE, MAGNESIUM, FINELY DIVIDED METALS.

Hazardous Decomposition Products:
OXIDES OF SULFUR

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P