

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:**

N/P

ACGIH TLV:

1 MG(CU)/M3; 9394

Code:

M N/P

ACGIH STEL:

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 HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health:

N/P

Health Hazards Data

LD50/LC50 Mixture:

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, ANEMIA, 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 Symptoms 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 CONSCIOUS, 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 BEFORE 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

H2:

V7

NRC State Lic No:

N/R

Net Wt For Ammo:**Boiling Point:****B.P. Text:**

302F, 150C

Melt/Freeze Pt:**M.P./F.P. Text:**

230F, 110C

Decomp Temp:**Decomp Text:**

UNKNOWN

Vapor Pres:

7.3 MM HG

Vapor Density:

UNKNOWN

Extincting 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

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:**Information N/P:**

Regulatory Information

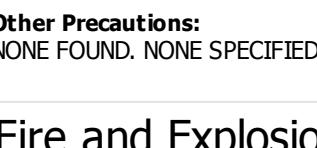
Sara Title III Information: N/P**Federal Regulatory Information: N/P****State Regulatory Information: N/P**

Other Information

Other Information: N/P

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

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The product information in this document is based on the present state of our knowledge and is not a guarantee of the properties of the product. Lookchem shall not be liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.



Look for Chemicals

www.lookchem.com