

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-131/1317-38-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
1317-38-0
Code:
T

RECS:
GL7900000
Code:
T

Name:
CUPRIC OXIDE 1 Environmental Wt: Other REC Lim

Other REC Limits:
NOT ESTABLISHED

OSHA PEL:
1000 PPM
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
1000 PPM
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE PROCESS ENCLOSURES. LOCAL EXHAUST VENTILATION OR OTHERENGINEERING CONTROLS TO KEEP AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS. DUST RESPIRATOR SHOULD BE USED. A SELF CONTAINED BREATHING APP ARATUS SHOULD BE USED TO AVOID INHALATION OF THE PRODUCT.

Ventilation:
IF USER OPERATIONS GENERATE DUST, FUME OR MIST USE VENTILATION TO KEEP EXPOSURE TO AIRBORNE CONTAMINANTS BELOW THE EXPOSURE LIMIT.

Protective Gloves:
GLOVES

Eye Protection:
SPLASH GOGGLES.

Other Protective Equipment:
Equipment FULL SUIT DUST RESPIRATOR, BOOTS, LAB COAT, BE SURE TO USE AN APPROVED CERTIFIED RESPIRATOR OR EQUIVALENT TO AVOID INHALATION OF THE PRODUCT.

Work Hygienic Practices:
NOT PROVIDED.

Supplemental Safety and Health:
3 P/N: C1415. GESTED PROTECTIVE CLOTHING MIGHT NOT BE SUFFICIENT, CONSULT A SPECIALIST BEFORE HANDLING THIS PRODUCT.

Health Hazards Data

LD50LC50Mixture:
NOT PROVIDED.

Route Of Entry Inds - Inhalation:
N/P

Skin:
N/P

Ingestion:
N/P

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
POTENTIAL ACUTE HEALTH EFFECTS: HAZARDOUS IN CASE OF EYE CONTACT (IRRITANT), OF INGESTION, OF INHALATION. SLIGHTLY HAZARDOUS IN CASE OF SKIN CONTACT (IRRITANT). POTENTIAL CHRONIC HEALTH EFFECTS: THE S UBSTANCE IS TOXIC TO LUNGS, MUCOUS MEMBRANES. REPEATED OR PROLONGED EXPOSURE TO THE SUBSTANCE CAN PRODUCE TARGET ORGANS DAMAGE.

Explanation Of Carcinogenicity:
NOT AVAILABLE.

Signs And Symptions Of Overexposure:
NOT PROVIDED.

Medical Cond Aggravated By Exposure:
NOT PROVIDED.

First Aid:
EYE CONTACT: CHECK AND REMOVE ANY CONTACT LENSES. DO NOT USE EYE OINTMENT. SEEK MEDICAL ATTENTION. SKIN CONTACT:AFTER CONTACT, WASH IMMEDIATELY WITH PLENTY OF WATER. WASH THE CONTAMINATED SKIN WITH RU NNING WATER AND NON-ABRASIVE SOAP. BE PARTICULARLY CAREFUL TO CLEAN FOLDS CREVICES, CREASES AND GROIN. COVER SKIN WITH AN EMOLLIENT. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION. INHALATION: ALLOW THE VICTIM TO REST IN A WELL VENTILATED AREA. SEEK IMMEDIATE MEDICAL ATTENTION. INGESTION: DO

Spill Release Procedures:
SMALL SPILL: USE APPROPRIATE TOOLS TO PUT SPILLED SOLID IN A CONVENIENT WASTE DISPOSAL CONTAINER. FINISH CLEANING BY SPREADING WATER ON CONTAMINATED SURFACE AND DISPOSE OF ACCORDING TO LOCAL REQUIREM ENTS. LARGE SPILL: USE A SHOVEL TO PUT MATERIAL INTO A CONVENIENT WASTE DISPOSAL CONTAINER. SPREAD WATER ON CONTAMINATED SURFACE AND ALLOW TO EVACUATE THROUGH THE SANITARY SYSTEM. CHECK TLV.

Neutralizing Agent:
NOT RELEVANT.

Waste Disposal Methods:
RECYCLE TO PROCESS, IF POSSIBLE. CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES.

Handling And Storage Precautions:
2 NO SPECIFIC STORAGE IS REQUIRED. USE SHELVES OR CABINETS STURDY ENOUGH TO BEAR THE WEIGHT OF THE CHEMICALS. BE SURE THAT IT IS NOT NECESSARY TO STRAIN TO REACH MATERIALS, AND THAT SHELVES ARE NOT OVER LOADED.

Other Precautions:
DO NOT BREATHE DUST. AVOID CONTACT WITH EYES. WEAR SUITABLE PROTECTIVE CLOTHING. IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT. IF YOU FEEL UNWELL, SEEK MEDICAL ATTENTION AN D SHOW THE LABEL WHEN POSSIBLE.

Fire and Explosion Hazard Information

Flash Point Method:
N/A

Flash Point:

Flash Point Text:
NOT APPLICABLE.

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
NOT APPLICAP

Upper Limits:
NOT APPLICAP

Extinguishing Media:
NON-FLAMMABLE

Fire Fighting Procedures:
NOT APPLICABLE.

Unusual Fire/Explosion Hazard:
NOT AVAILABLE.

Physical/Chemical Properties

HCC:
T6

NRC/State LIC No:
NOT RELEVANT.

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
NOT AVAILABLE.

Melt/Freeze Pt:

M,P/F,P Text:
DECOMPOSES

Decomp Temp:

Decomp Text:
NOT PROVIDED.

Vapor Pres:
NOT APPLICABLE.

Vapor Density:
NOT APPLIC

Volatile Org Content %:

Spec Gravity:
6.315(WATER=1)

VOC Pounds/Gallon:

PH: NOT RELEVANT.

VOC Grams/Liter:

Viscosity:
NOT RELEVANT.

Evaporation Rate & Reference:
NOT RELEVANT.

Solubility in Water:
INSOLUBLE IN COLD WATER.

Appearance and Odor:
SOLID

Percent Volatiles by Volume:
NOT RELEVANT

Corrosion Rate:
NOT PROVIDED.

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NOT AVAILABLE.

Materials To Avoid:
NOT AVAILABLE.

Hazardous Decomposition Products:
NOT AVAILABLE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT PROVIDED.

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



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WARRANTY
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