

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-100/10031-43-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
10031-43-3
Code:
M

RTECS:
GL7875000
Code:
M

Name:
CUPRIC NITRATE TRIHYDRATE, COPPER(II) NITRATE TRI

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
1 MG/CU M (COPPER)
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
IF >TLV, WEAR A MSHA/NIOSH APPROVED FULL FACE RESPIRATOR. FOR EXAMPLE: WILSON 1200 W/EITHER BLACK R21 ORGANIC VAPOR CARTRIDGE OR YELLOW R5 ORGANIC VAPOR/ACID GAS CARTRIDGE.

Ventilation:
PROVIDE MECHANICAL/LOCAL EXHAUST VENTILATION TO KEEP

Protective Gloves:
RUBBER

Eye Protection:
GOGGLES OR FACE SHIELD

Other Protective Equipment:
Equipment IMPERVIOUS CLOTHING, APRON, BOOTS, EYE WASH FOUNTAIN, &SAFETY SHOWER

Work Hygienic Practices:
WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health:
NOTE TO PHYSICIAN: MUCOSAL DAMAGE MAY CONTRAINDICATE THE USE OF GASTRIC LAVAGE. MEASURES AGAINST CIRULATORY SHOCK, RESPIRATORY DEPRESSION, & CONVULSION MAY BE NEEDED.

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT): 3.81 G/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INHALATION/INGESTION: HARMFUL & FATAL. EYES: CORROSIVE & IRREVERSIBLE DAMAGE. SKIN: CORROSIVE, BURNS, ALLERGIC DERMATITS, & HARMFUL/FATAL.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
INHALATION/INGESTION: HARMFUL/FATAL. SKIN: CORROSIVE, BURNS, HARMFUL, FATAL, & ALLERGIC DERMATITIS. EYES: CORROSIVE & IRREVERSIBLE DAMAGE.

Medical Cond Aggravated By Exposure:
N/K 2

First Aid:
EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: WASH W PLENTY OF WATER. INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. INGESTION: DRINK 1 OR 2 GLASSES OF WATER. DON'T INDUCE VOM ITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Spill Release Procedures:
WEAR PROTECTIVE CLOTHING. KEEP SPILLS OUT OF MUNICIPAL SEWERS & OPEN BODIES OF WATER. DIKE & ABSORB SPILL W/INERT MATERIAL (DRY EARTH & SAND). SHOVEL ALL CONTAMINATED SOLIDS, DIKING MATERIAL, ABSORBEN T & SOIL INTO CORROSION PROOF DRUMS.

Neutralizing Agent:
N/K

Waste Disposal Methods:
RCRA NO. D002. LANDFILL CONTAMINATED SOLIDS IN SEALED DRUMS IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. CORROSIVE SOLID. RECONDITION OR DISPOSE OF EMPTY CONTAINERS IN ACCORDANCE W/GOVERNMENT REGULATIONS.

Handling And Storage Precautions:
DON'T GET IN EYES, SKIN, & CLOTHING. WEAR PROOTECTIVE EQUIPMENT. AVOID BREATHING VAPOR OR MIST. AVOID CONTAMINATION OF FOOD. DON'T TAKE INTERNALLY.

Other Precautions:
WASH THOROUGHLY AFTER HANDLING. KEEP AWAY FROM HEAT & OXIDIZERS. KEEP CONTAINER SECURELY CLOSED WHEN NOT IN USE. USE W/ADEQUATE VENTILATION.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/R

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
NON-COMBUSTIBLE

Fire Fighting Procedures:
WEAR MSHA/NIOSH APPROVED, PRESSURE DEMAND SELF-CONTAINED RESPIRATOR & FULL PROTECTIVE GEAR. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:
AVOID EXPOSUR TO FUMES & VAPORS FROM A FIRE, CAN POSSIBLY INCLUDE SULFUR DIOXIDE, HYDROGEN CHLORIDE, & OXIDES OF NITROGEN.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
212F

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
17

Vapor Density:
0.62

Volatile Org Content %:

Spec Gravity:
1.03

VOC Pounds/Gallon:

PH: 3-5.0

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
(BU AC = 1):

Solubility in Water:
COMPLETE

Appearance and Odor:
PALE YELLOW-GREEN LIQUID W/MILD AROMATIC ODOR

Percent Volatiles by Volume:
96%

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
N/K

Materials To Avoid:
STRONG OXIDIZING AGENTS

Hazardous Decomposition Products:
HYDROGEN CHLORIDE, OXIDES OF SULFUR &NITROGEN

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

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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