

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-134/1344-67-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
1344-67-8

Code:
M

RTECS:
GL7000000

Code:
M

Name:
COPPER(II) CHLORIDE (1:2)

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
2 MG/M3 (CU)

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
2 MG/M3 (CU)

Code:
M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:
NONE SPECIFIED BY MANUFACTURER.

Ventilation:
MECHANICAL (GENERAL)

Protective Gloves:
RUBBER OR PLASTIC

Eye Protection:
4 SAFETY GLASSES

Other Protective Equipment:
Equipment EYEBATH, SAFETY SHOWER.

Work Hygienic Practices:
WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health:
KEY 1:C2. THIS ITEM IS PART OF A KIT. THIS MSDS IS AN UPDATE OF PN IND L UNDER THIS NSN AND CAGE.

Health Hazards Data

LD50/LC50 Mixture:
NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE: ABOVE THE THRESHOLD LIMIT VALUE- DIZZINESS, DROWSINESS, DISTURBANCE OF VISION. SWALLOWING MAY RESULT IN VOMITTING, HEADACHE, SHORTNESS OF BREATH, CONFUSION, VISUAL DISTURBANCES. CHRONIC: IMPAIRMENT OF VISION.

Explanation Of Carcinogenicity:
NONE SPECIFIED BY MANUFACTURER.

Signs And Symptoms Of Overexposure:
ABOVE THE THRESHOLD LIMIT VALUE: DIZZINESS, HEADACHE, DRUNKEN BEHAVIOR, CYANOSIS (BLUE-GRAY COLORING OF SKIN AND LIPS).

Medical Cond Aggravated By Exposure:
DERMATITIS

First Aid:

FLUSH SKIN AND EYES WITH WATER AT LEAST 15 MINUTES. IF INHALED, REMOVE TO FRESH AIR. CALL PHYSICIAN IMMEDIATELY IN CASE OF INGESTION.

Spill Release Procedures:
ELIMINATE ALL SOURCES OF IGNITION. WEAR SUITABLE PROTECTIVE CLOTHING. COLLECT FOR DISPOSAL.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:
3 KEEP AWAY FROM HEAT, SPARKS, AND FLAME. AVOID BREATHING VAPOR. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. USE WITH ADEQUATE VENTILATION.

Other Precautions:
REACTION OF METHANOL WITH NITRIC ACID PRODUCES METHYLNITRATE, WHICH CAN EXPLODE VIOLENTLY IF SHOCKED MECHANICALLY OR HEATED.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

N/P

Melt/Freeze Pt:

N/P

Decomp Temp:

N/A

Decomp Text:

N/A

Vapor Pres:

N/R

Vapor Density:

N/R

Extinguishing Media:

ALL PURPOSE FOAM FOR LARGE FIRES. WATER SPRAY, CARBON DIOXIDE, OR DRY CHEMICAL FOR SMALL FIRES.

Fire Fighting Procedures:

NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:

MAY EMIT TOXIC AND CORROSIVE FUMES OF HYDROGEN CHLORIDE

Physical/Chemical Properties

HCC:
F2

NRC/State LIC No:

N/R

Net Prop WT For Amno:

N/R

Boiling Point:

N/R

N/P. Text:

N/R

Melt/Freeze Pt:

N/R

N/P. Text:

N/R

Decomp Temp:

N/A

Decomp Text:

N/A

Vapor Pres:

N/R

Vapor Density:

N/R

Volatile Org Content %:

N/A

SPEC Grav:

>1

VOC Pounds/Gallon:

N/A

PH:

N/R

VOC Grams/Liter:

N/A

Visco **sity:**

N/R

Evaporation Rate & Reference:

N/R

SOLUBILITY in Water:

SOLUBLE IN WATER

CLEAR GREEN LIQUID, PRACTICALLY ODORLESS

Percent Volatiles by Volume:

N/R

Corrosion Rate:

N/P 5

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

IGNITION SOURCES

Materials To Avoid:

ALKALI METALS, NITRIC AND SULFURIC ACID, ALDEHYDES, ACYLCHLORIDES, OXIDIZING AGENTS, ACIDS

Hazardous Decomposition Products:

CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES, MERCURY/MERCURY OXIDES, HYDROGEN CYANIDE.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NONE SPECIFIED BY MANUFACTURER.

Toxicological Information

Information:

N/P

MSDS Transport Information

Information:

N/P

Regulatory Information

Title III Information:

N/P

Federal Regulatory Information:

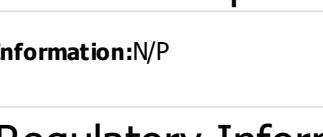
N/P

State Regulatory Information:

N/P

Other Information:

N/P



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