

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-120/12069-69-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
12069-69-1
Code:
M

RTECS:
GS4360000
Code:
M

Name:
COPPER ALKANOLAMINE COMPLEX

Other REC Limits:
NONE SPECIFIED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NIOSH APPROVED DUST RESPIRATOR

Ventilation:
MECHANICAL EXHAUST RECOMMENDED.

Protective Gloves:
AS REQUIRED

Eye Protection:
SAFETY GLASSES

Other Protective Equipment:
Equipment SAFETY SHOWER EYE BATH

Work Hygienic Practices:
WASH THOROUGHLY BEFORE EATING OR SMOKING. DO NOT EAT, DRINK, OR SMOKE IN WORK AREA.

Supplemental Safety and Health:
REQUIRES EPA LABEL

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation:
NO

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
CONTACT WITH SKIN OR EYES MAY BE IRRITATION. INHALED DUST MAY BE IRRITATION TO MUCOUS MEMBRANES.

Explanation Of Carcinogenicity:
NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A KNOWN OR SUSPECTED CARCINOGEN.

Signs And Symptions Of Overexposure:
EYE, SKIN & RESPIRATORY TRACT IRRITATION.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
3 EYES:PROMPTLY FLUSH EYES WITH WATER FOR 15 MINUTES, LIFTING EYE LIDS. GET MEDICAL ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHING & WASH SKIN WITH WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INH ALATION:MOVE VICTIM PROMPTLY TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET MEDICAL ATTENTION.

Spill Release Procedures:
SWEEP UP MATERIAL AND PLACE IN DISPOSAL CONTAINER.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
INCINERATE IN A FURNACE OR SANITARY LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:
AVOID GETTING ON SKIN OR IN EYES. DO NOT STACK WET MATERIAL. STORE IN A COOL DRY PLACE. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:
KEEP CONTAINERS CLOSED WHEN NOT IN USE. FOLLOW USE DIRECTIONS ON LABEL.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
NONE

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
WATER,CARBON DIOXIDE, DRY CHEMICAL OR FOAM

Fire Fighting Procedures:
NONE 4

Unusual Fire/Explosion Hazard:
DECOMPOSITION OF WET CHEMICAL MAY CAUSE AUTO-IGNITION ABOVE 150F

Physical/Chemical Properties

HCC:
T5

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/R

Melt /Freeze Pt:

M.P/F.P Text:
UNKNOWN

Decomp Temp:

Decomp Text:
>150F (WET) 5

Vapor Pres:
N/R

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
N/R

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
NOT APPLICABLE

Solubility in Water:
COMPLETE (CHEMICALS)

Appearance and Odor:
BLUE GREEN GRANULES, SLIGHT ODOR.

Percent Volatiles by Volume:
0

Corrosion Rate:
N/R

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
TEMPERATURES ABOVE 150F ESPECIALLY IF MATERIAL IS DAMP.

Materials To Avoid:
STRONG ACIDS

Hazardous Decomposition Products:
THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF NITROGEN, CARBON, AND AMMONIA.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT APPLICABLE

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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