

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

ACGIH STEL:

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

LD50/LC50 Mixture:

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 Symptoms 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. INHALATION: 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:**

N/R

Decomp Temp:**Decomp Text:**

>150F (WET) 5

Vapor Pres:

N/R

Vapor Density:

N/R

Volatile Org Content %:

NONE

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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