

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-124/124-03-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
124-03-8
Code:
M

RTECS:

Code:
X

Name:
AMMONIUM,ETHYLHEXADECYLDIMETHYL-,BROMIDE/BRETOL

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NONE REQUIRED.

Ventilation:
ADEQUATE

Protective Gloves:
RUBBER IF SPILLED

Eye Protection:
SAFETY GOGGLES IF SPILLED

Other Protective Equipment:
Equipment EYE WASH STATION AND SAFETY SHOWER, WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:
OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health:
5 FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A UNDER THE SAME NSN.

Health Hazards Data

LD50LC50Mixture:
LD50(ORAL RAT) FOR KCN: 5 MG/KG, RTECS

Route Of Entry Inds - Inhalation:
NO

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE- IRRITATIONS TO SKIN AND EYES. IF INGESTED, WEAKNESS, DIZZINESS, HEADACHE, NAUSEA, VOMITING. SKIN ABSORPTION MAY OCCUR. CHRONIC- UNKNOWN. TARGET ORGANS:SKIN, EYES, CENTRAL NERVOUS SYSTEM.

Explanation Of Carcinogenicity:
3 NONE

Signs And Symptions Of Overexposure:
EYE AND SKIN IRRITATION, WEAKNESS, DIZZINESS, HEADACHE, NAUSEA AND VOMITING

Medical Cond Aggravated By Exposure:
UNKNOWN

First Aid:
GET MEDICAL HELP IMMEDIATELY. EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CYANIDE POISONING TREATMENT. ORAL :IF CONSCIOUS, GIVE EMETIC (WARM SALT WATER) UNTIL VOMIT IS CLEAR. IF UNCONSCIOUS, GIVE INHALATION OF AMYL NITRATE (OR AMMONIA) 15-30 SECONDS, EVERY 15 MINUTES FOR 1 HOUR. CALL POISON CONTROL CENTER.

Spill Release Procedures:
VENTILATE AREA. NEUTRALIZE WITH STRONG ALKALINE SOLUTIONS OF CALCIUM/SODIUM HYPOCHLORITE. ABSORB USING TOWELS/ABSORBENT MATERIAL. TRANSFER TO BIO-HAZARD BAGS. FLUSH SPILL AREA THOROUGHLY WITH WATER TO APPROVED OUTSIDE DRAINAGE.

Neutralizing Agent:
POTASSIUM HYDROXIDE + CALCIUM OR SODIUM HYPOCHLORITE

Waste Disposal Methods:
SEND TO AN EPA APPROVED WASTE TREATMENT AND DISPOSAL FACILITY. FOLLOW ALL LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:
STORE AT ROOM TEMPERATURE, IN A CLOSED CONTAINER AWAY FROM INCOMPATIBLE MATERIALS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:
AVOID EYE OR SKIN CONTACT. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. AVOID EXCESSIVE LIGHT.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE 4

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
WATER SPRAY, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:
WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:
NONE

Physical/Chemical Properties

HCC:
T2

NRC/State LIC No:
NOT RELEVANT

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
212F,100C

Melt/Freeze Pt:

M.P/F.P Text:
NOT KNOWN

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
UNKNOWN

Vapor Density:
UNKNOWN

Volatile Org Content %:

Spec Gravity:
APPROX. 2.0

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
UNKNOWN

Solubility in Water:
100%

Appearance and Odor:
YELLOW LIQUID

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
CONTACT WITH ACIDS, EXCESSIVE LIGHT

Materials To Avoid:
ACIDS, ACID SALTS AND OXIDIZERS

Hazardous Decomposition Products:
NONE

Hazardous Polymerization Indicator:
NO 6

Conditions To Avoid Polymerization:
NOT RELEVANT

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