

# 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

**ACGIH STEL:**

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 Symptoms 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:****Decomp Temp:****Decomp Text:****Vapor Pres:****UNKNOWN****Vapor Density:****Volatile Org Content %:****Spec Gravity:**

APPROX. 2.0

**VOC Pounds/Gallon:****PH:**

N/K

**VOC Grams/Liter:****Viscosity:**

N/P

**Evaporation Rate & Reference:****Evaporation Rate:****Solubility in Water:**

100%

**Appearance and Odor:**

YELLOW LIQUID

**Percent Volatiles by Volume:**

N/K

**UNKNOWN****Conditions To Avoid:****Reactivity:****NOT RELEVANT**

## 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

**Conditions To Avoid Polymerization:****NOT RELEVANT**

## Toxicological Information

**Information:****N/P**

## Regulatory Information

**Title III Information:**

N/P

**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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