

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-51/51-55-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
51-55-8
Code:
M

RTECS:
CK0700000
Code:
M

Name:
ATROPINE

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 NORMALLY REQUIRED. IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134 .

Ventilation:
NONE NORMALLY REQUIRED (WHEN USING/HANDLING AUTOINJECTOR).

Protective Gloves:
LATEX SURGICAL, AS A MINIMUM

Eye Protection:
SAFETY GOGGLES

Other Protective Equipment:
Equipment DISPOSABLE PROTECTIVE APPAREL

Work Hygienic Practices:
WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health:
SYRINGE IS PART OF NERVE AGENT ANTIDOTE KIT , NSN: 6505-01-174-9919.

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT) IS 620 MG/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE: MAY BE HARMFUL IF INHALED, ABSORBED THROUGH SKIN, OR SWALLOWED. CHRONIC: UNKNOWN.

Explanation Of Carcinogenicity:
ATROPINE IS NOT LISTED BY NTP, IARC, OR OSHA AS A CARCINOGEN.

Signs And Symptoms Of Overexposure:
2 DELERIUM, TACHYCARDIA, AND FEVER.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
INHALED: REMOVE PERSON TO FRESH AIR. SEEK MEDICAL ATTENTION. INGESTED: FLUSH MOUTH WITH WATER. SEEK MEDICAL ATTENTION. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION. SKIN: REMO VE CONTAMINATED CLOTHING. FLUSH AREA WITH WATER. SEEK MEDICAL ATTENTION.

Spill Release Procedures:
WEAR RECOMMENDED PROTECTIVE EQUIPMENT. VACUUM SPILLAGE WITH VACUUM CLEANER WITH HEPA FILTER OR ABSORB LIQUID WITH PAPER TOWELS. WIPE WORKING SURFACES TO DRYNESS, THEN WASH WITH SOAP AND WATER.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

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

Handling And Storage Precautions:
AVOID ALL CONTACT AND INHALATION OF DUST, FUMES, MISTS, AND/OR VAPORS ASSOCIATED WITH THE PRODUCT.

Other Precautions:
NONE SPECIFIED BY MANUFACTURER.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R 3

Extinguishing Media:
MEDIA APPROPRIATE FOR SURROUNDING FIRE.

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

Unusual Fire/Explosion Hazard:
ATROPINE EMITS TOXIC FUMES WHEN HEATED TO DECOMPOSITION OR FIRE CONDITIONS.

Physical/Chemical Properties

HCC:
T6

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
UNKNOWN

Melt/Freeze Pt:

M.P/F.P Text:
UNKNOWN

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
UNKNOWN

Vapor Density:
UNKNOWN

Volatile Org Content %:

Spec Gravity:
UNKNOWN

VOC Pounds/Gallon:

PH: 4-5

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
UNKNOWN

Solubility in Water:
SLIGHT

Appearance and Odor:
CLEAR, COLORLESS TO SLIGHTLY YELLOW SOLUTION

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
EXPOSURE TO LIGHT MAY CAUSE DECOMPOSITION.

Materials To Avoid:
NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:
NONE SPECIFIED BY MANUFACTURER.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE

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