

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-116/116-38-1.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
116-38-1  
**Code:**  
M  
**RTECS:**

**Code:**  
X  
**Name:**  
EDROPHONIUM CHLORIDE

**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:**  
NONE NORMALLY REQUIRED.

**Ventilation:**  
USE ADEQUATE MECHANICAL VENTILATION.

**Protective Gloves:**  
RUBBER 4

**Eye Protection:**  
SAFETY GLASSES WHERE SPLASHING OCCURS

**Other Protective Equipment:**  
Equipment NONE SPECIFIED BY MANUFACTURER.

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

**Supplemental Safety and Health:**  
N/P

## 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:**  
ACUTE: MAY CAUSE IRRITATION OF SKIN AND EYES ON CONTACT. MAY CAUSE CENTRAL NERVOUS SYSTEM STIMULATION FOLLOWED BY DEPRESSION IF INGESTED OR ACCIDENTLY INJECTED. CHRONIC: NONE SPECIFIED BY MANUFACTURER .

**Explanation Of Carcinogenicity:**  
NO INGREDIENT OF A CONCENTRATION OF 0.1 % OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

**Signs And Symptions Of Overexposure:**  
EYES: TEARING, BURNING SENSATION, REDNESS. SKIN: REDNESS, RASH, ITCHING. INJECTED/INGESTED: AGITATION, HYPERACTIVITY; THEN HEADACHE, STUPOR, DIZZINESS.

**Medical Cond Aggravated By Exposure:**  
SENSITIVE PERSONS MAY EXPERIENCE PROBLEMS WITH CHOLINERGIC NERVES.

**First Aid:**  
INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NEEDED. EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHES AND RINSE WITH WATER FOR 5 MINUTES. INGESTED/INJE CTED: TREAT SYMPTOMATICALLY; IF SEVERE REACTION; GIVE ATROPINE SULFATE.

**Spill Release Procedures:**  
WIPE UP WITH RAGS OR SIMILAR MATERIALS. PLACE IN CONTAINERS FOR LATER DISPOSAL.

**Neutralizing Agent:**  
NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**  
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. MANUFACTURER STATES: FOLLOW PROCEDURES FOR DIPOSAL FOR ACTIVE DRUGS. 3

**Handling And Storage Precautions:**  
STORE IN A COOL, DRY PLACE. KEEP CONTAINERS TIGHTLY CLOSED.

**Other Precautions:**  
NONE SPECIFIED BY MANUFACTURER.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NONFLAMMABLE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
MEDIA APPROPRIATE FOR SURROUNDING FIRE.

**Fire Fighting Procedures:**  
WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

**Unusual Fire/Explosion Hazard:**  
FIRE MAY PRODUCE IRRITATING OR HARMFUL GASES.

## Physical/Chemical Properties

**HCC:**  
N1

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
>212F,>100C

**Melt /Freeze Pt:**

**M.P/F.P Text:**  
UNKNOWN

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN

**Vapor Pres:**  
23.8

**Vapor Density:**  
<1 (AIR=1)

**Volatile Org Content %:**

**Spec Gravity:**  
1

**VOC Pounds/Gallon:**

**PH:** 5.4

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**

**Solubility in Water:**  
APPRECIABLE

**Appearance and Odor:**  
CLEAR, COLORLESS, ODORLESS LIQUID

**Percent Volatiles by Volume:**  
96

**Corrosion Rate:**  
UNKNOWN 5

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NONE SPECIFIED BY MANUFACTURER.

**Materials To Avoid:**  
STRONG ALKALIS

**Hazardous Decomposition Products:**  
NONE SPECIFIED BY MANUFACTURER.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NONE SPECIFIED BY MANUFACTURER.

## 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