

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-903/9039-61-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
9039-61-6  
**Code:**  
M

**RTECS:**  
UK9588000  
**Code:**  
M

**Name:**  
BATROXOBIN, REPTILASE-R

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/K  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
N/K

**Ventilation:**  
N/K

**Protective Gloves:**  
LABORATORY-GRADE CHEMICAL-RESISTANT

**Eye Protection:**  
N/K

**Other Protective Equipment:**  
Equipment N/K

**Work Hygienic Practices:**  
N/K

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

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

**Route Of Entry Inds - Inhalation:**  
NO

**Skin:**  
YES

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
SKIN: FATAL IF INJECTED DIRECTLY INTO BLOODSTREAM, ALLERGIC REACTIONS, DIZZINESS, NAUSEA, VOMITING, BLEEDING FROM THE NOSE, INTESTING, & URINARY TRACT, RESPIRATORY DEPRESSION. MAY RESULT IN RED BLOOD CELL LYSIS & REDUCTION IN NUMBER OF PLATELETS. EYES: IRRITATION.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
N/K

**Medical Cond Aggravated By Exposure:**  
N/K

**First Aid:**  
INGESTION: WASH OUT MOUTH W/WATER. SKIN/EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. HOLD EYELIDS APART W/FINGERS. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
WEAR PROTECTIVE EQUIPMENT. CLEAN SPILL SITE, & HOLD MATERIAL FOR APPROPRIATE WASTE DISPOSAL. WASH SPILL SITE W/1% BLEACH SOLUTION.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
ACTIVE COMPONENT OF THE VENOM COLLECTION TUBES IS BATROXOBIN, A DERIVATIVE OF THE SNAKE VENOM FROM BOTHROPS ATROX. 2

**Other Precautions:**  
N/K

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/K

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
WATER SPRAY, CO2, DRY CHEMICAL POWDER, ALCOHOL OR POLYMER FOAM

**Fire Fighting Procedures:**  
N/K

**Unusual Fire/Explosion Hazard:**  
N/K

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**  
3

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/K

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/K

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
N/K

**Appearance and Odor:**  
YELLOW POWDER IN RAW FORM

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
N/K

**Materials To Avoid:**  
ETHYLENEDIAMINE TETRACETIC ACID (EDTA)

**Hazardous Decomposition Products:**  
N/K

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/K

## 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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