

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-531/531-53-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
531-53-3  
**Code:**  
M

**RTECS:**  
SP5660000  
**Code:**  
M

**Name:**  
AZURE A CHLORIDE

**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:**  
AS REQUIRED

**Ventilation:**  
USE MECHANICAL (GENERAL ROOM VENT).

**Protective Gloves:**  
PLASTIC

**Eye Protection:**  
GOGGLES 3

**Other Protective Equipment:**  
Equipment EYE WASH FACILITY

**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:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
SKIN/EYE/INGESTION: IRRITATION.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
SKIN/EYE/INGESTION: IRRITATION.

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

**First Aid:**  
2 EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: WASH THOROUGHLY W/SOAP & WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
USE PAPER TOWELS TO COLLECT FOR DISPOSAL. WASH AREA DOWN W/SOAP & WATER.

**Neutralizing Agent:**  
N/K

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

**Handling And Storage Precautions:**  
KEEP TIGHTLY CAPPED WHEN NOT IN USE. MIX WELL BEFORE DISPENSING. STORE AT ROOM TEMPERATURE, BETWEEN 64.4-87.8F. KEEP OUT OF REACH OF CHILDREN.

**Other Precautions:**  
AVERAGE SHELF LIFE IS 18 MONTHS. AVOID CONTACT W/SKIN & EYES. SOLUTION CONTAINS MERCURY COMPOUND.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NON-FLAMMABLE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
N/K

**Fire Fighting Procedures:**  
N/K

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

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
212F

**Melt /Freeze Pt:**

**M.P/F.P Text:**  
32F

**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:**  
COMPLETE

**Appearance and Odor:**  
DEEP BLUE LIQUID, ODORLESS.

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
EXTREME HEAT, FREEZING, &TEMPERATURES 87.8F.

**Materials To Avoid:**  
STRONG OXIDIZING AGENTS, ACIDS, BASES.

**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