

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-778/7787-59-9.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
7787-59-9  
**Code:**  
M

**RTECS:**  
EB2700000  
**Code:**  
M

**Name:**  
BISMUTH CHLORIDE OXIDE; MEARLITE; BIJU; BISMUTH O

**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:**  
SUPPLIED AIR RESPIRATOR, SELF-CONTAINED OR AIR-LINE IN HIGH CONCENTRATIONS

**Ventilation:**  
LOCAL EXHAUST

**Protective Gloves:**  
RUBBER

**Eye Protection:**  
SAFETY GLASSES W/SHIELDS

**Other Protective Equipment:**  
Equipment EYE BATH &SAFETY SHOWER

**Work Hygienic Practices:**  
N/K 8

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

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
NO

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
EYE IRRITATION. INHALATION: LOSS OF CONSCIOUSNESS.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
INHALATION: DIZZINESS, NAUSEA & VOMITING.

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

**First Aid:**  
INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN AS NEEDED. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
REMOVE IGNITION SOURCES. COVER W/INERT ABSORBENT MATERIAL & REMOVE TO DISPOSAL CONTAINER.

**Neutralizing Agent:**  
7 N/K

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

**Handling And Storage Precautions:**  
USE W/ADEQUATE VENTILATION. KEEP CONTAINER CLOSED. KEEP AWAY FROM EXCESSIVE HEAT & SPARKS.

**Other Precautions:**  
AVOID BREATHING VAPORS OR SKIN CONTACT. ALL PERMANENT & PORTABLE EQUIPMENT SHOULD BE PROPERLY GROUNDED TO ELIMINATE THE ACCUMULATION OF STATIC ELECTRICITY.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
TCC

**Flash Point:**

**Flash Point Text:**  
25C

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
WATER, CO2, DRY CHEMICAL OR ORDINARY FOAM

**Fire Fighting Procedures:**  
WEAR SELF-CONTAINED BREATHING APPARATUS.

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

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**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:**  
1

**Volatile Org Content %:**

**Spec Gravity:**  
0.96-1.008

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
(BU AC = 1): 1

**Solubility in Water:**  
INSOLUBLE

**Appearance and Odor:**  
VISCIOUS LIQUID W/ESTERS ODOR

**Percent Volatiles by Volume:**  
60-70

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HEAT &FIRE

**Materials To Avoid:**  
ACIDS-ALKALIES &PEROXIDES

**Hazardous Decomposition Products:**  
NITROGEN OXIDES, CO &CO2

**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