

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-778/7787-56-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
7787-56-6  
**Code:**  
M

**RTECS:**  
DS5000000  
**Code:**  
M

**Name:**  
BERYLLIUM SULFATE TETRAHYDRATE

**Other REC Limits:**  
N/K

**OSHA PEL:**  
0.002 MG/CUM  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
0.002 MG/CUM  
**Code:**  
M N/P

**ACGIHSTEL:**  
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem  
**Code:**  
1 ACGIH STEL:

## Control Measures

**Respiratory Protection:**  
N/K

**Ventilation:**  
N/K

**Protective Gloves:**  
RUBBER

**Eye Protection:**  
SAFETY GLASSES, GOGGLES

**Other Protective Equipment:**  
Equipment LAB COAT

**Work Hygienic Practices:**  
REMOVE CONTAMINATED CLOTHING.

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

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL RATS LD50 = 82 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:**  
SKIN: DERMATITIS, REDNESS, IRRITATION, & ULCERS. INHALATION: IRRITATION OF NASAL PASSAGES & RESPIRATORY TRACT & PNEUMONITIS. EYES: IRRITATION & CONJUNCTIVAL INFLAMMATION. INGESTION: DEATH.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
SKIN: DERMATITIS, IRRITATION, REDNESS, & ULCERS. INHALATION: IRRITATION OF NASAL PASSAGES, RESPIRATORY TRACT & PNEUMONITIS. EYES: IRRITATION & CONJUNCTIVAL INFLAMMATION. INGESTION: DEATH.

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

**First Aid:**  
SKIN: FLUSH W/WATER. WASH W/SOAP & WATER. EYES: FLUSH W/COPIOUS AMOUNTS OF WATER FOR 15 MINUTES. INHALATION: IF TAKEN INTERNALLY, DRINK WATER OR MILK & INDUCE VOMITING. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING SS, GIVE ARTIFICIAL RESPIRATION. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
ABSORB W/VERMICULITE, SAND OR OTHER INERT MATERIAL & CONTAINERIZE FOR LATER DISPOSAL.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE OF BY INCINERATION OR OTHER METHOD APPROVED OF BY LOCAL, STATE, OR FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
AVOID CONTACT W/SKIN, EYES/CLOTHING. PROTECT FROM EVAPORATION & DECOMPOSITION.

**Other Precautions:**  
N/K

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P 2

**Flash Point:**

**Flash Point Text:**  
N/R

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
The above information is based on the present state of our knowledge and is only as a guide. The information is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.  
WATER, CO2, FOAM, DRY CHEMICAL

**Fire Fighting Procedures:**  
N/K

**Unusual Fire/Explosion Hazard:**  
TOXIC BERYLLIUM OXIDE & SULFURIC ACID FUMES MAY FORM IN FIRE.

## 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:**  
N/K

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
17

**Vapor Density:**  
0.6

**Volatile Org Content %:**

**Spec Gravity:**  
1.3

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
COLORLESS, WATER LIKE LIQUID; ODORLESS

**Percent Volatiles by Volume:**  
96%

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

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

**Materials To Avoid:**  
N/K

**Hazardous Decomposition Products:**  
TOXIC OXIDES OF BERYLLIUM &SULFUR

**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