

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-744/7446-08-4.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
7446-08-4  
**Code:**  
M

**RTECS:**  
VS8575000  
**Code:**  
M

**Name:**  
SELENIUM DIOXIDE (SARA III)

**Other REC Limits:**  
0.2 MG/CUM

**OSHA PEL:**  
0.2 MG SE/M3  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
0.2 MG SE/M3; 9192  
**Code:**  
M

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

## Control Measures

**Respiratory Protection:**  
SELF CONTAINED BREATHING UNIT.

**Ventilation:**  
LOCAL EXHAUST

**Protective Gloves:**  
RUBBER

**Eye Protection:**  
GOGGLES

**Other Protective Equipment:**  
Equipment WORK CLOTHES

**Work Hygienic Practices:**  
N/K

**Supplemental Safety and Health:**  
N/K 3

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
INHALATION/INGESTION: MOUTH OR NOSE, FATIGUE, DIZZINESS, & CONFUSION. SKIN/EYES: BURNS

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
INHALATION/INGESTION: MOUTH OR NOSE, FATIGUE, DIZZINESS, & CONFUSION. SKIN/EYES: BURNS.

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

**First Aid:**  
SKIN: WASH W/WATER. EYES: FLUSH W/WATER FOR AT LEAST 15 MINS. INGESTION: DON'T INDUCE VOMITING. KEEP WARM. OBTAIN MEDICAL ATTENTION.

**Spill Release Procedures:**  
CONTAIN SPILL & ABSORB W/INERT MATERIAL. PLACE IN DOT DRUM. WEAR FULL PROTECTIVE CLOTHING.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
2 CALL CERTIFIED WASTE HAULER. DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE, & LOCAL AGENCIES. CORROSIVE LIQUID N.O.S., NA 1760.

**Handling And Storage Precautions:**  
STORE IN COOL DRY AREA. KEEP FROM HEAT & OPEN FLAME.

**Other Precautions:**  
N/K

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NONE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
NONE

**Upper Limits:**  
NONE

**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:**  
N/R

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/R

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
1.1

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
100%

**Appearance and Odor:**  
LIQUID; COLORLESS ODOR

**Percent Volatiles by Volume:**  
95%

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HEAT & OPEN FLAME

**Materials To Avoid:**  
STRONG OXIDIZING AGENTS

**Hazardous Decomposition Products:**  
NONE

**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