

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-120/12061-16-4.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

12061-16-4

**Code:**

M

**RTECS:****Code:**

X

**Name:**

ERBIUM OXIDE \*92-2\*

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

N/K

**Code:**

M N/P

**ACGIH STEL:**

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

**Code:**

1 ACGIH STEL:

## Control Measures

**Respiratory Protection:**

N/K

**Ventilation:**

LOCAL EXHAUST, VENT HOOD

**Protective Gloves:**

APPROPRIATE

**Eye Protection:**

SAFETY GLASSES W/SIDE SHIELDS

**Other Protective Equipment:**

Equipment LAB COAT, APRON

**Work Hygienic Practices:**

REMOVE/LAUNDER CONTAMINATED CLOTHING & SHOES BEFORE REUSE.

**Supplemental Safety and Health:**

FOR USE ONLY BY QUALIFIED INDIVIDUALS, TRAINED & FAMILIAR W/PROCEDURES SUITABLE TO THIS PRODUCT. 3

## Health Hazards Data

**LD50/LC50/Mixture:**

N/K

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

EYES/SKIN: BURNS. INHALATION: COUGHING, DIFFICULTY BREATHING. INGESTION: NAUSEA, VOMITING, UNCONSCIOUSNESS.

**Explanation Of Carcinogenicity:**

N/K

**Signs And Symptoms Of Overexposure:**

EYES/SKIN: BURNS. INHALATION: COUGHING, DIFFICULTY BREATHING. INGESTION: NAUSEA, VOMITING, UNCONSCIOUSNESS.

**Medical Cond Aggravated By Exposure:**

N/K

**First Aid:**

INGESTION: DON'T INDUCE VOMITING. IF CONSCIOUS, GIVE WATER, MILK, OR MILK OF MAGNESIA. EYES/SKIN: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**

WEAR PROTECTIVE EQUIPMENT. S LEAK SAFELY. USE WATER SPRAY TO REDUCE VAPORS. TAKE UP W/SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIAL & PLACE INTO CONTAINER FOR LATER DISPOSAL. FLUSH SPILL AREA W/ WATER.

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. D002 (CORROSIVE WASTE) 2

**Handling And Storage Precautions:**

KEEP CONTAINER TIGHTLY CLOSED. STORE IN CORROSION PROOF AREA. AVOID INHALATION OF VAPORS & CONTACT W/EYES & SKIN.

**Other Precautions:**

N/K

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:****Flash Point Text:**

N/R

**Autoignition Temp:****Autoignition Temp Text:**

N/A

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

USE APPROPRIATE EXTINGUISHING MEDIA.

**Fire Fighting Procedures:**

WEAR PROPER PROTECTIVE EQUIPMENT & SELF-CONTAINED BREATHING APPARATUS W/FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

**Unusual Fire/Explosion Hazard:**

N/R

## 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

**VOC Pounds/Gallon:****pH:**

N/K

**VOC Grams/Liter:****Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

COMPLETE

**Appearance and Odor:**

CLEAR, COLORLESS, ODORLESS SOLUTION.

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/K

**Conditions To Avoid Polymerization:**

N/K

## Toxicological Information

**Information:**

N/P

## MSDS Transport Information

**Information:**

N/P

## Regulatory Information

**Information:**

N/P

**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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