

# Product Data Sheet

**(5N) 99.999% Erbium Oxide**

**Product Code: ER-OX-05**

**Formula:** Er<sub>2</sub>O<sub>3</sub>

**CAS No.:** 12061-16-4

**EC No.:** 235-045-7

**MDL:** MFCD00010991

## Chemical Identifiers

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Linear Formula</b>         | Er <sub>2</sub> O <sub>3</sub> |
| <b>MDL Number</b>             | MFCD00010991                   |
| <b>EC No.</b>                 | 235-045-7                      |
| <b>Beilstein Registry No.</b> | N/A                            |
| <b>Pubchem CID</b>            | 5123419                        |
| <b>IUPAC Name</b>             | oxo(oxoerbiooxy)erbium         |
| <b>SMILES</b>                 | O=[Er]O[Er]=O                  |
| <b>Inchl Identifier</b>       | InChI=1S/2Er.3O                |
| <b>Inchl Key</b>              | VQCBHWLJZDBHOS-UHFFFAOYSA-N    |

**Total Metal Impurities:** 0.001% max.

## Packaging Specifications

Typical bulk packaging includes palletized plastic 5 gallon/25 kg. pails, fiber and steel drums to 1 ton super sacks in full container (FCL) or truck load (T/L) quantities. Research and sample quantities and hygroscopic, oxidizing or other air sensitive materials may be packaged under argon or vacuum. Shipping documentation includes a Certificate of Analysis and Safety Data Sheet (SDS). Solutions are packaged in polypropylene, plastic or glass jars up to palletized 440 gallon liquid totes, and 36,000 lb. tanker trucks.

**Documentation**

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.