

Product Data Sheet

(2N) 99% Erbium Oxide

Product Code: ER-OX-O2

Formula: Er₂O₃

CAS No.: 12061-16-4

EC No.: 235-045-7

MDL: MFCD00010991

Chemical Identifiers

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

Total Metal Impurities: 1.0% 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.