

# Product Data Sheet

## (3N) 99.9% Holmium Oxide

Product Code: HO-OX-03

Formula: Ho<sub>2</sub>O<sub>3</sub>  
CAS No.: 12055-62-8  
EC No.: 235-015-3  
MDL: MFCD00011053

### Chemical Identifiers

Linear Formula	Ho <sub>2</sub> O <sub>3</sub>
MDL Number	MFCD00011053
EC No.	235-015-3
Beilstein Registry No.	N/A
Pubchem CID	159423
IUPAC Name	Holmium(+3) cation; oxygen(-2) anion
SMILES	[Ho+3].[Ho+3].[O-2].[O-2].[O-2]
InChI Identifier	InChI=1S/2Ho.3O/q2*+3;3*-2
InChI Key	OWCYYNBGMXMRQN-UHFFFAOYSA-N

**Total Metal Impurities:** 0.1% 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.