

Product Data Sheet

(3N) 99.9% Bismuth Oxide Nanopowder

Product Code: BI-OX-03-NP

Formula: Bi₂O₃

CAS No.: 1304-76-3

EC No.: 215-134-7

MDL: MFCD00003462

Chemical Identifiers

Linear Formula	Bi ₂ O ₃
MDL Number	MFCD00003462
EC No.	215-134-7
Beilstein Registry No.	N/A
Pubchem CID	14776
IUPAC Name	Oxo(oxobismuthanyloxy)bismuthane
SMILES	O=[Bi]O[Bi]=O
InChI Identifier	InChI=1S/2Bi.3O
InChI Key	WMWLMWRWZQELOS-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.