

Product Data Sheet

(2N) 99% Bismuth Oxide Nanopowder

Product Code: BI-OX-02-NP

Formula: Bi₂O₃

CAS No.: 1304-76-3

EC No.: 215-134-7

MDL: MFCD00003462

Chemical Identifiers

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|------------------------|----------------------------------|
| 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: 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.

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Documentation

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