

# Product Data Sheet

**(4N) 99.99% Boron Oxide Nanopowder**

**Product Code: BO-OX-04-NP**

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

**CAS No.:** 1303-86-2

**EC No.:** 215-125-8

**MDL:** MFCD00191837

## Chemical Identifiers

<b>Linear Formula</b>	B <sub>2</sub> O <sub>3</sub>
<b>MDL Number</b>	MFCD00191837
<b>EC No.</b>	215-125-8
<b>Beilstein Registry No.</b>	N/A
<b>Pubchem CID</b>	16212772
<b>IUPAC Name</b>	oxo(oxoboranyloxy)borane
<b>SMILES</b>	O=BOB=O
<b>InChI Identifier</b>	InChI=1S/B2O3/c3-1-5-2-4
<b>InChI Key</b>	JKWMSGQKBLHBQQ-BHBJOZJASA-N

**Total Metal Impurities:** 0.01% 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.