

# Product Data Sheet

**(2N) 99% Barium Oxide**

**Product Code: BA-OX-02**

**Formula:** BaO  
**CAS No.:** 1304-28-5  
**EC No.:** 215-127-9  
**MDL:** MFCD00003453

## Chemical Identifiers

<b>Linear Formula</b>	BaO
<b>MDL Number</b>	MFCD00003453
<b>EC No.</b>	215-127-9
<b>Beilstein Registry No.</b>	N/A
<b>Pubchem CID</b>	62392
<b>IUPAC Name</b>	Oxobarium
<b>SMILES</b>	[Ba+2].[O-2]
<b>Inchl Identifier</b>	InChI=1S/Ba.O/q+2;-2
<b>Inchl Key</b>	CSSYLTMKCUORDA-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.