

Product Data Sheet

(2N) 99% Gadolinium Oxide Pellets

Product Code: GD-OX-02-PE

Formula: Gd_2O_3

CAS No.: 12064-62-9

EC No.: 235-060-9

MDL: MFCD00011026

Chemical Identifiers

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|------------------------|---|
| Linear Formula | Gd_2O_3 |
| MDL Number | MFCD00011026 |
| EC No. | 235-060-9 |
| Beilstein Registry No. | N/A |
| Pubchem CID | 4558810 |
| IUPAC Name | Gadolinium(+3) cation; oxygen(-2) anion |
| SMILES | [Gd+3].[Gd+3].[O-2].[O-2].[O-2] |
| InChI Identifier | InChI=1S/2Gd.3O/q2*+3;3*-2 |
| InChI Key | RNYFGGMJZRTZKO-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.