

Product Data Sheet

Neodymium Oxide Nanoparticle Dispersion

Product Code: ND-OX-01-NPD

Formula: Nd₂O₃
CAS No.: 1313-97-9
EC No.: 215-214-1
MDL: MFCD00011134

Chemical Identifiers

Linear Formula	Nd ₂ O ₃
MDL Number	MFCD00011134
EC No.	215-214-1
Pubchem CID	4196641
IUPAC Name	neodymium(3+); oxygen(2-)
SMILES	[Nd+3].[Nd+3].[O-2].[O-2].[O-2]
Inchl Identifier	InChI=1S/2Nd.3O/q2*+3;3*-2
Inchl Key	PLDDOISOJJCEMH-UHFFFAOYSA-N

Total Metal Impurities: Variable or N/A

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 18304 are supplied with every shipment.
AMERICAN ELEMENTS | 10884 WEYBURN AVE. | LOS ANGELES, CALIFORNIA 90024
 TEL. 310-208-0551 | FAX 310-208-0351 | customerservice@americanelements.com