

# Product Data Sheet

## (3N) 99.9% Neodymium Hydroxide

Product Code: ND-HD-03

**Formula:** Nd(OH)<sub>3</sub>  
**CAS No.:** 16469-17-3  
**EC No.:** 240-514-4  
**MDL:** MFCD00049758

### Chemical Identifiers

Linear Formula	Nd(OH) <sub>3</sub>
MDL Number	MFCD00049758
EC No.	240-514-4
Beilstein Registry No.	N/A
Pubchem CID	85433
IUPAC Name	neodymium(3+) trihydroxide
SMILES	[Nd+3].[OH-].[OH-].[OH-]
InChI Identifier	InChI=1S/Nd.3H2O/h;3*1H2/q+3;;;/p-3
InChI Key	ZBAQHMBLDSQPHC-UHFFFAOYSA-K

**Total Metal Impurities:** 0.1% 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.