

# Product Data Sheet

## (4N) 99.99% Praseodymium Nanoparticles

Product Code: PR-M-04-NP

Formula: Pr

CAS No.: 7440-10-0

EC No.: 231-120-3

MDL: MFCD00011174

### Chemical Identifiers

|                        |                             |
|------------------------|-----------------------------|
| Linear Formula         | Pr                          |
| MDL Number             | MFCD00011174                |
| EC No.                 | 231-120-3                   |
| Beilstein Registry No. | N/A                         |
| Pubchem CID            | 23942                       |
| SMILES                 | [Pr]                        |
| Inchl Identifier       | InChI=1S/Pr                 |
| Inchl Key              | PUDIUYLPXJFUGB-UHFFFAOYSA-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.  
**AMERICAN ELEMENTS** | 10884 WEYBURN AVE. | LOS ANGELES, CALIFORNIA 90024  
 TEL. 310-208-0551 | FAX 310-208-0351 | customerservice@americanelements.com