

# Product Data Sheet

## (3N) 99.9% Gadolinium Powder

Product Code: GD-M-03-P

**Formula:** Gd  
**CAS No.:** 7440-54-2  
**EC No.:** 231-162-2  
**MDL:** MFCD00011022

### Chemical Identifiers

|                               |                             |
|-------------------------------|-----------------------------|
| <b>Linear Formula</b>         | Gd                          |
| <b>MDL Number</b>             | MFCD00011022                |
| <b>EC No.</b>                 | 231-162-2                   |
| <b>Beilstein Registry No.</b> | N/A                         |
| <b>Pubchem CID</b>            | 23982                       |
| <b>SMILES</b>                 | [Gd]                        |
| <b>Inchl Identifier</b>       | InChI=1S/Gd                 |
| <b>Inchl Key</b>              | UIWYJDYFSGRHKR-UHFFFAOYSA-N |

**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.  
**AMERICAN ELEMENTS** | 10884 WEYBURN AVE. | LOS ANGELES, CALIFORNIA 90024  
TEL. 310-208-0551 | FAX 310-208-0351 | customerservice@americanelements.com