

# Product Data Sheet

## (2N) 99% Samarium Cobalt Alloy Powder

Product Code: SM-CO-02-P

Formula:  $\text{Sm}_2\text{Co}_7$

CAS No.: 12305-84-9

EC No.: 235-573-8

MDL: MFCD02091682

### Chemical Identifiers

|                        |                             |
|------------------------|-----------------------------|
| Linear Formula         | $\text{Sm}_2\text{Co}_7$    |
| MDL Number             | MFCD02091682                |
| EC No.                 | 235-573-8                   |
| Beilstein Registry No. | N/A                         |
| Pubchem CID            | 10125161                    |
| IUPAC Name             | cobalt; samarium            |
| SMILES                 | [Co].[Sm]                   |
| InChI Identifier       | InChI=1S/Co.Sm              |
| InChI Key              | KPLQYGBQNPPQGA-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.

**Documentation**

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.