

# Product Data Sheet

## (3N) 99.9% Cobalt Oxide Nanoparticles

Product Code: CO23-OX-03-NP

Formula:  $\text{Co}_3\text{O}_4$   
CAS No.: 1308-06-1  
EC No.: 215-154-6  
MDL: MFCD00016031

### Chemical Identifiers

Linear Formula	$\text{Co}_3\text{O}_4$
MDL Number	MFCD00016031
EC No.	215-154-6
Beilstein Registry No.	N/A
Pubchem CID	14786
IUPAC Name	Oxocobalt
SMILES	[Co]=O
InChI Identifier	InChI=1S/Co.O
InChI Key	IVMYJDGYRUAWML-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.