

Product Data Sheet

(3N) 99.9% Iron(II,III) Oxide

Product Code: FE23-OX-03

Formula: Fe₃O₄

CAS No.: 1317-61-9

EC No.: 215-277-5

MDL: MFCD00011010

Chemical Identifiers

Linear Formula	Fe ₃ O ₄
MDL Number	MFCD00011010
EC No.	215-277-5
Beilstein Registry No.	N/A
Pubchem CID	16211978
IUPAC Name	oxoiron; oxo(oxoferriooxy)iron
SMILES	O=[Fe].O=[Fe]O[Fe]=O
Inchl Identifier	InChI=1S/3Fe.4O
Inchl Key	SZVJSHCCFOBDDC-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.