

Product Data Sheet

(4N5) 99.995% Iron(III) Oxide Powder

Product Code: FE3-OX-045-P

Formula: Fe₂O₃

CAS No.: 1309-37-1

EC No.: 215-168-2

MDL: MFCD00011008

Chemical Identifiers

Linear Formula	Fe ₂ O ₃
MDL Number	MFCD00011008
EC No.	215-168-2
Beilstein Registry No.	N/A
Pubchem CID	518696
IUPAC Name	iron(3+); oxygen(2-); hydrate
SMILES	O1[Fe]2O[Fe]1O2
Inchl Identifier	InChI=1S/2Fe.3O
Inchl Key	JEIPFZHSYJVQDO-UHFFFAOYSA-N

Total Metal Impurities: 0.005% 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.