

# Product Data Sheet

**(5N) 99.999% Copper Iron Oxide Nanopowder**

**Product Code: CU-FEIT-05-NP**

**Formula:** CuFe<sub>2</sub>O<sub>4</sub>  
**CAS No.:** 12018-79-0  
**EC No.:** N/A  
**MDL:** MFCD00016056

## Chemical Identifiers

<b>Linear Formula</b>	CuFe <sub>2</sub> O <sub>4</sub>
<b>MDL Number</b>	MFCD00016056
<b>EC No.</b>	N/A
<b>Pubchem CID</b>	40721137
<b>IUPAC Name</b>	copper; oxido(oxo)iron
<b>SMILES</b>	[Cu+2].[O-][Fe]=O.[O-][Fe]=O
<b>Inchl Identifier</b>	InChI=1S/Cu.2Fe.4O/q+2;;;;;2*-1
<b>Inchl Key</b>	DXKGMXNZSJMWAF-UHFFFAOYSA-N

**Total Metal Impurities:** 0.001% 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 18304 are supplied with every shipment.  
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