

# Product Data Sheet

## (5N) 99.999% Manganese Nanoparticle Dispersion

Product Code: MN-M-05-NPD

Formula: Mn

CAS No.: 7439-96-5

EC No.: 231-105-1

MDL: MFCD00011111

### Chemical Identifiers

Linear Formula	Mn
MDL Number	MFCD00011111
EC No.	231-105-1
Beilstein Registry No.	N/A
Pubchem CID	23930
SMILES	[Mn]
InChI Identifier	InChI=1S/Mn
InChI Key	PWHULOQIROXLJO-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 10204 are supplied with every shipment.  
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