

# Product Data Sheet

**(4N) 99.99% Manganese Oxide Shot**

**Product Code: MN-OX-04-SHO**

**Formula:** MnO  
**CAS No.:** 1344-43-0  
**EC No.:** 215-695-8  
**MDL:** MFCD00016226

## Chemical Identifiers

<b>Linear Formula</b>	MnO
<b>MDL Number</b>	MFCD00016226
<b>EC No.</b>	215-695-8
<b>Beilstein Registry No.</b>	N/A
<b>Pubchem CID</b>	14940
<b>IUPAC Name</b>	manganese(2+); oxygen(2-)
<b>SMILES</b>	[Mn].O=[Mn]O.O=[Mn]O
<b>Inchl Identifier</b>	InChI=1S/3Mn.2H2O.2O/h;;;2*1H2;;/q;2*+1;;;/p-2
<b>Inchl Key</b>	AMWRITDGCCNYAT-UHFFFAOYSA-L

**Total Metal Impurities:** 0.01% 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.