

# Product Data Sheet

## (4N) 99.99% Iridium Oxide Nanopowder

Product Code: IR-OX-04-NP

Formula: IrO<sub>2</sub>

CAS No.: 12030-49-8

EC No.: 234-743-9

MDL: MFCD00011065

### Chemical Identifiers

Linear Formula	IrO <sub>2</sub>
MDL Number	MFCD00011065
EC No.	234-743-9
Beilstein Registry No.	N/A
Pubchem CID	82821
IUPAC Name	Dioxoiridium
SMILES	[Ir+4].[O-2].[O-2]
InChI Identifier	InChI=1S/Ir.2O/q+4;2*-2
InChI Key	NSTASKGZCMXIET-UHFFFAOYSA-N

**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.