

Product Data Sheet

(2N) 99% Zirconium Carbide Nanoparticles

Product Code: ZR-C-02-NP

Formula: ZrC

CAS No.: 12070-14-3

EC No.: 235-125-1

MDL: MFCD00049640

Chemical Identifiers

Linear Formula	ZrC
MDL Number	MFCD00049640
EC No.	235-125-1
Beilstein Registry No.	N/A
Pubchem CID	24860376
IUPAC Name	N/A
SMILES	[Zr].C
InchI Identifier	InChI=1S/CH4.Zr/h1H4;
InchI Key	UGHSGZIDZZRZKT-UHFFFAOYSA-N

Total Metal Impurities: 1.0% 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.