

# Product Data Sheet

## (3N) 99.9% Zirconium Nitride Nanoparticles

Product Code: ZR-N-03-NP

Formula: ZrN

CAS No.: 25658-42-8

EC No.: 247-166-2

MDL: MFCD00049642

### Chemical Identifiers

Linear Formula	ZrN
MDL Number	MFCD00049642
EC No.	247-166-2
Beilstein Registry No.	N/A
Pubchem CID	94359
IUPAC Name	azanylidynezirconium
SMILES	N#[Zr]
InChI Identifier	InChI=1S/N.Zr
InChI Key	ZVWKZXLXHLZXLS-UHFFFAOYSA-N

Total Metal Impurities: 0.1% 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.