

# Product Data Sheet

## (2N5) 99.5% Zirconium Diboride

Product Code: ZR-B-025

**Formula:** ZrB<sub>2</sub>  
**CAS No.:** 12045-64-6  
**EC No.:** 234-963-5  
**MDL:** MFCD00064648

### Chemical Identifiers

Linear Formula	ZrB <sub>2</sub>
MDL Number	MFCD00064648
EC No.	234-963-5
Beilstein Registry No.	N/A
Pubchem CID	92028918
IUPAC Name	boranylidynezirconium; boron
SMILES	[B].B#[Zr]
InChI Identifier	InChI=1S/2B.Zr
InChI Key	VWZIXVXBCBBRGP-UHFFFAOYSA-N

**Total Metal Impurities:** 0.5% 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.