

# Product Data Sheet

## (2N) 99% Titanium Nitride

Product Code: TI-N-02

**Formula:** TiN

**CAS No.:** 25583-20-4

**EC No.:** 247-117-5

**MDL:** MFCD00049596

### Chemical Identifiers

<b>Linear Formula</b>	TiN
<b>MDL Number</b>	MFCD00049596
<b>EC No.</b>	247-117-5
<b>Beilstein Registry No.</b>	N/A
<b>Pubchem CID</b>	93091
<b>IUPAC Name</b>	azanylidynetitanium
<b>SMILES</b>	N#[Ti]
<b>Inchl Identifier</b>	InChI=1S/N.Ti
<b>Inchl Key</b>	NRTOMJZYCJJWKI-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.