

# Product Data Sheet

**(4N) 99.99% Calcium Nitride**

**Product Code: CA-N-04**

**Formula:** Ca<sub>3</sub>N<sub>2</sub>

**CAS No.:** 12013-82-0

**EC No.:** 234-592-9

**MDL:** MFCD00015985

## Chemical Identifiers

<b>Linear Formula</b>	Ca <sub>3</sub> N <sub>2</sub>
<b>MDL Number</b>	MFCD00015985
<b>EC No.</b>	234-592-9
<b>Beilstein Registry No.</b>	N/A
<b>Pubchem CID</b>	3387080
<b>IUPAC Name</b>	calcium azanidylidenecalcium
<b>SMILES</b>	[Ca+2].[Ca+2].[Ca+2].[N-3].[N-3]
<b>Inchl Identifier</b>	InChI=1S/3Ca.2N /q3*+2;2*-3
<b>Inchl Key</b>	FRHNAPNADCRMBM-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.