

Product Data Sheet

(5N) 99.999% Calcium Chloride Nanoparticles

Product Code: CA-CL-05-NP

Formula: CaCl₂

CAS No.: 10043-52-4

EC No.: 233-140-8

MDL: MFCD00010903

Chemical Identifiers

Linear Formula	CaCl ₂
MDL Number	MFCD00010903
EC No.	233-140-8
Beilstein Registry No.	N/A
Pubchem CID	24892300
IUPAC Name	calcium dichloride
SMILES	[Ca+2].[Cl-].[Cl-]
Inchi Identifier	InChI=1S/Ca.2ClH/h;2*1H/q+2;;/p-2
Inchi Key	UXVMQQNJUSDDNG-UHFFFAOYSA-L

Total Metal Impurities: 0.001% 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.