

CALCIUM CHLORIDE

94 – 98% PELLETS

ASTM D 98-05, Type S, Grade 3, Class B



Manufacturer:
"HaloPolymer Kirovo-Chepetsk", LLC

ISO 9001:2015, IATF 16949:2016, EN 9100:2016

Chemical name: Calcium Dichloride (IUPAC)
Synonyms: Calcium (II) chloride, Calcium chloride anhydrous
Structural formula: $\text{Cl}^- \text{Ca}^{2+} \text{Cl}^-$
CAS No. 10043-52-4
EC No. 233-140-8
REACH No. 01-2119494219-28-0003
HS code 28 2720 0000



Parameters	Guaranteed value	U.M.	Test method
Appearance	White pellets		Visual
Calcium Chloride, min	94	%	Titrimetry
Total Alkali and Mg Chlorides (as NaCl), max	0,5	%	Titrimetry
Total Magnesium (as MgCl_2), max	0,5	%	AAS
Insolubles (calculated as per 100% CaCl_2), max	0,1	%	Gravimetric
Sulphates (as SO_4^{2-}), max	0,05	%	Colorimetric
Heavy metals (Including Pb), max	20	mg/kg (ppm)	Photometry
Iron (Fe), max	10	mg/kg (ppm)	Photometry
Lead (Pb), max	5	mg/kg (ppm)	Photometry
Bulk density	0,77 – 0,88 (52-58)	g/cm^3 (lb/ft ³)	



Main application:

Oil and Gas drilling as completion and work-over fluids, packer fluids and drilling muds. De-icer for side-walks, parking lots and road treatment. Also is used to freeze-proof sand that is spread on icy roads. Concrete/aerocrete additive that shortens the time of setting and strengthens concrete.



Package:

FIBCs (flexible intermediate bulk containers), 1000 kg or 850 kg each.

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Transportation:

By railway transport in gondola cars and covered railroad cars, by motor transport; container shipment.



Storage:

Covered storage premises, excluding the possibility of moisture ingress the product. It is considered acceptable to store calcium chloride in open storage areas provided that the product is packed into FIPCs or bags formed into unitized loads wrapped with heat-shrinkable film. The area where bags or FIPCs are stacked should be free of protruding and sharp objects.



Guarantee storage life:

8 months from the date of manufacture.