

Description

Calcium Chloride 83-87% Granulated is composed of white, sugar-sized granules that flow easily.

Application

Calcium Chloride 83-87% Granulated is well suited for applications where rapid dissolution of a solid calcium chloride product is required.

To create a solution by mixing this product with water, refer to the [Making Solutions Calculator](#) found on our website.

Storage and Shelf Life

Store in a dry area, and tightly reseal after each use. To maintain product quality while in storage, solid calcium chloride must be protected from moisture. If the product is on a pallet covered by an intact plastic shroud, it can be stored outdoors on a well-drained surface. If the shroud is torn, pierced, or removed, then the palletized product should be stored indoors or under a waterproof covering.

When properly stored to protect from moisture contact, the expected shelf life for all calcium chloride packaged products is 36 months from the date of manufacture. Calcium chloride does not degrade or deteriorate; however, the shelf life is limited based on the potential for moisture intrusion into the product. Moisture will cause a decrease in overall calcium chloride assay and may cause product clumping. Solid calcium chloride absorbs moisture from the air (i.e., is hygroscopic), even to the point of converting to liquid brine (i.e., is deliquescent).

For more detailed information see our [Calcium Chloride Handbook](#).

Typical Properties⁽¹⁾

Characteristic ⁽²⁾	Value
Calcium Chloride Assay	>83%
Total alkali chlorides (as NaCl)	<6%
Total magnesium (as MgCl ₂)	<0.5%
Calcium hydroxide	<0.2%

(1) These data are laboratory results typical of the product, and should not be confused with or regarded as specifications. All percentages are percent by weight.

(2) Total alkali chlorides as NaCl, total magnesium as MgCl₂, and calcium hydroxide are shown on an active ingredient basis.

For more information like safety data sheets (SDS), package options, calculation tools, etc., or to find an authorized distributor of OxyChem's calcium chloride products, please call or visit our website.

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Revised 01/2025