

Description

PELADOW Premier Calcium Chloride Pellets are white, free-flowing pellets that meet or exceed ASTM D98 and AASHTO M144 purity requirements for Type S, Grade 2, Class B calcium chloride.

This purified inorganic salt is produced by removing water from a naturally occurring brine solution. The National Organic Standards Board classified the brine process as “non-synthetic” since it does not involve reactions with chemicals such as hydrochloric acid or ammonia.

Application

PELADOW Premier can melt ice up to 3X faster than competing materials, outperforming other products across a wide range of temperatures. Its round shape helps to penetrate ice and break the bond with pavement more quickly than flat or crystal-shaped ice melters, allowing easy removal of ice and snow. This is ideal for clearing sidewalks, driveways and parking lots.

Anti-icing with a solution made from PELADOW is ideal to fight black ice or frost. To create a solution by mixing this product with water, refer to the Making Solutions calculator on our website. Apply solution using a handheld lawn and garden sprayer or similar equipment. Rinse any metal parts with fresh water when finished.

MELT RESPONSIBLY.®

Apply PELADOW Premier at the appropriate rate and melt more snow and ice in less time, with less cost and less waste. Reduce product waste (and lower your costs) by properly calibrating your spreader before applying deicer.

Visit www.MELTRESPONSIBLY.com for additional information.

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 solid calcium chloride products is 36 months. Calcium chloride does not degrade or deteriorate. However, the shelf life is limited based on the potential for moisture intrusion into the product, which 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).

Typical Properties⁽¹⁾

Characteristic	Value
Calcium chloride assay	>90%
Pellet size distribution	
Larger than 4.8 mm	<20%
From 0.6 to 4.8 mm	>76%
Smaller than 0.6 mm	<4%
Bulk density ⁽²⁾	58-66 lb/ft ³
ASTM D98 purity requirements ⁽³⁾	
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) Bulk density is a specification item for bulk shipments only.
 (3) 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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