Product Information

PELADOW™ Calcium Chloride Pellets

The Premier Snow and Ice Melter

Application

PELADOW™ Calcium Chloride Pellets are the premier snow and ice melter, ideal for clearing sidewalks, driveways and parking lots. It melts ice up to 3 times faster than competing materials, and outperforms other products across a wide range of temperatures. The round shape of PELADOW™ helps it penetrate ice and break the bond with the pavement more quickly than flat or crystal-shaped ice melters, allowing easy removal of ice and snow.

Description

PELADOW™ is a purified inorganic salt produced by removing water from a naturally occurring brine solution. Unlike other processes used to produce calcium chloride, the brine process does not involve reactions with chemicals such as hydrochloric acid or ammonia. The National Organic Standards Board noted this distinction when it classified the brine process as "non-synthetic."

PELADOW™ meets or exceeds ASTM D98 and AASHTO M144 requirements for calcium chloride purity. ASTM classification for PELADOW™ is Type S, Grade 2, Class B.

Properties

Characteristic	Typical Value(1)
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) All percentages are by weight.
(2) Bulk density is a specification item for bulk shipments only.
(3) On an active ingredient basis.

Storage

Solid calcium chloride is both hygroscopic and deliquescent. This means that the product can absorb moisture from the air, even to the point of converting to liquid brine. For this reason, solid calcium chloride should be protected from excessive exposure to moisture to maintain product quality while in storage. Store in a dry area. Opened packages should be tightly resealed after each use.

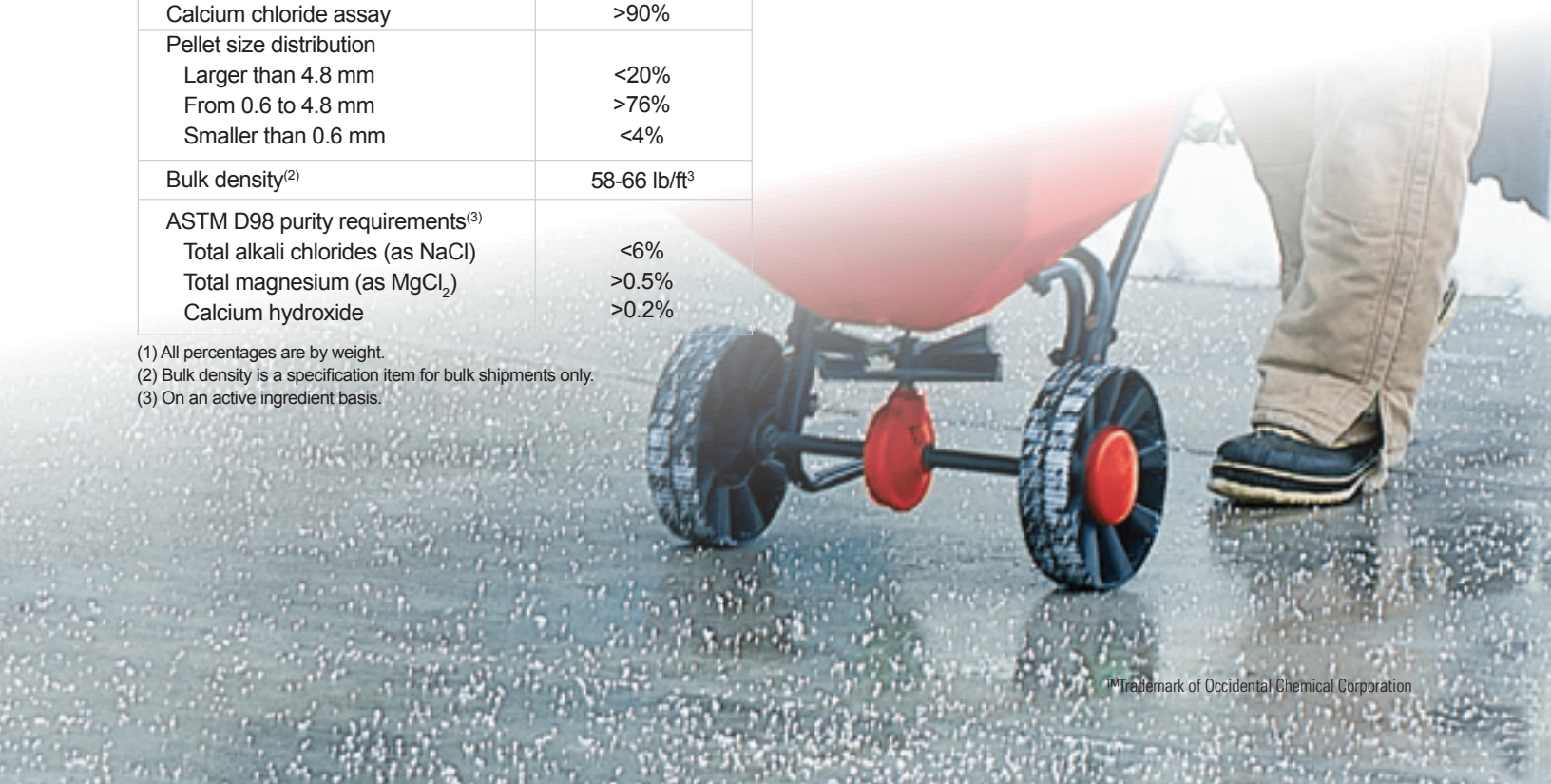
For full safety and handling details, refer to the current Material Safety Data Sheet for this product, available at www.oxycalciumchloride.com.

Availability

PELADOW™ is available in various package sizes, and in bulk truck and bulk rail quantities.

Making Calcium Chloride Solutions From PELADOW™

PELADOW™ is the ideal choice for making anti-icing solutions to fight black ice or frost. Mix 20 lbs (2.4 gal) of pellets in enough cold water to make 5 gallons of solution. Stir continuously for 2-3 minutes or until completely dissolved. Use caution as the solution will get hot. Refer to the Material Safety Data Sheet for safe handling details. Apply using a plastic weed sprayer or similar equipment. Rinse any metal parts with fresh water when finished.



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For more information or to find an authorized distributor of OxyChem's calcium chloride products, please call or visit our website.

(888) 293-2336

www.oxycalciumchloride.com

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