

Description

COMBOTHERM is a high-performance blended ice melt product. It is produced in chip form, composed of at least 70% active ingredient (calcium chloride) and contains a green performance indicator to prevent wasteful overapplication. Its blend of calcium chloride, sodium chloride, and potassium chloride is better at melting ice, and a better value, than most blends which are primarily composed of rock salt. The uniqueness of COMBOTHERM makes it an economical alternative to other ice melters.

Application

Enjoy fast and highly effective ice melting to provide clear, safe sidewalks and entryways, increase pedestrian safety, and help protect your business from slip-and-fall claims. As the blend dissolves, the color fades—along with the snow and ice.

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	Value
Calcium chloride assay	>70%
Other alkali salts	5%
Chip size distribution	
Larger than 4.8 mm	<20%
From 0.6 to 4.8 mm	>75%
Smaller than 0.6 mm	<5%

(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.

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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