



TECHNICAL DATA SHEET

PRODUCT IDENTIFICATION

Product Name **CALCIUM CHLORIDE PELLETS**
Product Use De-Icer / Anti-Icer / Dust Control

PRODUCT DESCRIPTION

This Calcium Chloride is the pellet variety that is 94 – 97% pure and is suitable for a variety of applications, including snow & ice removal and dust control.

PERFORMANCE

Powerful: Effective down to -31°C (-24°F)
Generates HEAT on Contact: Calcium Chloride generates heat immediately upon contact with the ice, making it more robust and effective than many icemelters on the market today.
Effective Dust Control Agent: Reduces dust during handling and application. Absorbs moisture to bind particles together for a safe, more solid surface. Prevents dust formation by absorbing moisture from the air.

APPLICATION METHOD

For De-Icing:

Calcium Chloride is best applied in a uniform even distribution. It should be spread at a rate of 70 - 140 grams per square metre (¼ - ¾ cup per square yard / 15 - 30 lbs per 1000 square feet). It is easiest to spread by mechanical means, such as a spreader, depending on size of coverage. It is recommended to remove ice and slush once ice bond has broken. Icemelter may be applied at the beginning of a storm to prevent hard ice accumulations.

For Dust Control:

First application should be spread at a rate of 540 grams per square metre (2½ cup per square yard / 100 lbs per 1000 square feet). Second application should be spread at a rate of 270 grams per square metre (1¼ cup per square yard / 50 lbs per 1000 square feet).

COMPOSITION

This Calcium Chloride is the pellet variety that is 94 – 97% pure.

PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid	Appearance:	Pellets
Water Solubility:	59.5 g/100 mL (0 °C)	Odour Threshold:	Not Applicable
Vapour Pressure:	Not Applicable	Odour:	Minimal Odour
Molecular Weight:	110.99	Melting Point:	771.67°C / 1421°F
Bulk Density:	52-58 Lb (23.59-26.32 kg)/Ft ³		

STORAGE & HANDLING

Personal Protective Equipment:	Wear chemical goggles or safety glasses, chemical resistant gloves and apron.
Handling and Storage Requirements:	Store in a dry, ventilated area. Wash hands after handling.
Special Shipping Requirements:	Not Applicable



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CALCIUM
CHLORIDE

The logo for Calcium Chloride features the word 'CALCIUM' in a bold, orange, sans-serif font, with 'CHLORIDE' in a bold, black, sans-serif font below it. To the left of the text is a circular graphic composed of many small, orange dots arranged in a grid-like pattern, creating a textured, glowing effect.