

Calcium Chloride Pellets 90% min Technical Grade

Product Data Sheet

General Description

Calcium chloride technical grade is a white anhydrous calcium chloride (CaCl₂) pellet product with 90% min calcium chloride content, meeting

ASTM D 9805, AASHTO M144 and GOST 450-77 requirements for calcium chloride purity. ASTM classification is Type S, Grade 3 and Class B.

Applications

Calcium chloride technical grade offers a unique combination of properties that makes it valuable in a

variety of industrial applications, principal amongst which is its use in de-icing applications.

Chemical properties

Indices	Guaranteed	Typical
Calcium Chloride (CaCl ₂)	% 90 MIN	% 97
Magnesium (as MgCl ₂)	% 0.5 MAX	% 0.2
Alkali Chlorides (as NaCl)	% 1.5 MAX	% 0.4

Other Impurities* (except moisture)	% 0.2 MAX	% 0.1
pH	7.0 to 10.5 (at 5 to 38 % wt solutions)	

* impurities based on 100 % CaCl₂ basis

Calcium chloride technical grade should be handled in areas with proper ventilation; protective clothing must be employed, rubber gloves and eye protection

Safety and handling

are recommended. For further details, please refer to product Material Safety Data Sheet.

Packaging	
25kg PP valve bags	1 MT/ 40 bags per pallet (100 x 120 x 120 cm)
50lb PP valve bags	2,000 lb per pallet (100 x 120 x 115 cm)
1 MT IBC net weight (1000kg PP Big Bags with PE insert)	105 x 125 x 125 cm

Typical	
Appearance	White Pellets
Odour	None
Bulk Density	MIN 750 kg/cub m (50 lb/cub m)
Molecular weight	110.99
Particle Size Distribution	
More than 5.0 mm	10 % max
1.2 – 5.00 mm	75 % min
Less than 1.25 mm	15 % max

Zirax plc
68 Lombard Street, London, United Kingdom EC3V 9LJ (t) +44 (0)207 868 1694

www.zirax.com

info@zirax.com

Notice: No freedom from any patent owned by Seller or others is to be inferred. Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Seller assumes no obligation or liability for the information in this document. NO

WARRANTIES ARE GIVEN, ALL IMPLIED WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PUPOSE ARE EXPRESSLY EXCLUDED.