



TETRA FLAKE DRY CALCIUM CHLORIDE

Product Data Sheet

TETRA CHEMICALS

General Description

TETRA Flake calcium chloride is a white, flaked, dihydrate product with 77 weight percent calcium chloride.

Applications

Chemical Industry. Provides good source of soluble calcium

Oilfield. Can be used as fluid for drilling, cementing, and workover operations

Ready Mix Concrete. Accelerates setting times

Snow and Ice Melting. Facilitates deicing on highways and pavement

Soil Conditioning. Stabilizes roadbeds and facilitates salt remediation

Availability

FLAKE PACKAGING			
Package	Pallet Size	Units/Pallet	Pallets/Truckload
50 lb Plastic Bag	A variety of palletization and stow options are available.		
1000 kg Bulk Bag			

TETRA Flake is made in the USA.

TETRA's new flake product is available for shipment from our El Dorado, Arkansas facility.

TETRA Chemicals

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The Woodlands, Texas 77380

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Safety and Handling

TETRA flake calcium chloride when in solution form is a strong salt solution. Protective clothing, rubber gloves and eye protection are recommended. Rubber safety boots should also be worn in work areas, since calcium chloride can damage leather. This product should be handled in areas with proper ventilation. Before using this product, refer to the MSDS (available on the Company's website) for complete safety and handling guidelines. For proper disposal guidelines for calcium chloride wastes, consult the appropriate local regulatory authorities.

PHYSICAL PROPERTIES

Chemical Formula	CaCl ₂ · 2H ₂ O
Appearance	White flakes
Bulk Density	Approx. 50 lb/cubic foot

CHEMICAL PROPERTIES

Calcium Chloride (CaCl₂)*	77 wt% minimum
Total Alkali Chlorides as NaCl**	6 % maximum
Total Magnesium Chloride (MgCl₂)**	0.5% maximum
*EDTA titration similar to ASTM E449-08	
**Based on CaCl ₂ concentration	

PARTICLE SIZE

Screen Number:	Mass % Passing
3/8 (9.5 mm)	100
4 (4.75 mm)	80-100
30 (0.59 mm)	0-5