



TETRA FLAKE DRY CALCIUM CHLORIDE

Product Data Sheet

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

Water Care. Provides source of calcium for pools and nonpotable applications

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 Chemicals

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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.

CHEMICAL PROPERTIES

Chemical	CaCl ₂
Appearance	White flakes
Assay	77% minimum by weight CaCl ₂
Bulk Density	Approx. 50 lb/cubic foot
pH	8.0 to 10.5 (at 5 to 38% wt solutions)

TYPICAL ANALYSIS*

Sodium Chloride (NaCl)	< 4.0% by weight
Potassium Chloride (KCl)	< 1.5% by weight
Magnesium Chloride (MgCl ₂)	< 0.5% by weight
Iron (Fe)	< 0.002% by weight
Heavy Metals	< .005% by weight
Sulfates (as SO ₄)	< .075% by weight
Water Insolubles	< .03% by weight
Alkalinity (as CaCO ₃)	< .20% by weight

*impurities based on 100% CaCl₂ basis

TYPICAL SCREEN ANALYSIS

Screen Number:	
4 (4.76 mm)	80-100% passing by weight
8 (2.38 mm)	75% passing by weight
30 (0.59 mm)	5% passing by weight

TETRA CHEMICALS