

TETRA FLAKE DRY CALCIUM CHLORIDE

Product Data Sheet

General Description

TETRA Flake calcium chloride is a white, flaked, dihydrate product with 80 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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Safety and Handling

TETRA Flake dry calcium chloride when in solution forms a strong salt solution. Wear appropriate protective, impervious clothing. Wear safety glasses with non-flexible side shields or chemical goggles for proper protection of the eyes. Wear appropriate protective non-leather protective gloves and boots. Chemical protective gloves and boots such as PVC or Nitrile are recommended. Leather products do not offer adequate protection and will dehydrate with resultant shrinkage and possible destruction. This product should be handled in areas with proper ventilation. Before using this product, refer to the SDS which is available on the Company's website for complete safety and handling guidelines.

PHYSICAL PROPERTIES

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

CHEMICAL PROPERTIES

Calcium Chloride (CaCl₂)*	80 wt% minimum
Total Alkali Chlorides as NaCl**	6.0 % maximum
Total Magnesium Chloride (MgCl₂)**	0.5% maximum
*EDTA titration similar to ASTM E449-08	
**Active ingredient basis	

PARTICLE SIZE

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