



# 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

**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

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

#### TYPICAL ANALYSIS \*

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

\*impurities based on 100% CaCl<sub>2</sub> basis

#### TYPICAL SCREEN ANALYSIS

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