



**PRODUCT INFO  
& DATASHEET**

***SICO CALCIUM CHLORIDE min. 74%, Flakes***  
*Water soluble fertiliser for use in fertigation  
and many other applications*  
*(Made in China)*

4/2018

**1. PRODUCT DESCRIPTION**

Molecular formula: CaCl<sub>2</sub>.2H<sub>2</sub>O  
Molecular weight: 147  
CAS No.: 10035-04-8  
EC No.: 233-140-8

**2. PRODUCT SPECIFICATIONS & ANALYSIS - as standard: GB/T26520-2011**

Appearance	White Flakes
Assay as CaCl <sub>2</sub>	74% min.
Mg & Alkali Chloride (as NaCl )	5% max.
Calcium Hydroxide	0.35% max.
Calcium Sulphate	0.20% max.
Calcium Carbonate	0.20% max.
Water Insoluble	0.15% max.
Iron	0.006% max.
Heavy Metals (as Pb)	0.001% max.
Arsenic	0.0005% max.

**3. APPLICATIONS**

Calcium Chloride 74% flakes is a water soluble fertiliser for use in fertigation etc. It is also used as:

- Ice & snow melter
- Dust control on roadways and mines
- Road-base stabilizattion
- Dehydrating agent in petrochemicals
- Drying agent
- Antifreeze for ready-mix concrete
- Accelerator for cement
- Antifreeze for coal storage and transportation
- Water treatment etc.
- Water soluble weighting agent for formulating solids-free completion and workover fluids and to provide the desired water phase activity in invert emulsion muds. This product can be used in horizontal drilling and clear water flocculation.
- Accelerator in oil well cement slurries.

**4. PACKING**

Calcium Chloride 74% flakes is supplied in:

- 25 kg pp bags, without pallets, about 23.5 MT/20' fcl
- or - 1000 kg big bags

**5. STORAGE & HANDLING**

Protect packages from damage and keep them well closed. Store in a cool, well – ventilated, dry and shaded area, away from direct sunlight. Avoid inhalation, ingestion and contact with eyes and skin.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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**SICO FERTILISERS**  
EVERY TIME THE RIGHT SOLUTION