

EXPRESS CALCIUM CHLORIDE

Product Data Sheet

General Description

EXPRESS® calcium chloride (CaCl_2) is a white, premium anhydrous, high purity mini-pellet with 94 to 97 weight percent CaCl_2 .

EXPRESS exhibits the following features and benefits:

- It is fast dissolving,
- It is low dusting,
- It is a free flowing pellet, and
- It contains very low levels of impurities.

Applications

EXPRESS calcium chloride is widely used in oilfield applications such as completion and workover fluids to increase density, in cementing as an accelerator, and in the water phase of oil-based drilling muds.

EXPRESS calcium chloride is also suitable for ready mix concrete acceleration, dust stabilization on unpaved roads, tire weighting, brine refrigeration, and non-potable water treatment, and other industrial and commercial applications.

Availability

EXPRESS PACKAGING

Package	Pallet Size	Units/ Pallet	Pallets/ Truckload
50 lb Plastic Bag	40x48	56	15
25 kg Plastic Bag	40x48	42	18
80 lb Plastic Bag	40x48	35	15
80 lb Paper Bag	40x48	35	15
2000 lb Bulk Bag	44x44	1	21
1000 kg Bulk Bag	44x44	1	19

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Safety and Handling

EXPRESS calcium chloride when in solution 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 mini-pellet
Odor	None
Assay	94 to 97% by weight CaCl_2
Bulk Density	Approx. 55 lb/cubic foot
pH	7.0 to 10.5 (at 5 to 38% solution)

TYPICAL ANALYSIS*

Calcium Chloride	≥ 94% by weight
Alkali Chlorides (as NaCl)	< 1% by weight
Total Magnesium (as MgCl_2)	< 0.1% by weight
Other Impurities (not H_2O)	< 1% by weight
Iron (Fe)	< 20 mg/kg
Sodium (Na)	< 500 mg/kg
Sulfates (as SO_4)	< 250 mg/kg
Alkalinity (as CaCO_3)	< 2,000 mg/kg
Heavy Metals (including Pb)	< 20 mg/kg
Lead (Pb)	< 5 mg/kg

*impurities based on 100% CaCl_2 basis

TYPICAL SCREEN ANALYSIS

Screen Number:	
4 (4.76 mm)	100% passing by weight
8 (2.38 mm)	80-100% passing by weight
40 (0.42 mm)	0-5% passing by weight