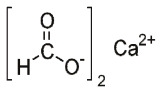
PRODUCT DESCRIPTION

Calcium formate is a concrete additive that does not corrode reinforcement. Its primary role is to accelerate the hydration of tricalcium silicate in cement and improve early-age cement strength. The effect of the calcium formate accelerator depends on the tricalcium silicate content of the cement. The lower the tricalcium silicate content, the better the strength effect. It also maintains the strength of the mortar at a later stage and has an excellent anti-freeze effect.

SPECIFICATIONS AND CHARACTERISTICS

Chemical type:	Calcium Formate Construction Grade
Chemical Structure:	
Calcium Formate, wt %:	98.0 min
Moisture, wt %:	0.5 max
Water Insolubles, wt %:	0.05 max
Molecular Weight:	130.12
Melting Point:	decomposes
pH of 10% Water Solution:	7.5
Bulk Density lbs / ft3:	72.6
Degree of substitution:	H
Appearance:	White to yellow crystals or crystalline powder

SOLUBILITY

Grams / 100g Water	
at 0°C	16.2
at 100°C	18.4
Grams / 100g of Methanol	
at 15°C	0.27
at 66°C	0.23

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PACKAGING

- 25kg net multi-layer paper bag with polyethylene inner liner
- 500-700 kg per pallet.
- 20 pallets per 20ft FCL.

STORAGE

Store in cool, dry conditions in the original packaging, as the product is hygroscopic. APP-CF dust is capable of exploding. Store away from heat, sparks and flames, and do not expose it directly to high temperatures, as it can explode due to dust.

SHELF LIFE

Shelf life: 2 years.

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