

## Calcium Formate

Made in India | Superior Quality

Calcium Formate is an Inorganic additive specially manufactured in India by Geocon Products with the best qualities and properties. Calcium Formate is widely used in tile adhesives to prolongs open time, improves adhesion and is a highly efficient strength accelerator. The another advantage of Calcium Formate in mortar is of mortars where low skin formation is achieved with improvement in water stability. Other than tile grouts and mortars calcium formate is widely used in leather tanning, agriculture, gas desulphurization, Oil well cementing, Textiles and sealant industry.



### Application of Calcium Formate

- Chemical Industry
- Chemical synthesis
- Coal
- Concrete additives
- Construction
- Construction material
- Dyestuffs, pigments and optical brighteners
- Energy
- Feedstuff additives
- Gas desulphurization
- Glues and adhesives
- Leather auxiliaries
- Leather industry
- Manufacturing of dyestuffs
- Manufacturing of glues and adhesives
- Silage preservation agents
- Tanning agents
- Textile auxiliaries
- Textile industry

### Typical Properties

Form. .... White crystalline powder  
Chemical formula.....(C<sub>2</sub> H<sub>2</sub> O<sub>4</sub> Ca)  
Calcium Formate .....98% min.  
Bulk Density kg/m<sup>3</sup> ..... 850-1200  
Particle size >250µm % .....Max 35  
Specific gravity..... 2.023(20°C)  
Pyrolysis temperature.....>400°C  
pH.....6-8  
Solubility.....Partially Soluble

#### Heavy metals

Arsenic, mg/kg..... <12  
Cadmium, mg/kg..... <0.75  
Lead, mg/kg..... <30  
Mercury, mg/kg .....<0.1

### Compatibility of calcium formate in cement & Pozzolans

Calcium Formate is compatible with all Portland cement systems, including GGBS, PFA and limestone blends. Calcium Formate is compatible with all admixtures, but should be added to the mix separately.

### Brand

AXELRATE & EXPLORAX

### Package

Standard Packing: In 25kg Printed BOPP Laminated Bag  
1 X 20 feet container = 20 Pallets = 800 bags = 20,000 kg  
Approx. 44000 pounds for US market

### Usage, storage and transportation

Powder is easy to absorb moisture and should be stored in a sealed original bag, be placed in a dry place. No more than 40°C and don't overstock. Be careful during transportation to avoid damage and damp. It is non-toxic, non-irritating, non-combustible products. The product is Non-Haz for transportation regulations

### Validity time

For 1 year buy you can continue to use it if there is no lump after one year also.

**GEOCON**

*Creating Diverse Chemistries*

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NOTE: Although the data supplied above is believed to be accurate, each user is advised to make an independent determination as to whether the described product is appropriate for a particular use or application, whether such use will comply with all applicable laws or regulations, and whether such use will infringe the intellectual property rights of third parties.