

# PRODUCT PROFILE

## Liquid Calcium Chloride



### PRODUCT DESCRIPTION

Hill Brothers Liquid Calcium Chloride is a non-synthetic naturally occurring salt solution derived from natural source concentrated via solar evaporation. It is a natural safe non-hazardous environmentally friendly product with several application benefits. Hill Brothers Chemical handles various grades of Liquid Calcium Chloride: intended for uses in organic farming, as a natural food grade ingredient, and as a commercial product for many industrial uses.

It is listed by the EPA as a Safer Choice product; it is regarded as safer for human health and the environment. Calcium chloride is applied as a Best Management Practice (BMP) for unpaved roads, as a water absorbing additive for dust control and anti-icing in the United States, to prevent pollution of surface and groundwater systems. It is highly soluble in water, and unlike rock salt, is very effective at removing moisture from its surroundings. Calcium Chloride is effective at low temperatures, less damaging to pavement and concrete structures than NaCl, and an excellent alternative to NaCl and MgCl<sub>2</sub> salts in applications where lower sodium or magnesium concentrations are desired. Because of its lower eutectic point, calcium chloride has superior ice melting capacity to NaCl and MgCl<sub>2</sub>.

### GENERAL PHYSICAL AND CHEMICAL PROPERTIES

Appearance.....	Clear to Amber
Specific Gravity.....	1.28 – 1.39
CaCl <sub>2</sub> wt.%.....	29-38%
pH.....	5-10

### PRODUCT AND APPLICATIONS

	HICO Liquid Calcium Chloride	Liquid Calcium Chloride	HB98
OMRI and CDFA Organic Certified	✓		
As a foliar nutrient for crops and plants	✓		
NSF Certified, Food Grade, meets Food Chemical Codex (FCC)	✓	✓	
Water treatment	✓	✓	
Additive for food processing and packaging	✓	✓	
Treatment for fruits and vegetables	✓	✓	
Alginate manufacture for various industries	✓	✓	
Refrigeration	✓	✓	
Plastic manufacture	✓	✓	
Oil industry	✓	✓	
Deicing	✓	✓	
Dust control	✓	✓	
Tire weighing	✓	✓	
Road Construction	✓	✓	
ASTM D98			✓
Concrete Additive			✓

### Benefits

- Best Management Practices (BMP)
- Low freezing point
- Safe, non-hazardous chemical
- Ecologically friendly

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Southern California (800) 438-8515    Northern California (800) 438-8515    Phoenix, Arizona (888) 866-2210    Tucson, Arizona (888) 866-2210    Utah/Pacific Northwest (800) 336-3911



Hill Brothers Chemical Co.  
(714) 998-8800  
www.hillbrothers.com