

PRODUCT SPECIFICATIONS

LIQUID CALCIUM CHLORIDE



DESCRIPTION

Hill Brothers' Liquid Calcium Chloride is produced from natural brine deposits in the California Desert. Solar evaporation is used to concentrate naturally occurring non-synthetic brine. Natural liquid calcium chloride is produced with strict product specifications to meet or exceed NSF and FCC specifications, available from 30 to 38% concentration.

USES

- Road Stabilization
- Deicing Agent
- Food & Agro-Food Industry
- Water Treatment
- Dust Control
- Oil Gas Well Fluids
- NSF Certified to NSF/ANSI 60.
- Meets Food Chemical Codex (FCC) specifications.
- Washington State Organic Certified.
- Produced under current Good Manufacturing Practice (cGMP) (21 CFR 117).
- Applicable for Food Grade applications as a direct food additive and for indirect food applications (21 CFR 184.1193 and 21 CFR 582.1193).

PHYSICAL PROPERTIES

Appearance	Clear to Amber	Alkalinity as CaOH ₂	FCC ...	< 0.3%
Calcium Chloride (% CaCl ₂) ...	30% to 38%	Fluoride as F*	FCC ...	< 40 mg/kg
Calcium (Ca)	10% to 14%	Lead as Pb*	FCC ...	< 4 mg/kg
Specific Gravity @ 60°F	1.30 to 1.39	Magnesium & Alkali Salts as MgCl ₂ * ...	FCC ...	< 5%
Weight per Gallon	10.80 to 11.58 lbs./gal	<i>*Calculated on the CaCl₂ determined as assay %.</i>		
pH	5 to 10			
Freezing Point	-52°F to 48°F			

AVAILABILITY

Hill Brothers Liquid Calcium Chloride is available in a variety of packaging options; drums, totes, mini-bulk, and truck load bulk. Visit our website, www.hillbrothers.com, or contact your Hill Brothers sales or customer service representative for more information.

SAFETY

Calcium Chloride is classified as a non-hazardous chemical, however it is a strong salt solution. Wear the appropriate personal protective equipment, including, impervious clothing, rubber gloves, and rubber boots. Leather work boots and/or leather products will dehydrate with resultant shrinkage and possible destruction. Splash-proof safety goggles and splash shields should be worn where there is any possibility of calcium chloride contacting the eyes. Refer to the SDS, available at www.hillbrothers.com, for complete safety and handling.



Certified to
NSF/ANSI 60

Liquid Calcium Chloride 30% to 38%
Max Use.....200mg/L



Meets Food Chemical Codex (FCC) Specifications

Rev. 5/2021

The information on this Product Profile is based on data obtained by our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof, or that any such use will not infringe any patent. This information is furnished upon the condition the person receiving it shall make his own tests to determine the suitability thereof for his particular purpose. For latest product specifications, contact our nearest sales office.

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