

i GENERAL DESCRIPTION

It is a calcium salt with hydrochloric acid, having the chemical formula CaCl_2 , which is characterized by an increased absorption of moisture.

Q TECHNICAL QUALITY CONDITIONS

No.	Properties	U.M.	Admissibility conditions	
1	Appearance	-	dust/dust and irregular granules	
2	Calcium chloride content:	expressed as CaCl_2	%	min. 77
		expressed as $\text{CaCl}_2 \times 2 \text{H}_2\text{O}$	%	min. 102
3	Alkalinity expressed as Ca(OH)_2	%	max. 0,3	
4	Alkaline and magnesium salt content	%	max. 4	
5	Acid-insoluble substances content	%	max. 0,02	
6	Acid-insoluble particle size (sample of 1 kg)	mm	max. 2	
7	Sulphates content (SO_4^{2-})	%	max. 0,05	
8	Iron content (Fe)	mg/kg	max. 10	
9	Arsenic content (As)	mg/kg	max. 3	
10	Mercury content (Hg)	mg/kg	max. 1	
11	Lead content (Pb)	mg/kg	max. 2	
12	Fluorides content (F-)	%	max. 0,004	

Note: Product belongs to food additives category, E 509

🧪 USES

- food additive
- processing agent (e.g. cheese industry to correct calcium levels in milk)
- pickles-preventing agent used for soaking, fermentation and rot
- acidity regulator - increases the firmness of fruits and vegetables
- flavor enhancer
- supplements nutrients (such as calcium source)
- anti-microbial agent
- anti-mold agent
- in beer and soft drinks industry as water hardness regulator and as agent for lowering alkalinity and pH adjustment

📦 PACKING

- in polypropylene bags having 25 kg net weight
- in big-bags having 1000 kg net weight

🏠 STORAGE

the product is stored and kept in its original package (airtight closed) in clean and dry warehouses away from humidity, direct action of heating sources and incompatible substances; calcium chloride is a hygroscopic product

🚚 TRANSPORT

product transport is made by covered means of transport; according RID/ ADR last edition, the product is not included into any danger class