



Technical Information

01.05.2023

Calcium Chloride 77% Flakes Technical Grade

Chemical formula:	CaCl ₂
CAS-No.:	10043-52-4
EC-No.:	233-140-8
REACH:	01-2119494219-28-XXXX
HS-Code:	28272000
Appearance:	White flakes, odourless

Characteristic	Unit	Specification	Typical Value
CaCl ₂	%	≥ 77	78
Residual mass as H ₂ O	%	N/A	18 - 22
Bulk density	kg/m ³	–	800 - 900
pH (in 10% CaCl ₂ -solution at 20°C)		9 - 11	10.4
Na	%	≤ 1	0.7
Alkalinity as Ca(OH) ₂		≤ 0.3	0.1
Insoluble in water	%	≤ 0.20	0.05
Mg	mg/kg	≤ 200	60
Fe	mg/kg	≤ 5	1
SO ₄	%	N/A	< 0.01

Typical Sieve Analysis

6.3 mm	ca. 100 % approx. passing
4 mm	ca. 90 % approx. passing
2 mm	ca. 30 % approx. passing
1 mm	ca. 10 % approx. passing

Packaging: 25 kg bags on pallet; 1,000 kg big bags on pallet.

Storage conditions: Hygroscopic product;
Storage in a dry place protected from the weather and in tightly closed original packaging at normal room temperature;
Store product on pallets away from direct contact with the ground and covered to ensure protection from sunlight.

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Reference: Oct 4, 2022

TK

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