

CC tech® 34%

Calcium chloride technical grade liquid



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General Description

TETRA Chemicals Europe use selected raw materials in a dedicated production process. CC tech® is produced with special attention to quality and consistency.

Applications

CC tech® is used in a multitude of applications within a wide variety of industries. It is used:

- In water purification to precipitate fluorides, sulphates, and phosphates.
- As an emulsion breaking agent in latex and plastics production.
- As an additive in concrete to decrease setting time, especially in cold weather conditions.
- In the oil industry to provide high density clear brine fluids.
- In the pulp and paper industry to improve printability.
- In alginate production as a thickening agent.

For more information on applications please visit:
www.tetrachemicals.com

Availability

CC tech® 34% is produced in Belgium. It is available as a bulk liquid in tank trucks.

Safety and Handling

Before using this product, refer to the MSDS available on our website for complete safety and handling guidelines.

Physical Properties

Appearance	Clear to slightly turbid, colorless to slightly yellow
Odor	None
Crystallization temperature	-20° C
Typical density at 20°C	1330 kg/m ³

Chemical Properties

Parameter	Unit	Specification	Typical value
CaCl ₂ concentration	%	> 34	34.3
pH (in 10% CaCl ₂ solution at 20°C)	-	9-11	10
Na	%	< 0.1	< 0.01
Insoluble in water	%	< 0.05	0.01
K	%	< 0.05	0.008
Mg	%	< 0.05	0.01
SO ₄	%	< 0.05	< 0.05
Fe	mg/kg	< 5	0.2

www.tetrachemicals.com

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