

CC tech[®] 34%

Calcium chloride technical grade liquid



TETRA Chemicals Europe

Box 901, SE-251 09
Helsingborg, SWEDEN
Phone: +46 42 453 27 00
Fax: +46 42 453 27 80
info@tetrachemicals.com

Box 551, FI-67701
Kokkola, FINLAND
Phone: +358 6 8282 111
Fax: +358 6 8282 575

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 Germany. 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
Typical crystallization temperature	-20° C
Typical density at 20°C	1.33 kg/L

Chemical Properties

Parameter	Unit	Specification	Typical value
CaCl ₂ concentration	%	> 34	34.3
pH (in neat liquid)	-	8-10	9
Mg	mg/kg	< 200	50
Sulfate	mg/kg	< 100	80
Heavy metals (as Pb)	mg/kg	< 10	< 10
Mn	mg/kg	< 5	< 0.5
Fe	mg/kg	< 5	0.2
Pb	mg/kg	< 0.5	< 0.2
As	mg/kg	< 0.5	< 0.05
Cu	mg/kg	< 0.5	< 0.5
Zn	mg/kg	< 0.5	< 0.5

www.tetrachemicals.com

Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Seller assumes no obligation or liability for the information in this document. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. Further, nothing contained herein shall be taken as a recommendation to manufacture or use any of the herein described materials or processes in violation of existing or future patents. Copyright © 2010 TETRA Technologies, Inc. All rights reserved. TETRA and the TETRA logo are registered trademarks of TETRA Technologies, Inc. This data sheet replaces all other versions.

