



# CARE-CAL WT

## Filter medium for re-mineralization and neutralization of drinking and swimming water

### DESCRIPTION

Care-Cal WT is a Calciumcarbonate based filter medium for neutralization and re-mineralization of evaporated, reversed osmosis and softened water. Care-Cal WT is a granular product with a microcrystalline structure. By this structure Care-Cal WT outperforms ordinary limestone by far.

### ADVANTAGE

- Natural product
- Excellent dissolved CO<sub>2</sub> reduction
- Removes Iron, Maganese and Aluminium
- Raises and stabilizes the pH
- Protects pipe work against corrosion
- NSF Standard 60 certified
- CEFAS certified, for offshore applications

### APPLICATIONS / DIRECTIONS FOR USE

The solubility of Care-Cal WT in water is low and is not insignificantly influenced by the water temperature. In absence of Carbondioxide the solubility amounts: 25 - 35 mg/liter; corresponding to a hardness of 1,5 - 2,0 °dH. Simultaneously to this re-hardening process, the pH value increases from pH 5,5 - 6,0 (typical pH-value of untreated evaporator distillate or reversed osmosis water) up to pH 7,5 - 8,5.

In the presence of carbondioxide in distillate, the resulting hardness increases proportionally to the Carbondioxide content according to the reaction between Care-Cal WT, Carbondioxide and water by formation of the readily soluble compound: Calciumhydrogencarbonate

Product consumption 2,5 grams/m<sup>3</sup> water per ppm CO<sub>2</sub> reduced

- Eco-friendly
- Biodegradable
- Low consumption
- According FDA
- NSF Standard 60 certified
- OCNS Registered

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## DOSAGE

Total average consumption of Care-Cal WT is 25 - 35 grams/m<sup>3</sup> water.

## PROPERTIES

Article number	14411
pH	7,8
Density	2,85 g/cm <sup>3</sup>
Flashpoint	Not applicable
Physical state	Granular, 1 - 4 mm

## APPROVALS

- Care-Cal WT is according FDA for direct food contact
- NSF Standard 60 certified, C0095457
- OCNS registered, 24826, for Offshore applications

For detailed information on safety and health, please refer to the Material Safety Data Sheet MSDS and/or product label.

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