

Corfit CT Initial

Non-foaming, non-ionic dispersant for cooling circuits



Brief information

Product type: Dispersant and booster for oxidising biocides

Contains: Non-ionic polymers

Preferably used for: Initial treatment, support of shock disinfection in case of biofilm growth or cooling-circuit maintenance during operation

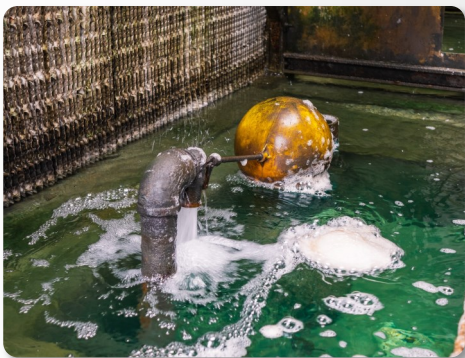
Dosage: 100–500 ml/m³

Transport class: No hazardous goods, no transport restrictions

Container size: 20 kg

pH-value (direct): 5–6

Density (20°C): approx. 1.03 g/cm³



Product description

Corfit CT Initial is a highly effective dispersing water additive for commissioning and/or maintaining dirty refrigeration systems and air scrubbers. It can also be used during operation and in installations with significant biofilm growth.

Corfit CT Initial helps biocides to penetrate the surfaces of biofilms and mucus layers. This significantly enhances the effectiveness of shock disinfection with Sanosil Super 25 or Sanosil C.

At the same time, oil, sludge and dissolved biofilms are mobilised so that they can be flushed out.

Corfit CT Initial: Properties

- Dissolves and mobilises biological deposits and slime
- Enhances the effect of biocides
- Disperses oil, sludge and clay
- Inhibits sediment sludge formation and subsurface sludge corrosion
- Optimises heat transfer and flow performance



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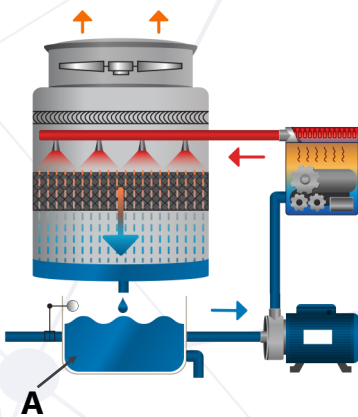


Dosage

- Discontinuous use: For **supporting shock disinfection** in case of significant bio-film growth as well as **for cleaning** contaminated cooling systems during operation: **100–500 ml of Corfit CT Initial per m³ of cooling water.**
- Continuous use: For maintenance to optimise heat transfer, reduce sludge deposits and improve flow performance: **20–100 ml of Corfit CT Initial per m³ of cooling water.**



(Note: If dispersing effects as well as hardness stabilisation and corrosion protection are required for continuous use, we recommend using our combination products **Corfit CT Closed** or **Corfit CT Protect**. The documentation for these products is available separately).



Instructions for use:

- Corfit CT Initial is either added manually or using a dosing pump directly into the compensating tank (A).
- Shock disinfection with Sanosil Super 25 or Sanosil C is only performed when the added Corfit Initial has been uniformly distributed in the cooling circuit.
- The breakdown of biofilms and the mobilisation of dirt in the circuit can cause the water to become cloudy or discoloured. The dissolved dirt must be flushed out through the desalination system or valve.
- Any filters may become clogged faster than usual due to the dissolved dirt load in the water. It may be necessary to carry out additional backwashing procedures after using Corfit CT Initial.

Sanosil Super 25/Sanosil C

To effectively control biofilms which consist of germs that promote corrosion, form slime and/or are harmful to health, we recommend using the biocides **Sanosil C** or **Sanosil Super 25 in addition to Corfit CT Initial**. Depending on the application, the product is either added intermittently (shock disinfection) or continuously (maintenance disinfection). The dosage and application depend on a number of factors and should be discussed with us prior to treatment to ensure optimum results.



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