

Corfit CT Bright

Pickling and descaling agent with corrosion inhibitor and colour indicator



Brief information

Product type: Pickling and descaling agent

Contains: Amidosulphonic acid, corrosion inhibitor, colour indicator

Preferably used for: Descaling/pickling of coolers, heat exchangers and pipelines

Dosage: 70–150 g / litre of water
Transport class: ADR - UN 2967

Container sizes: 25 kg drum

pH-value (direct): <2



Product description

Corfit CT Bright is a powdered industrial cleaner for removing lime/mineral deposits. It can also be used as a pickling agent against flash rust. Ideal for use in coolers, heat exchangers and pipelines.

Corfit Bright produces a strong acidic reaction in water and therefore dissolves calciferous incrustations. In addition, any flash rust is also removed. Thanks to the added corrosion inhibitor, metals remain protected from aggressive effects of the acid. A treated surface is thus prepared for the build-up of a corrosion-protection layer during passivation.

The added indicator dye shows the degradation/neutralisation of the acid through a colour change and makes it possible to top it up in good time.

100g of Corfit Bright dissolves 50g of calciferous deposits.

Corfit CT Bright: Properties

- Safe dissolution of scale (calcium and magnesium carbonates)
- Ideal for periodic cleaning of water-bearing systems
- Safe protection of materials due to the integrated inhibitors
- Colour change when the cleaning effect is depleted



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Application/Dosage

Pre-treatment with a new system

- Fill the circuit with water.
- Circulate with dispersants (Corfit Initial) for approx. 30 min to mobilise dirt and grease.

In addition, in case of existing biofilm build-up:

- Shock dosing with Sanosil Super 25 or Sanosil C for several hours or overnight. Completely or partially replace the water depending on the degree of contamination.



Pickling/Decalcifying

- Lower the water level in the system to the minimum, then lower it to pH 2 using Corfit Bright and maintain it for 24 hours. To do this, mix Corfit Bright with water in a small tank and dose it into the collection tank using a pump that is resistant to acids. Initial dosage approx. 70 g of Corfit Bright per litre of water in the system. Circulate the basin contents so that the water flows through all parts of the system.
- Once the indicator dye changes colour from red to yellow, add more Corfit Bright. Depending on the lime content, add twice the amount over the course of a few hours. 1 g of Corfit Bright dissolves 0.5 g of limescale. (Usual consumption for a significantly calcified system: 6 x 25 kg per 1,000 litres of water and 2 x 25 kg as a reserve.)
- In the case of galvanised steel materials, the pH value is either lowered more moderately to pH 3–4 or the exposure time is reduced to about 8 hours).
- Towards the end of the cleaning period, do not add any more Corfit Bright. Wait until the solution turns yellow (neutral), then drain the solution and thoroughly rinse with water.

If the colour does not change, neutralise it with a little sodium hydroxide solution. To do this, carefully add caustic soda to the circuit until the colour change occurs.

Passivation/corrosion inhibitor: (follow-up treatment)

- Replenish the water in the system, add 300 ml/m³ of Corfit Protect (corrosion inhibitor, hardness stabiliser and dispersant) to the water and maintain this dosage for 8–12 weeks. The dosage can then be reduced to the quantity required for regular operation.



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