

SurTec® 534

Aqueous Corrosion Inhibitor

Properties

- liquid
- for temporary corrosion protection
- especially suited for immersion application
- usable for all materials
- also suited for application in hard water
- free of nitrites

Application

After drying, SurTec 534 forms a temporary corrosion protection film, which is removable in the cleaning bath. Therefore SurTec 534 is dosed in the last rinse before drying. The application concentration depends on the requested corrosion protection grade. The use of deionised water is recommended.

make-up value: 0.2-2.5 %vol (in deionised water)

temperature: 25-90°C

application time: up to 5 minutes

Technical Specification

(at 20°C)	Appearance	Density (g/ml)	pH-value (conc.)
SurTec 534	liquid, yellow-brown	1.047 (1.03-1.06)	8.3 (7.5-9)

Maintenance and Analysis

Analyse and adjust the concentration of SurTec 534 regularly.

Two different methods are possible to determine the concentration:

1. Corrosion test according to DIN 51360, part 2.
2. Photometric determination of the concentration. Dilute the sample with deionised water (1:10) and measure the absorbance at 220 nm in a quartz cuvette. Determine the concentration of SurTec 534 by using a calibration curve.

For further detailed information, please contact us.

Ingredients

- organic corrosion inhibitors

Stock Keeping

In order to prevent delays in the production process, per 1,000 l bath the following amount should be kept in stock:

SurTec 534 25 kg

Product Safety and Ecology

The safety instructions and the instructions for environmental protection have to be followed in order to avoid hazards for people and environment. The Material Safety Data Sheets (according to European legislation) contain explicit details for this.

The following hazard designations and classifications into water hazard classes (WHC) have to be taken into account:

<u>product</u>	<u>hazard designation</u>	<u>water hazard class</u>
SurTec 534	-	WHC 1

Warranty

We are responsible for our products in the context of the valid legal regulations. The warranty exclusively accesses for the delivered state of a product. Warranties and claims for damages after the subsequent treatment of our products do not exist. For details please consider our [general terms and conditions](#).

Further Information and Contact

In our forum, you can discuss topics of the surface technology:

<http://forum.SurTec.com/>

If you have any questions concerning the process, please contact your local technical department: <http://SurTec.com/International.html>

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