

SurTec® 010

Anticorrosion Spray Cleaner

Properties

- liquid
- provides temporary corrosion protection
- fast demulsifying
- suitable for hard water
- sprayable even at room temperature
- contains bactericides
- suited for vibratory finishing

Application

SurTec 010 is used for cleaning and passivating of iron in single- or multi-chamber spray systems.

make-up value: 1-4 %vol

temperature: room temperature - 80°C

application time: 1-10 min

Technical Specification

(at 20°C)	Appearance	Density (g/ml)	pH-value (conc.)
SurTec 010	liquid, yellowish-reddish	1.055 (1.04-1.07)	8.5 (8-9)

Maintenance and Analysis

Analyse and adjust the concentration of SurTec 010 regularly.

Sample Preparation

Take a sample at a homogeneously mixed position and let it cool down to room temperature. If the sample is turbid, let the turbidity settle down and decant or filter the solution.

SurTec 010 – Analysis by Titration

reagents: 0.1 N hydrochloric (or sulfuric) acid
indicator: methyl orange solution (0.04 %)

procedure: 1. Pipette 20 ml bath sample into a 250 ml Erlenmeyer flask.
2. Dilute with approx. 100 ml deionised water.
3. Add 3 drops of indicator.
4. Titrate with 0.1 N acid from yellow to red.

calculation: consumption in ml · 0.3 = %vol SurTec 010

Ingredients

- nonionic surfactants
- amines
- bactericides

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 010 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 010	-	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>