

SurTec[®] 125

High Pressure Cleaner

Properties

- liquid
- highly concentrated, alkaline cleaner
- usable for high pressure and steam cleaning
- stable in hard water
- suited for iron, steel, aluminium and plastic
- applicable for cleaning tank wagons

Application

SurTec 125 is used in high pressure and steam cleaning systems.

In the recommended concentrations aluminium and brass will not be attacked. However SurTec 125 should not dry on the surface, so rinse thoroughly with water afterwards.

make-up value: 1.0-3.0 %vol

temperature: 60-90°C

Technical Specification

(at 20°C)	Appearance	Density (g/ml)	pH-value (at 10 g/l)
SurTec 125	liquid, pale yellow, clear	1.240 (1.21-1.27)	approx. 12.4

Maintenance and Analysis

Analyse and adjust the concentration of SurTec 125 regularly.

Sample Preparation

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

SurTec 125 – 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 to approx. 100 ml with deionised water.
3. Add 3 drops of indicator.
4. Titrate with 0.1 N acid from yellow-orange to red.

calculation: consumption in ml · 0.22 = %vol SurTec 125

Ingredients

- alkali hydroxides
- silicates
- anionic surfactants
- salts of organic acids

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 125	C - Corrosive	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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