

# SurTec® 120

## Liquid Intensive Cleaner

For High Pressure and Steam Cleaning

### Properties

- highly concentrated
- neutral
- intensive cleaning capability
- suitable for all materials

### Application

make-up values:	steam and high pressure systems	0.5-1.0 %vol
	brush wash systems	0.3-0.5 %vol
	foam systems	2.0-8.0 %vol
	manually	1.0-2.0 %vol
temperature:	room temperature up to 60°C	

### Technical Specification

(at 20°C)	Appearance	Density (g/ml)	pH-value (at 10 g/l)
SurTec 120	liquid, yellowish, clear	1.015 (1.00-1.03)	approx. 7.0

### Maintenance and Analysis

Analyse and adjust the concentration of SurTec 120 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 120 – Photometric Determination of the Surfactant

method: Dr. Lange Küvettentest LCK 334  
Photometer Dr. Lange

procedure:

1. Pipette 1.0 ml bath sample into the cuvette.
2. Close the cuvette and mix well.
3. After 2 min waiting mix well again for 2 min by shaking.
4. For phase separation wait some minutes (measure always after the same time of waiting!).
5. Clean the cuvette outside with a cloth and measure the absorbance.

calculation:  $(\text{absorbance} + 0.026) \cdot 5.6 = \text{\%vol SurTec 120}$

## Ingredients

- anionic surfactants
- nonionic surfactants

## 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 120                      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 120	Xi - Irritant	WHC 2

## 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>

31 May 2011/DK, UK