

# SurTec® 026

## Liquid Acid Cleaner

### Properties

- high effective mixture of wetting agents and acids
- removes impurities like greases, oils, polishing pastes and layers of oxide quickly without leaving any remainder
- suitable even for delicate surfaces like glass, plastics and lacquer

### Application

make-up value: 1-4 %vol

temperature: 40-80°C

application time: 0.5-2 min

### Technical Specification

(at 20°C)	Appearance	Density (g/ml)	pH-value (at 10 g/l)
SurTec 026	liquid, yellowish - dark orange, clear	1.039 (1.02-1.06)	2.6 (2-3)

### Maintenance and Analysis

Analyse and adjust the concentration of SurTec 026 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 026 – Analysis by Titration

reagents: 0.1 N sodium hydroxide solution (NaOH solution)  
indicator: phenolphthalein

procedure:

1. Pipette 10 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 NaOH solution from colourless to pink.

calculation: consumption in ml · 0.78 = %vol SurTec 026

### Ingredients

- anionic surfactants
- nonionic surfactants
- organic acids
- 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 026                      50 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 026	C - Corrosive	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>

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