

SurTec® 400 S

Fume Suppressant

Properties

- alkaline liquid
- recommendable in etching baths for initial bath make-up and excessively strong hydrogen evolution
- for etching processes without or with insufficient exhausting system
- reduces aerosol formation through the formation of a foam blanket

Application

make-up value:	0.2-0.5 g/l
temperature:	up to 80 °C
pH-value:	alkaline
tank material:	heatable steel tanks (alloy ST 35) or polypropylene (PP) tanks (PP tanks up to 70 °C working temperature only)
heating:	possible
exhaust:	possible
filtration:	not necessary

Technical Specification

(at 20 °C)	Appearance	Density (g/ml)	pH-value (conc.)
SurTec 400 S	liquid, yellowish, clear	1.040 (1.02-1.06)	9 (8-10)

Maintenance and Analysis

An analysis of SurTec 400 S is not necessary because the product will be performed according to the needs.

Ingredients

- surfactants

Consumption and Stock Keeping

The consumption of SurTec 400 S depends to its needs.

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

SurTec 400 S 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 400 S	Xi - Irritant	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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