

# SurTec® 089

## Recyclable Detergent Component

### Properties

- liquid
- highly concentrated
- suitable for ultra sonic application
- recyclable in combination with builders as SurTec 131, SurTec 132, SurTec 136, SurTec 138 and SurTec 140
- demulsifying
- suited for vibratory finishing

### Application

SurTec 089 is an additive for soak cleaning applications with or without ultra sonic.

make-up value: 0.3-1 %vol SurTec 089  
+ builder

temperature: depending on the instructions of the chosen builder

application time: depending on the instructions of the chosen builder

### Analysis

Add SurTec 089 proportional according to the dosage of the builder (e.g. addition of 3 % builder requires 0.3 % detergent component).

### Technical Specification

(at 20°C)	Appearance	Density (g/ml)	pH-value (at 2 %vol)
SurTec 089	liquid, light yellow to yellow	1.030 (1.02-1.04)	9.8 (8-11)

### Ingredients

- 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 089            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 089	Xn - Harmful N - Dangerous for the environment	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>

28 April 2011/DK, UK