

# SurTec® 422

## Inhibitor for Acid Pickling

### Properties

- liquid inhibitor for sulfuric and phosphoric acid pickling
- suitable for iron and steel

### Application

SurTec 422 Inhibitor is used as an additive in sulfuric and phosphoric acid pickling. It inhibits the corrosion attack on iron and steel. In a waste-water treatment according to the state of the art, the flocculation of heavy metals will not be impaired.

make-up value: 0.01-0.1 %vol according to the desired degree of inhibition

maintenance: proportionate addition according to the sulfuric or phosphoric acid maintenance

### Technical Specification

(at 20 °C)	Appearance	Density (g/ml)	pH-value (at 10 g/l)
SurTec 422	liquid, red-brown	1.200 (1.15-1.31)	1.8-2.4

### Ingredients

- mixture of organic inhibitors and sulfuric acid

### 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 422	C - Corrosive N - Dangerous for the environment	WHC 3

### 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>