



## RHOBA SUPRA V101

(RHOBASUR S 100 EP)

ARTIKEL- NR. 060013

Highly concentrated degreasing, rust removal and phosphating concentrate

### APPLICATION

Is a liquid and multifunctional combination product for simultaneous degreasing and phosphating and is used in the spraying process, in single and multi-chamber systems, as well as in high-pressure equipment.

Application	Concentration	Temperature	Contact time	Spray pressure
Spraying	1.5 – 5.0 w/w-% (1.3 – 4.3 vol-%)	55- 75 °C	1 - 3 min.	1.0 – 2.0 bar
Immersion	1.5 – 5.0 w/w-% (1.3 – 4.3 vol-%)	55 - 75 °C	3 – 7 min	-

For optimal results, the pH value must be adjusted to 4.0 - 5.5 by adding **RHOBA SUPRA Z402**. The pH value should be checked regularly and should not exceed 5.3. In case of very heavy soiling, degreasing can be intensified with **RHOBA SUPRA Z404**. The addition amounts to 0.05 - 0.5 %. After cleaning/phosphating, rinse the treated components with water.

### PROPERTIES

- Thoroughly cleans ferrous materials and aluminium
- can be added via a cost saving pH-value-controlled liquid dosing pump
- Long bath life due to optimised sludge behaviour
- Ideal as temporary corrosion protection and adhesion base for the following painting processes

### CONCENTRATION DETERMINATION

10 ml of the cleaning bath to be examined are added to a 250ml Erlenmeyer flask by means of a pipette. Add 50 ml of deionised water and 5 drops of the indicator solution (phenolphthalein solution, 1%). Add 0.1M sodium hydroxide solution (NaOH) and titrate until the colour changes from colourless to pink or red.

Calculation of the concentration:

Concentration (Vol.%) = [Consumption 0.1M sodium hydroxide (NaOH in ml)] x 0.52

### TECHNICAL DATA

Appearance	Light green, clear liquid
Density at 20 °C	approx. 1.1 g/ml
pH-value at 20 °C	2-3

Check material compatibility in an inconspicuous area prior to use. Follow the manufacturer's cleaning and care instructions! No liability can be accepted for improper use and any resulting damage.

### STORAGE

Storage temperature: 5-30 °C

Shelf life: 12 months