



RHOBA SUPRA V102

(RHOBASUR S 105 EP)

ARTIKEL- NO. 060024

Multifunctional degreasing, rust removal and phosphating concentrate

APPLICATION

RHOBA SUPRA V102 is a liquid combination product for simultaneous degreasing and phosphating and can be used by spraying, in single and multi-chamber systems, and by means of high-pressure equipment.

Application	Concentration	Temperature	Contact time	Spray pressure
Spraying	1,5 - 3,0 Wt. %	55 - 60 °C	1 - 3 min.	1,0 - 2,0 bar

For optimum results, the pH value must be adjusted to 4.5 - 4.8 by adding **RHOBA SUPRA Z402**. The pH value should be checked regularly. In case of particularly 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.

When using a high pressure cleaner in a circulation process, we recommend a bath addition of 3% and at least 60°C. If a defoamer is necessary, we recommend **RHOBA PURIA S103** or **RHOBA PURIA S104**.

PROPERTIES

- thoroughly cleans light metals and ferrous materials
- can be added via a pH-value controlled liquid metering pump
- ideal as temporary corrosion protection and adhesion base for the following painting and powder coating processes

CONCENTRATION DETERMINATION

10ml of the cleaning bath to be tested is added to a 250ml Erlenmeyer flask using a pipette. Add 50 ml of deionized water and 5 drops of the indicator solution (phenolphthalein solution, 1%). With 0.1M sodium hydroxide solution (NaOH), titrate until the color changes from colorless to pink or red.

Calculation of concentration:

Concentration (Vol. %) = [consumption 0.1M sodium hydroxide solution (NaOH in ml)] x 0.31

TECHNICAL DATA

Appearance	clear, brownish
Density at 20 °C	ca. 1,22 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