

P3-neutrare 400

P3-neutrare 400 液体形态，操作方式为高压喷淋。适用于铝合金和钢铁零件，乐泰粘合剂认可；短时防锈性能好。

包装 31kg

Aqueous neutral cleaner, applicable in spray processes from 10 ° C onwards

Fields of Application: Cleaning after cutting, stamping or pressing, simultaneously passivating steel and cast iron, e.g. in the metal working industry as well as in the manufacture of engines and transmissions.

Operating processes: Application in spray washers with one or more cleaning stages

Composition: Organic corrosion protection components
Cleaning active agents

Appearance: Clear, bright yellowish liquid
Raw material-dependent colour changes of the product cannot be excluded; the effectivity will, however, not be impaired.

Density (20 °C)

acc. to DIN 51757: 1.06 ± 0.02 g/cm³

Solubility: Infinite in water

Frost Resistance: > - 5 ° C

Storability: 2 years in closed, original containers (0 up to 40 ° C)

pH-Value (20 °C)

acc. to DIN 51369: 8.0 ± 0.4 (10 g/l in deionized water)

Application

Concentrations: 5 to 15 g/l on steel and nonferrous metals

10 to 20 g/l on cast iron

Modification of these conditions may be necessary due to specific needs of the process

Application Temperatures: 10 to 80 ° C

Duration of Treatment: 0.5 to 3 min

Longer duration of treatment may cause discolouration on nonferrous metals.

Determination

of Concentrations: Via titration of alkalinity with acid

Titration factor (TF): 1.3 g/(l*ml)

Feed: 100 ml

Acid: 0.5 n hydrochloric or sulfuric acid

End point : pH 4.0

Indicator: methyloange

Concentration (g/l) = TF x acid-consumption in ml

Replenishing: Recommended concentrations:

5 to 15 g/l on steel and nonferrous metals

10 to 20 g/l on cast iron

For each missing [g/l] please add 1 kg/m² P3–neutrare 400

Foaming Characteristics: Applicable in the given concentration and temperature ranges without interfering foam.

Information on Waste Water: Neutralization is generally not required. Due to soil infiltration during the washing procedure, waste water treatment may be necessary. Disposal must be carried out according to directives by local authorities.

Precautions: Full information on the hazards and safe handling of the chemicals as supplied are given in the corresponding Material Health & Safety Data Sheets which must be read and understood by everyone handling or using these products.

Special Remarks: – Corrosion protection is increased, if deionized water instead of tap water is applied and the work pieces are stored at low relative air humidity and shielded against weather exposure.

– The product does not contain inorganic salts.

– Even despite high infiltration of coolants, the foaming behaviour of the product is unlikely to change; as a rule existing foam can be destroyed and a new formation be avoided by adding P3–tensopon 0683.

– According to our present knowledge even sensitive aluminium alloys are not subject to discolouration during the cleaning process.

The expiry date of the product is given on the packaging labels.

This information is based on our current level of knowledge. It is given in good faith but it is not intended to guarantee any particular properties. The users must satisfy themselves that there are no circumstances requiring additional information or precautions or the verification of details given herein.