



Surface Technologies

P3-prevox® 6750

Aqueous temporary corrosion protective, applicable in spray and immersion processes from 15 °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.

Passivating of steel and cast iron for subsequent storage in closed warehouses.

Application in:

- Water for leak testing hollow parts, e.g. radiators, fuel tanks, intake manifolds, cooling systems and silencers
- Cooling water circuit on engine test benches
- Cooling water for induction hardening
- Mildly alkaline solutions as well as neutral cleaner solutions for improving the corrosion protection

Operating processes: Application in immersion and spray systems, especially in the last stage of multiple zone systems.

Composition: Organic corrosion protection components
Stabilizers against water hardness precipitation
Biocides

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: $1.06 \pm 0.02 \text{ g/cm}^3$

Solubility: Infinite in water

Frost resistance: $> -5 \text{ °C}$

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

pH-value (20 °C)

acc. to DIN 51369: 9.9 ± 0.3 (10 g/l in deionized water)

Application concentrations: 5 - 20 g/l on steel

15 - 30 g/l on cast iron

Application temperatures: 15 to 80 °C

Duration of treatment: 0.5 - 3 min

Longer duration of treatment may cause discolourations on nonferrous metals.

Determination of

concentrations: Via titration of alkalinity with acid

Titration factor (TF): 1.6 g/(l*ml)

Feed: 100 ml

Acid: 0.5 n hydrochloric or sulfuric acid

Endpoint: pH 3.6

Indicator: methylorange

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

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

Information on waste water: Neutralization with technical hydrochloric or sulfuric acid or other acidic waste water is 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.

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 and dries without hardly leaving spots.

- The stabilizer against water hardness precipitation included in this product avoids scaling of cleaning plants.

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.; 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.

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