



Technologies

Technical Product Bulletin

P3-Galvaclean 26

Highly alkaline cleaner for degreasing and removal of pigment residues in immersion and spray processes

Fields of application:	<p>Removal of grinding and polishing paste residues, resinified oils and drawing phosphate films from steel by spraying and by immersion with or without ultrasonics.</p> <p>In electrolytical degreasing plants for the removal of pigment residues and for activating the steel surface.</p> <p>P3-galvaclean 26 ist suitable for cleaning of copper by immersion. It is not suitable for the treatment of zinc, zinc die cast, aluminium and its alloys.</p> <p>P3-galvaclean 26 does not contain any tensides which have to be added separately if necessary.</p>
Compounds:	<p>Alkalies Phosphates Organic salts Inhibitor</p>
Appearance:	<p>powder</p>
Bulk density:	<p>approx. 1100 g/l</p>
Method of application:	<p>Immersion with or without ultrasonics Spraying Electrolytical treatment</p> <p>After degreasing and prior to further finishing processes the parts should be rinsed with water.</p>

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Bath Make-up:	Fill the bath with heated water (40 °C) and add P3-galvaclean 26 while stirring (protective equipment !). The bath should only be put in operation after the cleaner is completely dissolved.
Application concentrations:	20 - 60 g/l
Application temperatures:	40 - 95 °C
Treating time:	1 - 10 min
Titration factor:	5,9 g/(l*ml) Titration of 5 ml bath solution with 0,5 n HCl against methylorange
Foaming behaviour:	non foaming
pH-value:	approx. 13 in a solution of 10 g/l
Electrical conductivity:	42 mS/cm in a solution of 10 g/l at 20 °C temperature coefficient: 1,9 %/ °C
Tank material:	construction steel
Waste water treatment:	Neutralization with hydrochloric or sulphuric acid or other acidic waste water is required. The neutralization of 1 kg P3-galvaclean 26 requires 2,8 kg of sulphuric acid (25 %). Due to soil infiltration during the washing procedure, waste water treatment may be necessary.

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

The information provided herein, especially recommendations for the usage and the application of our products, is based upon our knowledge and experience. Due to different materials used as well as to varying working conditions beyond our control, we strictly recommend to carry out intensive trials to test the suitability of our products with regard to the required processes and applications. We do not accept any liability with regard to the above information or with regard to any verbal recommendation, except for cases we are liable of gross negligence or false intention.