Product properties – Technical sheet

COMPOUND TO REMOVE PHOSPHATE LAYERS	Item no.: 00 11 52

Areas of application	**Compound to Remove Phosphate Layers** is a strong alkaline compound to remove iron and zinc phosphate layers from parts made from steel. **Compound to Remove Phosphate Layers** can be used in aqueous spray and flooding cleaning equipment. Special components reduce the formation of sludge and deposits in the cleaning equipment and prevent the parts from damage. Prior to the treatment with the **Compound to Remove Phosphate Layers** the surface should be cleaned with a WIGOL degreaser.
Corrosion protection	**Compound to Remove Phosphate Layers** hasn't any components for corrosion protection to prevent sensitive material from corrosion.
Method of application	**Suitable for automatic metering (time relay, volumetric control or control by conductance):** Concentration: 5.0 – 15.0 % Temperature: 50 – 50°C Spray pressure: 2 – 6 bar Time: 3 – 5 minutes **Cleaning of the phosphatising plant:** Concentration: 10.0 % Temperature: 60 – 80°C Time: 48 – 72 hours According to the desired quality standard the cleaned parts must be rinsed thoroughly with water or demineralised water to remove any possible residues! If parts are sensitive to corrosion an addition of a corrosion inhibitor into the last rinsing bath is necessary.
Material compatibility	PVDF, PP, PE, ceramic, glass, steel, stainless steel, cast iron. **Compound to Remove Phosphate Layers** must not be used on aluminium and zinc. In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant spot before its definite use.

Product properties – Technical sheet

WIGOL® Cleaning and Disinfection

Analysis of concentration	according to the titration instructions		
Physical and chemical properties			
Aspect/colour	Clear	Colourless – Slightly Yellowish	
Form	Liquid		
Odour	Weak, Characteristic		
Foaming behaviour (see under conditions of application)	Not foaming		
Phosphates	n/a		
Density (20°C) g/cm³	1.390 – 1.410		
Concentration	**1 % in H_2O dest.**	**3 % in H_2O dest.**	**5 % in H_2O dest.**
pH value (1 %, 20°C)	12.5 – 13.1	n/a	n/a
Conductance (1 %, 20°C) mS/cm	15.0 – 17.0	42.5 – 46.5	70.0 – 76.0
Phenolphthalein alkalinity (ml)	6.5 ± 0.5 (1 % at 10 ml sample)		
m-Value (ml)	N/a		
Storage stability	+ 5°C to + 40°C		
Remarks regarding biocides	**n/a**		
Hazardous products	Potassium Hydroxide / Sodium Hydroxide		
Risk symbols			
	DANGER		
Special remarks	Always close the container with the original closure, and store the items in a cool area without solar radiation. Product which was taken out of the container must never be poured back into the container. **Read in any case our safety data sheet before using the product!**		
Disposal	Disposal acc. to official regulations, in case of doubt contact the manufacturer.		

Please refer to our safety data sheets and our operating instructions with regard to precautionary measures, first aid measures and storage. The information given in the Sheet corresponds to the present state of our technical knowledge and experience. They do not constitute any guarantee; they are to be considered as basic information only. In particular they do not guarantee particular properties or the suitability for a concrete purpose. Because of the multitude of possible influences during the application of our products, the user has to make in any case the relevant tests and take the corresponding precautions. Any existing intellectual property rights are to be observed.