



VR X 70 DEGREASER	Item no.: 00 05 86
Areas of application	<p>VR X 70 is a mild cleaner with special components for corrosion protection to be used in aqueous spray, flooding and immersion cleaning processes.</p> <p>VR X 70 is especially usable for parts made from steel and parts sensitive to corrosion. Using VR X 70 enables to have already corrosion protection in the washing bath, especially in 1-bath spray washing machines.</p> <p>VR X 70 is used to remove drawing oils, release agents and low-soil levels.</p> <p>Its neutral character and demulsifying detergents considerably support floating of oils so that the efficiency of the oil skimmer can be optimized.</p> <p>VR X 70 contains a special combination of detergents which ensure efficient cleaning without the formation of foam.</p> <p>VR X 70 is of particular use for the cleaning of delicate parts which have to be stored prior to their further processing.</p>
Corrosion protection	<p>VR X 70 has special components for corrosion protection to prevent sensitive material from corrosion.</p>
Method of application	<p>Suitable for automatic dosing (time relay or volumetric control):</p> <p>Concentration: 0.5 – 4.0 % Temperature: 50 – 80°C Pressure: 2 - 6 bar Time: 1 – 3 minutes</p> <p>Rinsing the cleaned parts to completely remove residues is not absolutely necessary and may lead to the removal of the corrosion protection layer.</p> <p>In the case of corrosion-sensitive parts, an anti-corrosion agent must be added to the last rinsing bath (if available).</p>
Material compatibility	<p>PVDF, PP, PE, PVC, stainless steel, ceramic, glass, grey cast iron, steel, non-ferrous metal and in some cases for aluminium.</p> <p>In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant part before its definite use.</p>

Product properties – Technical sheet

Analysis of concentration	according to the titration instructions		
Physical and chemical properties			
Aspect/colour	Slightly Cloudy	Colourless - Brownish	
Form	Liquid		
Odour	Weak, Characteristic		
Foaming behaviour (see under conditions of application)	Not Foaming		
Phosphates	Contained		
Density (20°C) g/cm³	1.040 – 1.060		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	8.7 – 9.3	n/a	n/a
Conductance (1 %, 20°C) mS/cm	n/a	n/a	n/a
Phenolphthalein alkalinity (ml)	n/a		
m-Value (ml)	4.05 ± 0.5 (1 % at 30 ml sample)		
Storage stability	+ 5°C to + 40°C		
Remarks regarding biocides	n/a		
Hazardous products	Reaction product of Maleic anhydride, 2-Ethylhexylamine and Triethanolamine / Fatty alcohol alcoxylate		
Risk symbols			
	DANGER		
Special remarks	<p>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.</p> <p>Read in any case our safety data sheet before using the product!</p>		
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.