

VR X 73 D DEGREASER	Item no.: 00 16 45
Areas of application	<p>VR X 73 D is a versatile, mild alkaline degreaser, especially developed to be used in aqueous spray, flooding and immersion cleaning processes to remove drawing oils and mould release agents as well as particles.</p> <p>VR X 73 D is a special high-performance cleanser with special detergents for very high efficient cleaning and absolutely foam free cleaning in washing machines with high pressure and strong turbulences.</p> <p>VR X 73 D contains special demulsifying detergents to support floating of oils so that the efficiency of the oil skimmer and filtration equipment can be optimized.</p> <p>VR X 73 D is of particular use for the cleaning of delicate parts. Because of the good material compatibility the product can be used to degrease a large range of different materials.</p>
Corrosion protection	<p>VR X 73 D 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 – 3.0 % Temperature: 40 – 90°C Pressure: 2 - 20 bar Time: 1 – 3 minutes</p> <p>According to the desired quality standard the cleaned parts must be rinsed thoroughly with water or demineralised water to remove any possible residues!</p> <p>If parts are sensitive to corrosion an addition of a corrosion inhibitor into the last rinsing bath is necessary.</p>
Material compatibility	<p>PVDF, PP, PE, PPS, PVC, stainless steel, ceramic, glass, grey cast iron, steel, non-ferrous metal and 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	Clear	Tawny – Brownish	
Form	Liquid		
Odour	Characteristic		
Foaming behaviour (see under conditions of application)	Not foaming		
Phosphates	Contained		
Density (20°C) g/cm³	1.095 – 1.115		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	9.5 – 10.5	n/a	n/a
Conductance (1 %, 20°C) mS/cm	1.10 – 1.25	2.80 – 3.20	4.55 – 5.05
Phenolphthalein alkalinity (ml)	n/a		
m-Value (ml)	4.5 ± 0.5 (1% at 30 ml sample)		
Storage stability	+ 5°C to + 40°C		
Remarks regarding biocides	n/a		
Hazardous products	Diallyldimethylammoniumchlorid, Homopolymer / Dioctyldimethylammonium chloride		
Risk symbols			
	VOID		
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.