

Product properties – Technical sheet

DEMULSIFIER VR X P1	Item no.: 00 16 46
Areas of application	<p>Demulsifier VR X P1 is a liquid neutral formulation which enable the quick separation of water from oil as well as the separation of emulsions from lubricating coolant. The product can be used in alkaline and acid cleaning solutions.</p> <p>Demulsifier VR X P1 is especially developed for the application in aqueous industrial parts and surface cleaning for the increasing of the service life of the washing bath.</p> <p>Demulsifier VR X P1 contains a special combination of cationic polymers and other ingredients for the acceleration of the separation.</p>
Method of application	<p>Add the product with an automatic dosing system (time relay, volumetric control) into the bathes of the washing machine:</p> <p>Concentration: 0.05 – 1.0 % Temperature: 40 – 85° C Time: 1 – 10 minutes</p> <p>Avoid overdosage! Overdosage comes to restructuring of new emulsion. The absolute precise concentration should be tested in a pilot testing in the lab. Use a beaker with well-defined quantity of the bath solution and add the Demulsifier dropwise into the solution till an optimum of separation has adjusted.</p>
Material compatibility	<p>Stainless Steel, Steel, Glass, Cast Iron, PVC, PVDF, PP, PE, Ceramic, Non-Ferrous Metals, Aluminium.</p> <p>Attention:</p> <p>In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant spot before its definite use.</p>

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Analysis of concentration	n/a		
Physical and chemical properties			
Aspect/colour	Clear	Colourless – Slightly Brownish	
Form	Liquid		
Odour	Odourless		
Foaming behaviour (see under conditions of application)	Not foaming		
Phosphates	n/a		
Density (20°C) g/cm³	1.025 – 1.045		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	5.5 – 7.5	n/a	n/a
Conductance (1 %, 20°C) mS/cm	n/a	n/a	n/a
Phenolphthalein alkalinity (ml)	n/a		
m-Value (ml)	n/a		
Storage stability	+ 5°C to + 40°C		
Remarks regarding biocides	n/a		
Hazardous products	Diallyldimethylammoniumchlorid, Homopolymer		
Risk symbols			
	VOID		
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.