


<b>VR X 64 US DEGREASER</b>	<b>Item no.:</b>  <b>00 12 03</b>
<b>Areas of application</b>	<p><b>VR X 64 US</b> is a neutral cleanser to be used in aqueous ultra-sonic, flooding and immersion cleaning processes.</p> <p><b>VR X 64 US</b> is usable for an extensive range of parts.</p> <p><b>VR X 64 US</b> is used to remove drawing oils and soaps, mould release agents, polishing and lapping pastes.</p> <p><b>VR X 64 US</b> helps oils and greases to float at the surfaces thus increasing the efficiency of the oil traps.</p> <p><b>VR X 64 US</b> contains a special combination of detergents which ensure efficient cleaning.</p>
<b>Method of application</b>	<p><b>Suitable for automatic metering (time relay, volumetric control):</b></p> <p>Concentration: 0.5 – 3.0 %        Temperature: 35 – 80°C        Time: 1 – 3 minutes</p> <p>After having used the product rinse thoroughly with water to remove any possible residues!</p>
<b>Material compatibility</b>	<p>PVDF, PP, PE, PVC, Stainless steel, steel, grey cast iron, ceramic, copper and, under certain conditions, aluminium, brass and zinc alloys.</p> <p>In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant spot before its definite use.</p>

## Product properties – Technical sheet

Analysis of Concentration	n/a		
Physical and chemical properties			
Aspect/colour	Clear	Slightly Brownish - Brownish	
Form	Liquid		
Odour	Weak, Characteristic		
Foaming behaviour (see under conditions of application)	Weak Foaming		
Phosphates	Contained		
Density (20°C) g/cm³	1.020 – 1.040		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	8.4 – 9.4	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	Isotridecanol, ethoxylated / Laurylaminepolyglykolether		
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.