

## Product properties – Technical sheet

<b>VR X 58 PKO DEGREASER</b>	<b>Item no.:</b>  <b>00 15 56</b>
<b>Areas of application</b>	<p><b>VR X 58 PKO</b> is a liquid mild alkaline cleanser to be used in aqueous spray, flooding and immersion cleaning processes as well as ultrasonic and dipping processes.</p> <p><b>VR X 58 PKO</b> is especially usable for surfaces made from aluminium.</p> <p><b>VR X 58 PKO</b> is has special chemical properties for the removal of particles and the removal of thin oxidations and corrosions on surfaces made from steel.</p> <p><b>VR X 58 PKO</b> helps oils and greases to float at the surfaces thus increasing the efficiency of the oil traps.</p> <p><b>VR X 58 PKO</b> contains a special combination of detergents which ensure efficient cleaning without the formation of foam.</p>
<b>Corrosion protection</b>	<p><b>VR X 58 PKO</b> hasn't any components for corrosion protection to prevent sensitive material from corrosion.</p>
<b>Method of application</b>	<p><b>Suitable for automatic dosing (time relay or volumetric control):</b></p> <p>Concentration: 0.5 – 5.0 %        Temperature: 50 – 90°C        Pressure: 0 - 1000 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! If parts are sensitive to corrosion an addition of a corrosion inhibitor into the last rinsing bath is necessary.</p>
<b>Material compatibility</b>	<p>PVDF, PP, PE, PVC, stainless steel, aluminium, ceramic, glass, grey cast iron, steel and non-ferrous metal.</p> <p>In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant part before its definite use.</p>

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<b>Analysis of concentration</b>	not applicable						
<b>Physical and chemical properties</b>							
<b>Aspect/colour</b>	Clear	Brown - Yellow-Brown					
<b>Form</b>	Liquid						
<b>Odour</b>	Characteristic						
<b>Foaming behaviour</b> <small>(see under conditions of application)</small>	Not foaming						
<b>Phosphates</b>	Contained						
<b>Density (20°C) g/cm<sup>3</sup></b>	1.120 – 1.140						
<b>Concentration</b>	<b>1 % in H<sub>2</sub>O dest.</b>	<b>3 % in H<sub>2</sub>O dest.</b>	<b>5 % in H<sub>2</sub>O dest.</b>				
<b>pH value (1 %, 20°C)</b>	6.5 – 8.5	not applicable	not applicable				
<b>Conductance (1 %, 20°C) mS/cm</b>	1.35 – 1.65	3.5 – 4.2	5.75 – 6.75				
<b>Phenolphthalein alkalinity (ml)</b>	not applicable						
<b>m-Value (ml)</b>	not applicable						
<b>Storage stability</b>	+ 5°C to + 40°C						
<b>Remarks regarding biocides</b>	not applicable						
<b>Hazardous products</b>	Cumol sulfonate						
<b>Risk symbols</b>	<table border="1" style="width: 100%; height: 60px;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> </table>						
	<b>VOID</b>						
<b>Special remarks</b>	<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><b>Read in any case our safety data sheet before using the product!</b></p>						
<b>Disposal</b>	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.