



TARTRATE CRYSTAL REMOVER F	Item no.: 00 00 61
Areas of application	<p>Tartrate Crystal Remover F is a liquid, foam regulated, highly active product for the removal of tartar, mould, deposits of fining agents, gelatine and yeast in tanks of refined steel and special synthetic material (resistant for alkaline solutions), as well as tanks with glass plates or cement lining.</p> <p>Tartrate Crystal Remover F is suitable in all areas of water hardness.</p> <p>Tartrate Crystal Remover F additionally removes yeast plants, mildew, protein residues as well as tartar deposits.</p>
Method of application	<p>1. Soaking process: About 10 kg of Tartrate Crystal Remover F is added to every 1,000 litres of water; the dose can be increased in the case of more serious accumulations. The time for working is 2 to 4 days depending on the type of tartar. The tank should then be thoroughly sprayed out with a powerful jet of water.</p> <p>2. Pumping or CIP-process: About 10 % solution of Tartrate Crystal Remover F is applied with 400 to 500 litres of water for every 5,000 litres of tank-volume. This is then pumped around by means of a spray-head at low or high pressure. The tank should then be thoroughly sprayed out with a powerful jet of water. Depending on the degree of contamination, the cleansing solution can be used for more than one tank by adding more powder. In the case of deposits of carbonate a special cleansing with Passivation S can be carried out if necessary.</p> <p>After having used the product rinse thoroughly with drinking water to remove any possible residues!</p>
Material compatibility	<p>PVDF, PP, PE, PVC, Stainless Steel, Glass, Cast Iron, Tiles</p> <p>Tartrate Crystal Remover F must not be used on aluminium. In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant spot before its definite use.</p>

Analysis of concentration	see titration method		
Physical and chemical properties			
Aspect/colour	Colourless		
Form	Liquid		
Odour	Odourless		
Foaming behaviour <small>(see under conditions of application)</small>	Not foaming		
Phosphates	None		
Bulk density (20°C) g/l	1,340 – 1,370		
Concentration	1% in H₂O dest.	3% in H₂O dest.	5% in H₂O dest.
pH value (1%, 20°C)	12.4 – 13.0	not applicable	not applicable
Conductance (1%, 20°C) mS/cm	16.0 – 20.0	47.0 – 54.0	77.0 – 87.0
Phenolphthalein alkalinity (ml)	8.1 ± 0.5 (1 % at 10 ml sample)		
m-Value (ml)	not applicable		
Storage stability	+ 5° C – + 40° C		
Remarks regarding biocides	Not applicable		
Hazardous products and risk symbols	Sodium Hydroxide   <p style="text-align: center;">DANGER WARNING</p>		
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.