

ADDITIV HS	Item no.: 00 11 74
Areas of application	<p>Additiv HS is a top-quality additive with a high cleaning effect, used to activate and stabilize alkaline solutions. Highly active agents against water hardness are responsible for a high efficient cleaning.</p> <p>Additiv HS is used to intensify the cleansing effect of all alkaline solutions used to clean the inner side of systems as well as surfaces.</p> <p>Additiv HS is of particular use when the additive should be given direct into the concentrated lye (NaOH 50 %).</p>
Method of application	<p>Add the product into the alkaline cleaning system:</p> <p>100.0 – 150.0 g/l (10 – 15 %) direct into the concentrated lye (NaOH 50 %)</p> <p>Dosing into the alkaline cleaning solution:</p> <p>Concentration: 4.0 – 6.0 g/l (0,4 – 0,6 %) into the alkaline solution Temperature: 5 – 85° C Time: 15 – 30 minutes</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</p> <p>Additiv HS must not be used on aluminium, steel, cast iron, or zinc.</p> <p>In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant spot before its definite use.</p>

Analysis of concentration	Using photometry		
Physical and chemical properties			
Aspect/colour	Colourless		
Form	Liquid		
Odour	Odourless		
Foaming behaviour (see under conditions of application)	Not foaming		
Phosphates	None		
Density (20°C) g/cm³	1.075 – 1.095		
Concentration	1% in H₂O dest.	3% in H₂O dest.	5% in H₂O dest.
pH value (1%, 20°C)	4.7 – 5.7	not applicable	not applicable
Conductance (1%, 20°C) mS/cm	not applicable	not applicable	not applicable
Phenolphthalein alkalinity (ml)	not applicable		
m-Value (ml)	not applicable		
Storage stability	- 5° C – + 40° C		
Remarks regarding biocides	Not applicable		
Hazardous products and risk symbols	Phosphonic acid Na-salt		
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.