


FLOCCULATOR AS	Item no.: 00 04 94
Areas of application	<p>Flocculator AS is a liquid flocculation agent for the sedimentation of organic and inorganic clouding in industrial waste water.</p> <p>Flocculator AS is especially developed to be used in water of swimming pools.</p> <p>Flocculator AS forms a very stable micro flake which can be separated in usual filter systems. The flakes will be separated on the bottom of the swimming pool and can be removed with a suction apparatus.</p>
Method of application	<ol style="list-style-type: none"> 1. Stop the filtration 2. add the product into the water 3. It is important to mix thoroughly 4. After the sedimentation remove the flakes from the bottom <p>Concentration: 0.01 – 0.02 % (100 – 200 g/m³)</p> <p>Temperature: 5 – 50°C</p> <p>pH value: 7.0 – 8.0</p> <p>Time: 30 – 120 minutes</p>
Material compatibility	<p>None incompatibility known.</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		according to the titration instructions	
Physical and chemical properties			
Aspect/colour	Clear	Colourless	
Form	Liquid		
Odour	Odourless		
Foaming behaviour (see under conditions of application)	Not foaming		
Phosphates	n/a		
Density (20°C) g/cm³	1.210 – 1.230		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	3.6 – 4.2	n/a	n/a
Conductance (1 %, 20°C) mS/cm	1.45 – 1.65	3.25 – 3.65	5.0 – 5.55
Phenolphthalein alkalinity (ml)	3.2 ± 0.2 (1 % at 5 ml sample)		
m-Value (ml)	n/a		
Storage stability	+ 5°C to + 40°C		
Remarks regarding biocides	n/a		
Hazardous products	Sulfuric acid, aluminium salt (3:2), tetradecahydrate		
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.