



Bio-Klaralgin® „aquatop® BioPol“

An economical product to promote and improve the anaerobic degradation capacity. Bio-Klaralgin® „aquatop® BioPol“ is a concentrated solution of bio-polyaluminiumchloride with added polishing agents. This combination multiplies the flocculation capacities of a norm-PAC. Bio-Klaralgin® „aquatop® BioPol“ is applied to in wastewater treatment processes and cleaning of industrial sewage as precipitation and flocculation product. In addition, this product in combination with Bio-Klaralgin® „aquatop® BA“ suits for controlling / abating filamentous bacteria in biological sewage treatment plants (even with regard to extreme infestation). Thus, Bio-Klaralgin® „aquatop® BioPol“ is also used as agent against bulking sludge, scum and foams in sewage treatment plants.

Fields of application

- Increase of process stability of the whole wastewater treatment.
- Reduction of sludge volume index.
- Reduction of BOD5- and COD figures.
- Increase of net efficiency.
- Compensation of one-sided loads.
- Physical control of filamentous bacteria.
- Flocculation of turbid substances.
- Prevention of uplift of fine flocs.
- Widely elimination of solid matter.
- Improving settling capacity of activated sludge flocs.
- Elimination of and prevention from deposition of sludge.
- Elimination of and prevention from formation of foams, bulking sludge and floating sludge.
- Physical elimination of phosphorus (elimination of phosphorus by deposit).

Application areas

- Communal sewage treatment plant
- Industrial sewage treatment plant

Application advantages

The product is activating, stabilizing and regenerating the disturbed biocenosis.

Dosage / Instructions for use

- Location of application:
At turbulent station
Inlet / outlet of activation basin
- Time of application: Continuously / in targeted intervals.



Bio-Klaralgin[®] „aquatop[®] BioPol“

Agent I	Al 2P3	17,0 ± 0,5 %
Agent II	Al	8,5 ± 0,3 %
Agent III	Cl -	20,0 ± 2,0 %
Additional Agent	AT Polymer	
Basicity	43,0 ± 5,0 %	
Active Agent	app. 3,15 mol/kg	
Trace Elements	As	<0,02 mg/kg
	Cd	<0,02 mg/kg
	Cu	<1,5 mg/kg
	Cr	<0,05 mg/kg
	Hg	<0,02 mg/kg
	Ni	<2 mg/kg
	Pb	<0,3 mg/kg
	Se	<0,02 mg/kg
	Sb	<0,02 mg/kg
Zn	<3 mg/kg	
Crystallization	-10 °C	
Form	liquid / paste	
Colour	blue / green	
Conduct to Water	soluble	
pH-Area	1,0 ± 0,5	
Security Data	see security data sheet 91/155/EWG and 1999/45/EG	
Quality Characteristic	in accordance with „LWA-Richtlinie“ and ATV Arbeitsblatt A-202.	
Health and Security	For detailed information on handling or restriction, please see our security data sheet.	
Dose Concentration	undiluted	
Dose Quantity	varying - according to individual problem	
Packaging	260 kg barrel	
	1.300 kg in 1.000 l one-way container	
Packaging Unit	2 x 260 kg barrel / pallet 520 kg	
	1 x 1.300 kg container	
Storage	frost-free, protect from sun	
Hint	Information given in this leaflet are not to be seen as product specification and accord to our actual knowledge. Eventually occurring gaps cannot be excluded. Based on this information, it is not guaranteed that patents of aqua-terra Bioprodukt GmbH or other involved companies are available.	