

Genefloc ABF

Combined Algaecide, Biocide & Flocculant

Genefloc ABF is designed to act as a combined biocide and flocculant, reducing the effects of colloids, bacteria and alga on membrane systems. It is a low molecular weight flocculant for use in surface, well and process waters of medium to high SDI. Genefloc ABF is designed specifically for use in feed waters susceptible to algal growth such as open reservoirs and ponds.

Application

Genefloc ABF can be diluted and is fully miscible with water in all proportions. Genefloc ABF should be dosed continuously to the feed water, at a turbulent location to ensure good mixing before the sand or multi-media filters. Genefloc ABF dose rate can be accurately determined with jar testing and SDI analysis.

Typical dose rate of Genefloc ABF is 2 - 10 mg/l during normal plant operation.

Health and Safety

Genefloc ABF is an aqueous solution of a cationic homopolymer. It is mildly corrosive to carbon steel so recommended materials for storage tanks etc. include stainless steel, fibre glass, polyethylene and polypropylene. Observe all safety precautions shown in the material safety data sheet, available on request.

Packaging

Available in 25 Kg kegs and 200 Kg drums.

The shelf life is two years under normal storage conditions.

Genefloc ABF is a viscous liquid at low temperatures.



Inhibits algae and bacteria



Reduces Silt Density Index

- ✓ Improves the performance of filtration equipment
- ✓ Effective against bacteria and algae
- ✓ Effective against a wide range of particulate matter
- ✓ Stable to degradation by chlorine
- ✓ Effective over a wide pH range
- ✓ Liquid product, easy to use

Typical properties

Appearance:	colourless liquid
pH as supplied:	4.0 – 5.0
Specific gravity:	1.00 – 1.10
Freezing point:	2°C

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