

Genefloc GPF

Flocculant

G E N E S Y S
I N T E R N A T I O N A L

www.genesysro.com

The Complete Solution

Improves Filtration Performance



Reduces Silt Density Index



- ✓ Improves the performance of filtration equipment
- ✓ Effective against a wide range of particulate matter
- ✓ Compatible with polyamide membranes
- ✓ Liquid product, easy to use

Typical properties

Appearance: pale yellow liquid
pH as supplied: 5.5 – 7.0
Specific gravity: 1.03 - 1.05
Freezing point: < - 2°C

Description

To minimise membrane fouling the silt density index (SDI) should be kept as low as possible. Genefloc GPF can be used to improve the performance of filtration equipment and has been developed as a general-purpose flocculant for use in surface, well and process waters with medium to high SDI values.

The selection of the best flocculant for a specific water quality often requires site testing. Genefloc GPF has been proven to be effective in more than 90% of cases where it has been used and shows no damaging effects to membranes if over-dosed.

Other flocculants from the Genefloc product range are available as required.

Application

Genefloc GPF should be dosed continuously to the feed water allowing at least 5 minutes contact time before filtration. Typical dose rate of Genefloc GPF is 1- 4 mg/L.

Genefloc GPF can be diluted and is fully miscible with water in all proportions.

Health and Safety

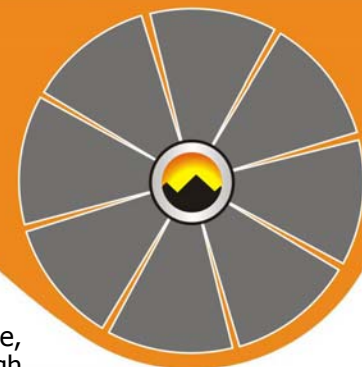
Genefloc GPF is an aqueous solution of a polyquaternary amine. It is compatible with carbon steel and commonly used materials of construction. A material safety data sheet is available on request.

Classification

CHIP: Not Classified | UN: Non Hazardous

Packaging

Available in 25 kg kegs, 200 kg drums and 1,000 kg IBCs. The shelf life is two years under normal storage conditions. Genefloc GPF is a viscous liquid at low temperatures.



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