

# Genefloc GPF

## Membrane Compatible Flocculant

To minimise membrane fouling and reduce cleaning frequency 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.

Genefloc GPF is compatible with polyamide membranes and does not foul membranes like conventional iron and aluminium based coagulants.

### Application

Genefloc GPF should be dosed continuously to the feed water allowing at least 5 minutes contact time before filtration. Dose rate can be optimised by on site jar testing and SDI analysis.

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 other commonly used materials of construction. Observe all safety precautions shown in the material safety data sheet, available on request.

### 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.



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
- ✓ Reduces plant cleaning frequency

### Typical properties

|                   |             |
|-------------------|-------------|
| Appearance:       | pale liquid |
| pH as supplied:   | 5.0 – 7.0   |
| Specific gravity: | 1.03 - 1.05 |
| Freezing point:   | -2°C        |

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