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Genefloc PWF is used to improve the performance of filtration equipment. It has been developed as a general-purpose (low molecular weight) flocculant for use in surface, well and process waters of medium to high SDI. Genefloc PWF conforms to European Standard EN 1408: 1998 "Chemicals used for treatment of water intended for human consumption – polyDADMAC". Other flocculants from the Genefloc product range are available as required.

Application

Genefloc PWF can be diluted and is fully miscible with water in all proportions. Genefloc PWF should be dosed continuously to the feed water, (at a turbulent location to ensure good mixing) allowing at least five minutes contact time before filtration.

Genefloc PWF can often reduce and sometimes eliminate the need for the prior addition of inorganic coagulants such as aluminium sulphate, ferric sulphate, etc.

Typical dose rate of Genefloc PWF is 2 - 5 mg/L.

Health and Safety

Genefloc PWF 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. A material safety data sheet is available on request.

Classification

CHIP: Not Classified | UN: Non Hazardous

Packaging

Available in 25 Kg kegs and 200 Kg drums.
The shelf life is two years under normal storage conditions.
Genefloc PWF is a viscous liquid at low temperatures.

Genefloc PWF Flocculant



Improves Filtration Performance



Reduces Silt Density Index

- ✓ Improves the performance of filtration equipment
- ✓ Effective against a wide range of particulate matter
- ✓ Stable to degradation by chlorine
- ✓ Effective over a wide pH range
- ✓ Liquid product, easy to use
- ✓ Approved for use in potable water applications
- ✓ NSF Listing

Typical properties

Appearance: clear pale liquid
pH as supplied: 5.5 – 7.5
Specific gravity: 1.02 - 1.04
Freezing point: 2°C

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