

FilterX™ 6100

LIQUID COAGULANT BLEND OF FERRIC SULFATE AND ORGANIC POLYMER

FilterX™ 6100 was developed to improve the efficiency of direct filtration processes to increase the removal colloidal solids and to remove dissolved organics. Direct filtration processes include clarifiers, multi-media filter systems and micro-filters.

Benefits

- Balanced blend of ferric sulfate and medium molecular weight organic polymer
- Effective when polymer-only formulations are ineffective
- Compatible with SpectraGuard™ 250 antiscalant and other phosphonate-based antiscalants
- Compatible with, and will not foul, polyamide membranes
- Effective over a wide pH range

Uses

- Proven to increase efficiency of colloidal removal in direct filtration systems
- To reduce turbidity, color, and colloidal constituents from a variety of process streams
- Typical dose range 2.0 to 20.0 mg/l

Specifications

Appearance	Amber to dark brown liquid
pH	1.0 – 2.0
Density (kg/liter)	1.30 – 1.40

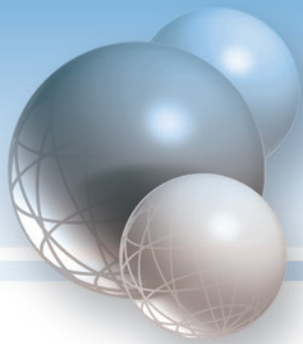
Packaging

Pail: 5 gallon/18.9 liter
Drum: 55 gallon/208 liter

Tote: 275 gallon/1,040 liter
Bulk: available upon request

For special packaging options, please contact PWT or your local distributor.





FilterX™ 6100

LIQUID COAGULANT BLEND OF FERRIC SULFATE AND ORGANIC POLYMER

General Mixing & Application Instructions for FilterX™ 6100

1. Overdosing of coagulants may cause reduction in filtration efficiency.
2. Contact Professional Water Technologies™ for application and dosing recommendations.

Note: Inorganic coagulants such as FilterX™ 6100 are dependent on pH and alkalinity and their addition alters that chemistry. Please refer to the following table for further application guidelines for FilterX™ 6100.

Illustration of addition of 1 mg/l ferric sulfate.

	Formula	Mg/l alkalinity reduction	Mg/l SO4 increase	Mg/l Na2SO4 increase	Mg/l CO2 increase	Mg/l total solids increase
Ferric Sulfate	Fe2(SO4)3	0.76	0.76	1.07	0.64	0.27

NOTE: Use of incompatible antiscalants may cause a gelatinous foulant on the membrane. Please contact Professional Water Technologies™ on the proper chemical program across the entire membrane system.

Company Overview

Founded in 1996, Professional Water Technologies™ develops industry leading products and services for maintaining and operating industrial, commercial, and municipal reverse osmosis and MF/UF systems. With efficiency and high performance behind everything we do, Professional Water Technologies™ solutions surpass our client's expectations by maximizing the operating efficiency, economy, and longevity of their systems. Solutions include super-concentrated phosphate-free antiscalants, membrane cleaners, membrane forensics services, and more.

