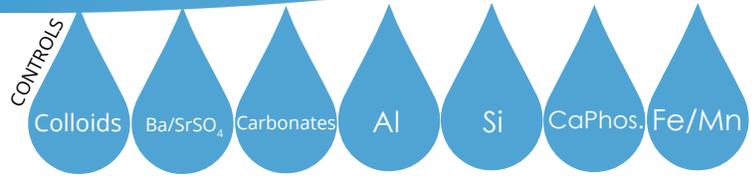


# Pretreat Plus® S1000

Antiscalant/Dispersant/Antifoulant



**Pretreat Plus® S1000** is a highly effective synergy antiscalant, specially formulated for water treatment systems using membrane technology. It prevents broad spectrum scale in high silica water. It contains a combination of well-proven agents which prevent crystallization of inorganic silica solutes while protecting membranes from deposition of colloidal particles. Use of this product is recommended for reducing the operating and capital costs of reverse osmosis (RO), nanofiltration (NF) and ultrafiltration (UF) systems.

## Features

- Effective in retarding polymerization and precipitation of reactive and non-reactive silica.
- Controls inorganic scale over a large concentration range.
- Compatible with RO, NF, and UF membranes from all major manufacturers.
- Decreases precipitation of aluminum, iron, and heavy metal salts
- Liquid formulation is safe and easy to use.
- Certified under NSF/ANSI Standard 60 for drinking water production.
- Protects membranes from deposition of colloidal silica.



### Dosage

In the dosage range of 1–15 mg/L (neat), control of a wide range of inorganic scales at up to 100x saturation values or higher is possible. By monitoring the concentrate stream and trend charts using iWaterPRO™, optimal dosage can be achieved for the control of scales.



### Specs

Appearance: Clear to Yellow Liquid	Product pH (neat): ≤ 3.8
Specific Gravity: 1.03 ± 0.02	Feedwater pH: 3.0-12.0

## Application

Pretreat Plus® S1000 should be injected into the feed stream prior to the static mixer and cartridge filter. Effective pH range is 3.0-12.0. If frozen, may be thawed and mixed before use.



## Packaging

5 gal (20 kg), 55 gal (220 kg),  
220 gal (969 kg), 275 gal (1211 kg)

