

Nutreat™ 1700

Antiscalant/Dispersant/Antifoulant

Nutreat™ 1700 is a highly effective polymer-based antiscalant that is specifically formulated for treatment of RO brine and feed waters with high TDS levels. This product can be used in to control scale in membrane filtration systems and open recirculating cooling circuits, and acts as a dispersant for sludge control in boilers. Nutreat™ 1700 does not contain phosphorous or phosphonates, and controls scale over a wide range of operating parameters. Use of this product is recommended for reducing the operating and capital costs of reverse osmosis, nanofiltration, and ultrafiltration systems.

Product Features:

1. Effectively Controls:
 - Precipitation of low-solubility salts, particularly calcium carbonate
 - Inorganic scale over a large concentration range
2. Offers stronger dispersant activity than that of phosphonate-based scale inhibitors.
3. Compatible with RO, NF, and UF membranes from all major manufacturers.
4. Certified under ANSI/NSF for safe drinking water production.
5. Effective in feedwaters with a pH range of 5.1 – 10.0.

SPECIFICATIONS

Appearance:	Clear, Colorless Liquid
pH:	2.0 maximum
Specific Gravity:	1.08 ± 0.05

Dosing Recommendations:

In the dosage range of 1-15 mg/L (neat), control of a wide range of inorganic scales at several times the conventional saturation values. Optimal dosage can be found empirically by monitoring trend charts and performance.

Application:

In feed water, Nutreat™ 1700 should be injected prior to the static mixer and cartridge filter. Effective pH range is 5-10. If frozen, may be thawed and mixed before use. Best used within 12 months.

Packaging:

Liquid: 5 gal, 55 gal, 275 gal

**SDS available at kingleetechnology.com*

