

SpectraGuard™ 370 is a high performance antiscalant/dispersant blend with broad spectrum scale inhibition, capable of controlling carbonates, sulfates, phosphates, metal hydroxides, silica and particulates. SpectraGuard™ 370 provides full protection of the membrane system from a multitude of feed waters. Perfectly suited for municipal reuse, heavy industrial, brackish wells and other high loading applications, enabling stable performance by complete control of the feed water chemistry.

Features / Benefits

- Using a proprietary blend of polymers and phosphonates this formula provides added control of membrane fouling in waters with high salts, high silica and colloidal foulants
- Stable molecular structure maintains integrity in high pH, high temperature and high salinity water

Uses

- Control of calcium carbonate, calcium sulfate, barium sulfate, calcium fluoride, silica, and hydroxides of iron and manganese

Specifications

Appearance	Amber/Clear liquid
pH (1% solution)	9.00 - 10.50
Density	1.00 - 1.40

Packaging

Pail: 5 gallon/18.9 liter

Tote: 275 gallon/1,040 liter

Drum: 55 gallon/208 liter

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

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LIQUID REVERSE OSMOSIS ANTISCALANT

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General Mixing & Application Instructions for SpectraGuard™ 3701.

1. Typical dose rates are 1.0 to 5.0 mg/l
2. Contact Professional Water Technologies™ or your local distributor for custom chemical dosing recommendation

ProDose XPRT™ – Scaling Prediction Software

ProDose XPRT™ uses the most accurate scaling prediction calculations available to accurately determine effective antiscalant dosage, and cleaning chemical usage. The user can enter multiple cases to study various operating conditions, directly enter concentrate analysis, and select the best PWT product and dosage for the application.

ProDose XPRT™ is available upon request only. Please contact your PWT representative for more information.

The screenshot displays the PWT ProDose software interface. At the top, there is a navigation bar with various parameters: UNITS (US), TEMPERATURE (Fahrenheit), PERMEATE FLOW (81.00), RECOVERY (75.0%), ANTISCALANT (SpectraGuard Liquid), DOSAGE (2.95 PPM), SOURCE (Well Water), PROJECT NAME (Project 1), and CASE (1). The main interface is divided into several sections: PROJECT INFORMATION, WATER QUALITY, SYSTEM INFORMATION, CHEMICAL SELECTION, CALCULATIONS, and REPORT. The OVERVIEW section contains fields for CLIENT NAME (City of San Diego), PROJECT NAME (Project 1), LOCATION, PREPARED BY, DATE (5/1/2016), and WATER TYPE (Well Water). The MEASUREMENTS section includes PRESET UNITS (CGS, Metric, U.S.), TEMPERATURE (Deg F), FLOW RATES (Gal/min), and MASS UNITS (lb). A table titled 'TOTAL CASES (1 AVAILABLE)' shows a single case with a modified date of 5/27/2016. The interface also features a sidebar with icons for each section and a bottom navigation bar.



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