

SpectraGuard™ 350 combines PWT's Dendriplex™ technology with specially selected phosphonates enabling superior carbonate, sulfate, and silica protection in feed waters with high suspended solids loading. This high performance formulation provides superior scale inhibition, allowing lower dosage rates compared to traditional phosphonate chemistries. SpectraGuard™ 350 is ideally suited for high salt, silica and colloidal foulant feed streams by ensuring stable performance with complete control of the feed water chemistry.

Features / Benefits

- Using a proprietary blend of dendriplex™ technology and phosphonates this formula provides added control of membrane fouling in waters with high salts, high silica and colloidal foulants
- Higher performance allows for lower dose rates than existing formulations
- Stable molecular structure maintains integrity in high pH, high temperature and high salinity applications
- Classified for use in membrane systems producing drinking water (ANSI/NSF Standard 60)

Uses

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

Specifications

Appearance	Amber liquid
pH (1% solution)	2.20 – 2.80
Density (kg/liter)	1.00 – 1.10



Packaging

Pail: 5 gallon/18.9 liter

Tote: 275 gallon/1,040 liter

Drum: 55 gallon/208 liter

Bulk: available upon request

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

SpectraGuard™ 350
 LIQUID REVERSE OSMOSIS ANTISCALE

SpectraGuard™ 350

LIQUID REVERSE OSMOSIS ANTISCALANT

General Mixing & Application Instructions for SpectraGuard™ 350

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 one 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.



PWT Headquarters & Manufacturing
1048 La Mirada Court, Vista, California 92081

Toll-Free: 800.914.9072 | Direct: 760.639.4400 | Fax: 760.639.4439
Email: sales@pwtchemicals.com | www.pwtchemicals.com



Headquarters: 54/18 Bui Quang La, Ward 12, Go Vap District, HCMC, Viet Nam
Office: 12 DHT10B, Dong Hung Thuan Ward, District 12, HCMC, Viet Nam
Phone: (028) 6258 5368 - (028) 6291 9568
Email: info@atswatertechnology.com
Website: www.atswatertechnology.com