



SpectraGuard™ 211 SC is a concentrated general purpose antiscalant/dispersant for broadscale control of inorganic salts, metal hydroxides, and colloids in RO feedwater. SpectraGuard™ 211 SC is an economical antiscalant product best suited for feedwaters with relatively low scaling potential and is compatible with all membrane types and system components. Its unique performance characteristics provide users with more complete control of system feedwater chemistry, reducing membrane fouling and minimizing cleaning requirements.

Features / Benefits

- 11x SuperConcentrate significantly reduces freight and inventory requirements
- Compatible with all thin-film composite (TFC) RO and NF membranes
- Compatible and will not precipitate in the presence of feedwater sources that contain metal oxides
- Stable molecular structure maintains integrity in high pH and high temperature 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	Pale yellow or colorless
pH (solution 1%)	1.50 – 2.00
Density (kg/liter)	1.40 – 1.50



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™ 211 SC
 CONCENTRATED, LIQUID REVERSE OSMOSIS ANTISCALANT

SpectraGuard™ 211 SC

CONCENTRATED, LIQUID REVERSE OSMOSIS ANTISCALANT

General Mixing & Application Instructions for SpectraGuard™ 211 SC

1. Typical dose rates are 0.18 to 0.56 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 the PWT logo and several data points: 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). Below this, a sidebar on the left contains icons for PROJECT INFORMATION, WATER QUALITY, SYSTEM INFORMATION, CHEMICAL SELECTION, CALCULATIONS, and REPORT. The main content area is divided into several sections: OVERVIEW (with fields for CLIENT NAME: City of San Diego, PROJECT NAME: Project 1, LOCATION, PREPARED BY, DATE: 5/1/2016, and WATER TYPE: Well Water), MEASUREMENTS (with dropdowns for PRESET UNITS: CGS, Metric, U.S.; TEMPERATURE: Deg F; FLOW RATES: Gal/min; and MASS UNITS: lb), COMMENTS (OPTIONAL) (a large text area), and TOTAL CASES (1 AVAILABLE) (a table with columns for Cases and Modified Date, showing Case 1 with a modified date of 5/27/2016). The interface is clean and professional, with a dark grey header and sidebar, and a light grey main content area.



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