



SpectraGuard™ 225 combines synergetic phosphates to provide a superior antiscalant/dispersant that is compatible with cationic polymers (See FilteRx product line). Highly effective against carbonate, sulfates and metal hydroxides, SpectraGuard™ 225 provides the ideal solution for membrane systems where cationic polymers are used upstream, such as light industrial and municipal applications.

Features / Benefits

- Based on a synergistic blend of phosphates this product is compatible with cationic polymers commonly fed in upstream system components (such as Professional Water Technologies™ FilteRx™ product line).
- Stable in presence of chlorine, can be used in systems with halogen in feedwater
- Effective over a wide pH range, minimizing need for pH adjustment
- Compatible and will not precipitate in the presence of feedwater sources that contain metal oxides

Uses

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

Specifications

Appearance	Clear amber liquid
pH (1% solution)	2.00 – 2.80
Density (kg/liter)	1.00 – 1.10



Certified to
NSF/ANSI/CAN 60

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™ 225
LIQUID REVERSE OSMOSIS ANTISCALANT

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General Mixing & Application Instructions for SpectraGuard™ 225

1. Typical dose rates are 2.0 to 6.0 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.

PWT ProDose

PWT

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 | CASE: 1

PROJECT INFORMATION

OVERVIEW

CLIENT NAME: City of San Diego
PROJECT NAME: Project 1
LOCATION:
PREPARED BY:
DATE: 5/1/2016
WATER TYPE: Well Water

MEASUREMENTS

PRESET UNITS: CGS | Metric | U.S.
TEMPERATURE: Deg F
FLOW RATES: Gal/min
MASS UNITS: lb
Enter

COMMENTS (OPTIONAL)

TOTAL CASES (1 AVAILABLE) Max 9 +

Cases	Modified Date
1	5/27/2016

Selected Case Description