PWT™

ATS WATER TECHNOLOGY

SpectraGuard™ 100 is a ready for use liquid antiscalant/dispersant that has been proven as a superior pretreatment in RO feed waters. With its ability to handle high levels of carbonate, sulfate and silica scale, as well as low concentrations of iron, SpectraGuard™ 100 ensures stable performance with complete control of the feed water chemistry.

Features / Benefits

- Phosphate-free formula reduces negative impact on the environment
- 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
- Can be blended with other pretreatment formulations from Professional Water Technologies to reduce chemical dosing equipment

Specifications

Appearance	Clear liquid
pH	2.00 – 3.00
Density (kg/liter)	1.00 – 1.10

NSF Certified to NSF/ANSI 60

Packaging

Pail: 5 gallon/18.9 liter

Drum: 55 gallon/208 liter

Tote: 275 gallon/1,040 liter

Bulk: available upon request

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

SpectraGuard™ 100

LIQUID REVERSE OSMOSIS ANTISCALANT

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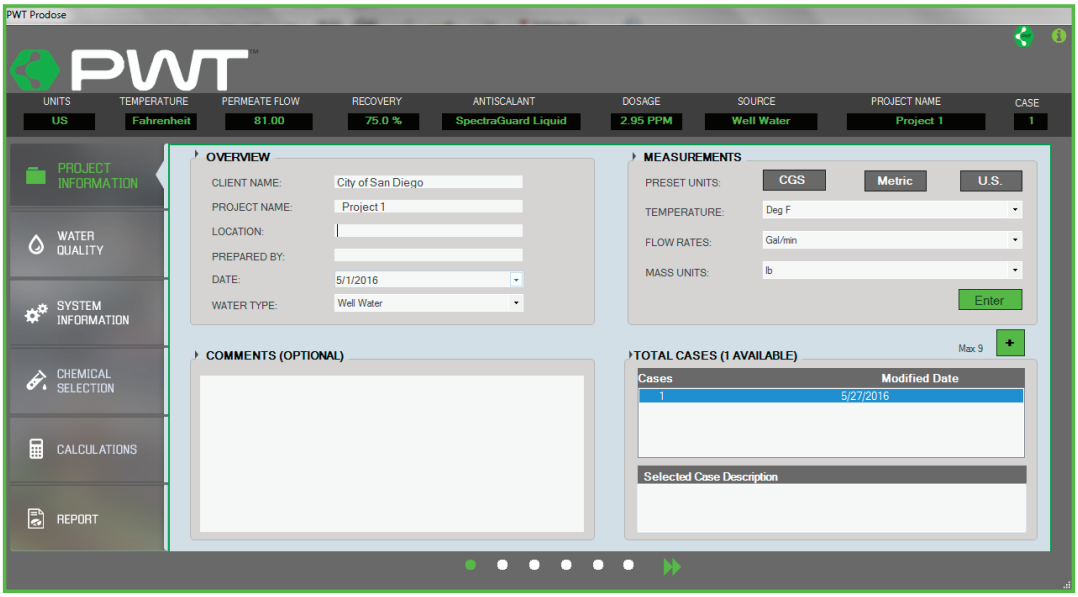
General Mixing & Application Instructions for SpectraGuard™ 100

1. Typical sea water dose rates are 0.25 to 0.5 mg/l, and typical brackish water dose rates are 1.0 to 3.0 mg/l.
2. Contact Professional Water Technologies™ or your local distributor for custom chemical dosing recommendation.
3. We use ProDose to determine your scaling potential and recommended chemical dosing levels.

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.



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