

OrganoGuard™ 100 is a ready for use chemical pretreatment developed to reduce the adhesion of organics to the membrane surface and other ancillary equipment. OrganoGuard 100's ability to effectively disperse organic foulants present in feed waters makes it a great addition to any pretreatment regiment. Ideal for systems plagued with organic fouling issues, OrganoGuard 100 ensures stable performance with superior control of the feed water chemistry.

Features / Benefits

- Phosphate-free formula to reduce 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

- For reverse osmosis (RO) and nano-filtration (NF) membranes
- 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



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.

OrganoGuard™ 100
LIQUID PROCESS AID

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General Mixing & Application Instructions for OrganoGuard™ 100

1. Typical dose rate is 1.0 mg/l per mg/l of TOC
2. Call 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 tabs: 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, PROJECT NAME, LOCATION, PREPARED BY, DATE, and WATER TYPE), MEASUREMENTS (with dropdowns for PRESET UNITS, TEMPERATURE, FLOW RATES, and MASS UNITS), COMMENTS (OPTIONAL), and TOTAL CASES (1 AVAILABLE). A table below the cases section shows a single case with ID 1 and a modified date of 5/27/2016. The interface is clean and professional, with a dark grey header and light grey content areas.



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