

Titan ASD™ 200 SC is an economical 11x concentrated antiscalant/dispersant that has been proven as a highly effective pretreatment of RO feed waters. Capable of inhibiting carbonate and sulfate scale, as well as lower concentrations of iron and silica, Titan ASD™ 200 SC ensures stable performance with broad control of feed water chemistry.

### Features / Benefits

- 11x concentrate significantly reduces freight and inventory requirements
- 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, and hydroxides of iron and manganese
- Can be blended with other pretreatment formulations from Professional Water Technologies™ to reduce chemical dosing equipment

### Specifications

Appearance	Amber or colorless liquid
pH	1.60 - 2.80
Density (kg/liter)	1.00 - 1.20



### 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.*

**Titan ASD™ 200 SC**  
 CONCENTRATED, LIQUID REVERSE OSMOSIS ANTISCALANT

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## General Mixing & Application Instructions for Titan ASD™ 200 SC

1. Typical dose rates are 0.18 to 0.56 mg/l
2. Call Professional Water Technologies™ or your local distributor for custom chemical dosing report.

## 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: 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, plus an Enter button), COMMENTS (OPTIONAL) (a large text area), and TOTAL CASES (1 AVAILABLE) (a table with columns for Cases and Modified Date, showing one case with ID 1 and date 5/27/2016, and a Selected Case Description field below it).