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

Uses

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

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Pale yellow or colorless</td>
</tr>
<tr>
<td>pH (solution 1%)</td>
<td>1.00 – 2.00</td>
</tr>
<tr>
<td>Density (kg/liter)</td>
<td>1.40 – 1.60</td>
</tr>
</tbody>
</table>

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.
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.