Vitec 4000® is a liquid antiscalant and dispersant that offers excellent silica scale inhibition and allows increased system recoveries in high silica feedwaters.

This product is a multicomponent formulation that prevents silica scale precipitation at higher concentrations than typical antiscalants, a feature that may allow significantly increased membrane system recovery in high silica feedwaters. Vitec 4000 retains its performance even in reverse osmosis (RO) concentrate streams containing up to 4 mg/l of ferrous iron.

Vitec 4000 is approved for use in systems producing drinking water in the UK, and by NSF International under NSF/ANSI Standard 60.

**INSTRUCTIONS FOR USE**

**Injecting**
Best results are achieved when Vitec 4000 is injected downstream of multimedia filters and upstream of cartridge filters.

**Dosing**
A typical Vitec 4000 dose ranges from 2-5 mg/l. A site-specific dose can be determined using the Avista Advisor software program.

**Dilution**
Vitec 4000 is formulated to be injected neat. However, if dilution is required, use deionized water or RO permeate. If neither of these is available, softened water may be substituted. The dilution for Vitec 4000 should not result in a solution strength of less than 10%. This guideline will protect the effectiveness of the internal bacteriostat, which inhibits bacterial growth in the product packaging and feed tank.

**PRODUCT INFORMATION**

**Packaging and Storage**
Standard regional pack sizes are listed below. Information on drumless or bulk tanker delivery is available on request.

<table>
<thead>
<tr>
<th>Packaging Format</th>
<th>AMERICAS/ASIA</th>
<th>EMEA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pail</td>
<td>45 lb</td>
<td>23 kg</td>
</tr>
<tr>
<td>Drum</td>
<td>500 lb</td>
<td>230 kg</td>
</tr>
<tr>
<td>IBC tote</td>
<td>2500 lb</td>
<td>1100 kg</td>
</tr>
</tbody>
</table>

Please consult your sales representative for further technical or logistical details and always review the SDS before use to ensure suitable safety precautions are followed.

**SPECIFICATIONS**

- **Appearance:** Clear, amber to pale yellow liquid
- **pH (as supplied):** 4.5-6.5
- **Specific gravity (@25°C):** 1.1-1.2

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