

**PERFORMANCE BENEFITS:**

- Powerful against these and other types of scale:

Calcium Carbonate	CaCO <sub>3</sub>
Calcium Sulfate	CaSO <sub>4</sub>
Barium Sulfate	BaSO <sub>4</sub>
Strontium Sulfate	SrSO <sub>4</sub>
Calcium Fluoride	CaF <sub>2</sub>
Silica	SiO <sub>2</sub>

- Controls both scale and inorganic fouling.
- Highly effective at low dose rates in a wide variety of feedwaters and pH ranges.
- Compatible with polyamide and cellulose acetate RO membranes from all major manufacturers.
- Compatible with polyelectrolyte coagulants.

Vitec® 5000 is a liquid antiscalant and dispersant used to control scale and inorganic fouling in a variety of feedwaters and pH ranges. It is a powerful inhibitor against carbonate and sulfate scales and disperses colloidal particles in reverse osmosis (RO) and nanofiltration (NF) membrane systems.

Vitec 5000 has been approved for use in systems producing drinking water in the UK, conforming to EN 15040.

**INSTRUCTIONS FOR USE**
**Injecting**

Best results are achieved when Vitec 5000 is injected upstream of the membrane system and, where possible, of cartridge filters.

**Dosing**

A typical Vitec 5000 dose ranges from 2-5 mg/l. A site-specific dose can be determined using the Avista Advisor software program.

**Dilution**

If dilution is required, Vitec 5000 should be diluted with deionized water or RO permeate. If neither of these water sources is available, softened water may be substituted. The dilution for Vitec 5000 should not exceed 10% by weight.

**PRODUCT INFORMATION**
**Packaging and Storage**

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

**SPECIFICATIONS**

Appearance: Light amber liquid

pH (as supplied): 2.0-3.0

Specific gravity (@ 20°C): 1.12-1.22

PACKAGING FORMAT	AMERICAS/ ASIA	EMEA
Pail	–	23 kg
Drum	–	230 kg
IBC tote	–	1100 kg

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.

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