

PERFORMANCE BENEFITS:

- Powerful against these and other types of scale:

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

- High tolerance for ferrous ion and excellent dispersant for alum particles.
- Highly effective in a wide variety of feedwaters and pH ranges.
- Compatible with polyamide and cellulose acetate RO/NF membranes from all major manufacturers.

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.

CORPORATE OFFICES

Avista Technologies, Inc.

Avista Technologies (UK) Ltd

Vitec® 2000 is a liquid antiscalant and dispersant designed for use in feedwaters that have a wide range of scaling challenges or where there is a high level of iron to be dispersed. Its dispersant qualities reduce colloidal and silt fouling of reverse osmosis (RO) and nanofiltration (NF) systems.

This antiscalant can be used in a wide variety of feedwaters, including surface or well waters, as well as applications in seawater, brackish water and waste water for the production of industrial waters.

INSTRUCTIONS FOR USE

Injecting

Best results are achieved when Vitec 2000 is injected downstream of multimedia filters and upstream of cartridge filters. In systems using sulfuric acid (H₂SO₄), the best results are obtained when the acid is injected far enough upstream to ensure it is adequately mixed prior to the Vitec 2000 injection point.

Dosing

A typical Vitec 2000 dose ranges from 2-5 mg/l. A site-specific dose can be determined using the Avista Advisor software program.

Dilution

Vitec 2000 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 2000 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.

SPECIFICATIONS

Appearance: Amber to light yellow
pH (as supplied): 4.5-5.5
Specific gravity (@20°C): 1.1-1.2

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

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