

### 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>

- Compatible with polyamide and cellulose acetate RO membranes from all major manufacturers.

Vitec® 1000 is a liquid antiscalant designed to inhibit scale in feedwaters where the potential for colloidal and silt fouling is low (e.g., groundwater applications). It contains a 35% by weight solution of polyacrylic acid that has a tight molecular weight range of 2000 and is compatible with all reverse osmosis (RO) membranes.

This antiscalant can be injected neat or diluted to meet system requirements. Vitec 1000 has been certified by NSF International under NSF/ANSI Standard 60 for use in systems producing drinking water.

### INSTRUCTIONS FOR USE

#### Injecting

Best results are achieved when Vitec 1000 is injected downstream of multimedia filters and upstream of cartridge filters.

#### Dosing

A typical Vitec 1000 dose ranges from 2-5 mg/l. A site-specific dose can be determined using the Avista Advisor software program.

#### Dilution

Vitec 1000 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 1000 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.

Vitec 1000 should be protected from freezing.

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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Certified to  
NSF/ANSI 60

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#### SPECIFICATIONS

	PACKAGING FORMAT	AMERICAS/ ASIA	EMEA
Appearance:	Clear liquid		
pH (10% solution):	3.0 - 5.0		
Specific gravity (@ 20°C):	1.15 - 1.25		
	Pail	45 lb	-
	Drum	525 lb	-
	IBC tote	2500 lb	-