


**PERFORMANCE BENEFITS:** *Green*

- 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>

- Formulated with a crystal modification property that distorts inorganic salt crystal growth to reduce system fouling.
- Free of phosphate and phosphonate.
- Threshold scale inhibition at low dose rates allows economical system operation.
- Highly effective in a wide variety of feedwaters and pH ranges.
- Compatible with 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.**  
**Global Headquarters**  
 140 Bosstick Boulevard  
 San Marcos, California 92069  
 United States

Tel. | +1.760.744.0536



Certified to  
 NSF/ANSI 60

**Avista Technologies (UK) Ltd**  
 13 Nasmyth Square, Houstoun Industrial Estate  
 Livingston, EH54 5GG  
 United Kingdom

Tel. | +44 (0) 131 449 6677

www.avistatech.com

**Vitec® 8200 Green**

ANTISCALANT

RO/NF

Vitec® 8200 liquid antiscalant and dispersant is free of phosphate and phosphonate. This all-polymer blend is compatible with all membrane types and is a multicomponent formulation that provides a broad spectrum of scale precipitation prevention. It is typically applied to seawater and brackish systems producing industrial water, requiring phosphorus-free product to meet discharge requirements.

Vitec 8200 is approved for use in systems producing drinking water by NSF International under NSF/ANSI Standard 60 and can be applied in Europe under EN15039.

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

Best results are achieved when Vitec 8200 is injected downstream of multimedia filters and upstream of cartridge filters.

**Dosing**

A typical Vitec 8200 dose ranges from 2-5 mg/l. A site-specific dose can be determined using the Avista Advisor software program.

**Dilution**

Vitec 8200 is formulated to be injected neat. However, if dilution is required, use deionized water (DI) or reverse osmosis (RO) permeate. If neither of these is available, softened water may be substituted. The dilution for Vitec 8200 should not result in a solution strength of less than 1%, and DI-quality water must be used for any dilutions below 10%. This guideline protects 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: Colorless to light amber liquid
pH (as supplied): 10.5-11.5
Specific gravity (@ 20°C): 1.15-1.20

PACKAGING FORMAT	AMERICAS/ ASIA	EMEA
Pail	45 lb	23 kg
Drum	500 lb	230 kg
IBC tote	2500 lb	1100 kg