

**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>

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

Vitec 5100® is a broad spectrum, liquid antiscalant and dispersant that is compatible with organic coagulants and effective at low dose rates. This multicomponent formulation is targeted at preventing scale precipitation in larger systems and is particularly cost effective in seawater and municipal reverse osmosis (RO) applications.

Vitec 5100 is compatible with our line of RoQuest® coagulants and 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 5100 is injected upstream of the membrane system and, where possible, of cartridge filters.

**Dosing**

A typical Vitec 5100 dose ranges from 2-5 mg/l. A site-specific dose can be determined using the Avista Advisor software program.

**Dilution**

Vitec 5100 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 5100 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: Clear, amber liquid

pH (2% solution): 5.0-6.5

Specific gravity (@25°C): 1.05 - 1.15

PACKAGING FORMAT	AMERICAS/ ASIA	EMEA
Pail	45 lb	23 kg
Drum	500 lb	230 kg
IBC tote	2500 lb	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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Certified to  
 NSF/ANSI 60

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