

PERFORMANCE BENEFITS:

- Proven effective against these types of scale:

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

- Formulated with a crystal modification property that distorts inorganic salt crystal growth to reduce system fouling.
- Threshold scale inhibition and dispersancy at low dose rates allows economical system operation.
- Excellent dispersants for silica scale and 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 handling precautions are followed.

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Certified to
NSF/ANSI 60

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Vitec 7400® is a liquid antiscalant and dispersant that offers excellent silica and sulfate scale inhibition and allows increased system recoveries in high silica and sulfate scale feedwaters.

This product is a proprietary liquid antiscalant/dispersant designed to inhibit scale and disperse colloidal particles in polyamide, cellulose acetate and membrane separation systems. This formulation is designed for barium sulfate (BaSO₄), calcium sulfate (CaSO₄) and silica (SiO₂) scale inhibition.

Vitec 7400 is approved for use in systems producing drinking water by NSF International under NSF/ANSI Standard 60.

INSTRUCTIONS FOR USE

Injecting

Best results are achieved when Vitec 7400 is injected downstream of multimedia filters and upstream of cartridge filters.

Dosing

The typical dosage range is between 2 to 7 ppm. Like any injected chemical, over or under dosing may cause unnecessary membrane system fouling. Please contact the Avista customer service department for advice.

Dilution

This product is formulated to be injected neat. However, if a dilution is required, use demineralized or RO permeate water. If neither of these is available, softened water may be substituted. The dilution for Vitec 7400 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 drum 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 7400 should be protected from freezing during storage as the active ingredients may separate under extreme temperatures. If freezing occurs, warm the chemical until it returns to its liquid state and stir to recombine.

SPECIFICATIONS

Appearance: Amber to pale yellow liquid

pH (as supplied): 3.0- 4.0

Specific Gravity (25°C): 1.1-1.30

PACKAGING FORMAT	AMERICAS/ ASIA	EMEA
Pail	45 lb	-
Drum	500 lb	-
IBC tote	2500 lb	-