

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

- Formulated with a crystal modification property that distorts inorganic salt crystal growth to reduce system fouling.
- Compatible with polyelectrolyte coagulants.
- Economical to use, offering threshold scale inhibition at low dose rates.
- Highly effective in a wide variety of feedwaters and pH ranges.

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.



Certified to NSF/ANSI 60

Avista Technologies (UK) Ltd

Vitec 3000® is a powerful, broad spectrum, liquid antiscalant and dispersant that is compatible with organic coagulants. It is highly effective at low dose rates and in a wide range of feedwaters.

This product is a multicomponent antiscalant that prevents scale precipitation and disperses colloidal particles in cellulose acetate and polyamide membrane systems. It is compatible with organic coagulants that may be indirectly present in municipal feedwaters or directly present as a result of coagulation or flocculation treatments upstream of the reverse osmosis (RO) system. Other applications for this product include seawater and brackish water for the production of potable and industrial waters.

Vitec 3000 has been approved for use in systems producing drinking water in the UK, conforming to DIN 15040, and by NSF International under NSF/ANSI Standard 60.

INSTRUCTIONS FOR USE

Injecting

Best results are achieved when Vitec 3000 is injected downstream of multimedia filters and upstream of cartridge filters.

Dosing

A typical Vitec 3000 dose ranges from 2-5 mg/l. A site-specific dose can be determined using the Avista Advisor software program.

Dilution

Vitec 3000 is formulated to be injected neat. However, if dilution is required, use deionized (DI) water or RO permeate. If neither of these is available, softened water may be substituted. The dilution for Vitec 3000 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: Clear, amber liquid
pH (as supplied): 10.7-11.8
Specific gravity (@25°C): 1.2-1.3

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