

Performance:

Vitec® 5300 antiscalant offers a variety of performance and application benefits:

- Powerful inhibitor against a variety scales including:
 - CaCO_3 • $\text{CCPP}>900$
 - CaSO_4 • $(\text{LSI}>2.8)$
 - BaSO_4 • $3.0 \times \text{Ksp}$
 - SrSO_4 • $105 \times \text{Ksp}$
 - CaF • $20 \times \text{Ksp}$
 - SiO_2 • $1000 \times \text{Ksp}$
 - SiO_2 • 120ppm
- Highly effective at low dose rates in a wide range of feedwater types and pH ranges.
- Compatible with polyelectrolytes
- Provides both scale and inorganic fouling control
- Compatible with all membrane types

Vitec® 5300 is a liquid antiscalant/dispersant blended to inhibit scale and disperse colloidal particles in cellulose acetate and thinfilm membrane separation systems.

This formulation is its compatible with Avista Technologies organic coagulants.

Application:

Optimum Vitec 5300 performance is achieved when the chemical is injected upstream of the membrane system and where possible of cartridge filters.

Dosing Guidelines:

The typical dosage range is between 3 to 10 ppm. A site-specific dose can be determined using the **Avista Advisor** computer program. Please contact the Avista customer service department for site specific dosing instructions.

Dilution:

This product should be used 'neat'. If dilution is required then contact your Avista representative for advice.

Packaging and Storage:

Standard regional pack sizes are listed below. Custom packaging can be provided worldwide to meet customer needs. Information on drumless or bulk tanker delivery is available on request.

Specifications	
Appearance:	Light amber liquid
pH (10% solution):	5.5 – 6.5
Specific Gravity@20°C:	1.05±0.05

Packaging Formats	Americas	EMEA
Pails	-	23 kg
Drums	-	230 kg
IBC's (totes)	-	1100 kg

