

Performance:

Vitec[®] 8200 antiscalant offers a variety of critical performance and application benefits:

Powerful inhibitor against a variety of carbonate and sulfate scale:

CaCO₃	CCPP ≤ 900 (LSI ≤ 2.5)
CaSO₄	4 x Ksp
BaSO₄	105 x Ksp
SrSO₄	60 x Ksp
CaF₂	1000 x Ksp
SiO₂	1 x Saturation

Does not contain phosphate or phosphonate.

Highly effective in a wide range of feedwater types and pH ranges.

Crystal modification property distorts inorganic salt crystal growth, reducing system fouling.

Compatible with all of the membranes produced by the major manufacturers.

Threshold scale inhibition at low dosage rates allows economical system operation.

Vitec[®] 8200 is a proprietary antiscalant/dispersant that does not contain phosphate or phosphonate. It is an all polymer blend, designed to inhibit scale and disperse colloidal particles in applications where phosphate discharge is limited or restricted.

This formulation is compatible with both cellulose acetate and polyamide membranes. It can be injected neat or diluted and used in a wide array of feedwater sources

Vitec 8200 has been approved for use in systems producing drinking water by NSF International under NSF/ANSI Standard 60.

Application:

Optimum Vitec[®] 8200 performance is achieved when the chemical is injected downstream of multimedia filters and upstream of cartridge filters.

Dosing Guidelines:

The typical dosage range is between 2 to 5 ppm. A site-specific dose can be determined using the **Avista Advisor** computer program.

Like any injected chemical, over or underdosing may cause unnecessary membrane system fouling. Please contact the Avista customer service department for customized dosing instructions.

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 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 drum and feed tank.

Packaging and Storage:

Standard regional pack sizes are listed below and custom packaging can be provided worldwide. 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 ± 0.05

Packaging Formats	Americas	EMEA
Pails	45 lbs	-
Drums	500 lbs	-
IBC's (totes)	2500 lbs	-

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DRINKING WATER TREATMENT ADDITIVES CLASSIFIED BY NSF INTERNATIONAL TO NSF/ANSI 60 AS STANDARD DRINKING WATER TREATMENT CHEMICAL FOR USE IN REVERSE OSMOSIS SYSTEMS AT A MAXIMUM LEVEL OF 7 mg/l

Certified to NSF/ANSI 60

