

REVERSE OSMOSIS ANTISCALANT



Vitec™ 5300

Antiscalant / Dispersant

APPLICATIONS

Vitec™ 5300 liquid antiscalant and dispersant that is phosphorus free for systems with brine disposal limitations. It is a full spectrum antiscalant for less challenging waters with elevated sulfate concentrations. This product has been used successfully on surface and well waters. Vitec 5300 is NSF certified.

INJECTING

Best results are achieved when Vitec 5300 is injected downstream of multimedia filters and upstream of cartridge filters.

DOSING

A typical Vitec 5300 dose ranges from 2 to 5 mg/l. A site-specific dose can be determined using the Avista™ Advisor™Ci software program.

DILUTION

Vitec 5300 is formulated to be injected neat. However, if dilution is required, use deionized water (DI) or reverse osmosis (RO) permeate. The dilution for Vitec 5300 should not result in a solution strength of less than 10%. This guideline protects the effectiveness of the internal bacteriostat, which inhibits bacterial growth in the product packaging and feed tank.

CHEMICAL AND PHYSICAL PROPERTIES

CHARACTERISTICS	DATA
Appearance	Clear to amber liquid
pH (as supplied)	10.5 – 11.5
Specific gravity (@20°C)	1.15 – 1.2

PERFORMANCE BENEFITS

- Good for preventing moderate scaling of these and other type of scales:

Calcium sulfate	CaSO ₄
Barium sulfate	BaSO ₄
Strontium sulfate	SrSO ₄
Calcium carbonate	CaCO ₃

- Phosphorus free antiscant for systems with brine disposal limits.
- Full spectrum antiscalant for preventing moderate scaling.
- Good for surface and well waters.
- Compatible with polyamide membranes from all major manufacturers.
- Highly effective in a wide variety of feedwater pH ranges.

PACKAGING

Standard regional pack sizes are listed below. Information on bulk delivery options is available on request.

PACKAGING FORMAT	NORTH AMERICA	SOUTH AMERICA	ASIA
Pail	45 lb	–	–
Drum	500 lb	–	–
IBC tote	2,500 lb	–	–



CERTIFIED TO
NSF/ANSI 60

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.