

REVERSE OSMOSIS ANTISCALANT



Vitec™ 7400

Antiscalant / Dispersant

APPLICATIONS

Vitec™ 7400 is a liquid antiscalant and dispersant used for systems with both high silica and sulfate challenges. This antiscalant has the ability to prevent silica scale up to 2.8x saturation and calcium sulfate up to 6.0x saturation. This product has been used successfully in mining, wastewater applications and high recovery systems. Vitec 7400 is NSF certified.

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 and 10 ppm. A site-specific dose can be determined using the Avista™ Advisor™Ci software program.

DILUTION

This product is formulated to be injected neat. However, if a dilution is required, use demineralized or RO permeate. The dilution for Vitec 7400 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 drum and feed tank.

CHEMICAL AND PHYSICAL PROPERTIES

CHARACTERISTICS	DATA
Appearance	Clear, amber to yellow liquid
pH (as supplied)	3.0 – 4.0
Specific gravity (@20°C)	1.1 – 1.3

PERFORMANCE BENEFITS

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

Silica	SiO ₂
Calcium sulfate	CaSO ₄
Barium sulfate	BaSO ₄
Strontium sulfate	SrSO ₄
Calcium carbonate	CaCO ₃

- Superior results for waters containing both high silica and sulfate.
- Highly effective for mining, wastewater and high recovery applications.
- Compatible with polyamide membranes from all major manufacturers.
- Applicable 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	–	20 kg
Drum	500 lb	–	220 kg
IBC tote	2,500 lb	–	1,000 kg



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.