

REVERSE OSMOSIS ANTISCALANT

Vitec® 3000

Liquid Dispersant

APPLICATION

Vitec® 3000 is a powerful, wide spectrum, liquid antiscalant and dispersant that is highly effective at low dose rates and in a wide range of feedwaters such as brackish, waste water and seawater. Used in multiple industries including but not limited to semiconductor, food and beverage, power, oil and gas. Contains high and low molecular weight components that are proven to not only prevent scale precipitation but disperse particles.

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 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 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 amber colored liquid
pH (as supplied)	10.7 - 11.8
Specific Gravity (@25°C)	1.2 - 1.3

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

- Powerful, wide spectrum, liquid antiscalant and dispersant that is highly effective at low dose rates and in a wide range of feedwaters.
- Contains high and low molecular weight components that are proven to not only prevent scale precipitation but disperse particles.
- Compatible with polyamide membranes from all major manufacturers.
- Highly effective in a wide variety of feedwaters and pH ranges.
- Compatible with Avista® coagulants.

PACKAGING AND STORAGE

Standard regional pack sizes are listed below. Information on drumless or bulk tanker delivery is available on request.

PACKAGING FORMAT	AMERICAS	ASIA	EMEA
Pail	45 lb	20 kg	20 kg
Drum	500 lb	230 kg	230 kg
IBC tote	2500 lb	1100 kg	1100 kg

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.

**HEADQUARTERS GERMANY
NORTH, CENTRAL &
SOUTH EAST EUROPE**

Kurita Europe GmbH
Theodor-Heuss-Anlage 2
68165 Mannheim
☎ +49 621 1218 3000

**FRANCE, LUXEMBOURG
& NORTH AFRICA**

Kurita France SAS
53 Rue de l'Étang, Bât. A
F-69760 Limonest
☎ +33 478 43 42 50



www.kurita.eu
info@kurita.eu

GREECE

Kurita Europe GmbH
11, Korinthou str.
GR-144 51 Metamorfosi
Athens
☎ +30 210 28 37 559

IBERICA

Kurita Iberica SL.
Av. Alcalde Barnils, 64-68
Bloque B, Planta 2ª, Local 4
E-08174 Sant Cugat del Vallés
Barcelona
☎ +34 93 675 0345

UNITED KINGDOM

Kurita UK Ltd
Avista | Centre of Excellence
13 Nasmyth Square, Houstoun
Industrial Estates
Livingston, EH54 5GG
United Kingdom
☎ +44 131 449 6677

ITALY

Kurita Europe GmbH
Filiale Italia
Via Piero e Alberto Pirelli 6
I-20126 Milano
☎ +39 02 295 164 53

**POLAND, ROMANIA, BALTICS,
UKRAINE & BELARUS**

Kurita Polska Sp.z.o.o.
ul. Uniwersytecka 13
PL-40-007 Katowice
☎ +48 32 700 25 65

SLOVAKIA

Kurita Polska Sp.z.o.o.
Organizačná zložka
Bajkalská 22
SK-821 09 Bratislava
☎ +421 2 53 41 89 68

SWEDEN & SCANDINAVIA

Kurita Sverige AB
Marieholmsgatan 56
SE-415 02 Göteborg
☎ +46 31 725 34 60

TURKEY

Kurita Turkey Kimya A.S.
Tugayyolu cad. Ofisim Istanbul
Plazalan No:20 B Blok Kat 4
Daire 23
TR-34846 Maltepe Istanbul
☎ +90 216 450 08 62

MIDDLE EAST REGION

Kurita Middle East FZE
Office 1010, Floor 10
Jafza One, Jebel Ali Free Zone
P.O. Box 263958
AE-Dubai
☎ +971 4 884 49 90