

Antiscalant for Seawater Distillation Plants

Description

Belgard EV is a high performance liquid product for the control of alkaline scaling (calcium carbonate and magnesium hydroxide) in all types of seawater distillation plants. Belgard EV is an aqueous solution of a synthetic polymer based on hydrolysed maleic anhydride.

Application

Belgard EV can be used in all types of distillation plant but is particularly suitable for use in multi-stage flash plants.

It is an aqueous solution of an organic acid and as such is corrosive in its concentrated form. Corrosion resistant dosing equipment must be used. Examples of suitable materials are 316L stainless steel and PVC or other plastic materials.

Recommended injection points are either into the seawater make-up line after any external de-aeration and decarbonation equipment or into the recycle brine stream at a suitable point after the blowdown and typically into the discharge of the recycle brine pump.

Usage

*Please consult with your BWA Water Additives representative to determine optimal dosage recommendations for your system.

Packaging / Weight

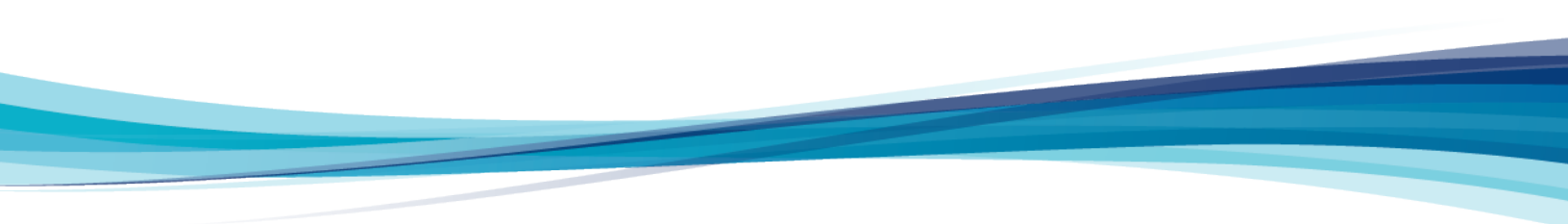
Drum	528 lb	240 kg
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*Consult your sales representative for availability.

Physical Properties

Appearance	Clear amber liquid
Odor	Slight
Solids content	47-53% w/w
Specific gravity	1.16 to 1.19 at 20/20 °C
pH	2 maximum
Boiling range (760 mm Hg)	100-102°C (212-215°F)
Freezing point	0 to -12°C
Solubility in:	
-Water	Miscible

Further details are available in the safety data sheet



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