

## Antiscalants for Seawater Distillation Plants

### Description

Belgard EVN is a liquid product for the control of alkaline scaling (calcium carbonate and magnesium hydroxide) in all types of seawater distillation plants. Belgard EVN is a neutralised aqueous solution of a synthetic polymer based on hydrolysed maleic anhydride. Used alone or in conjunction with a sponge ball cleaning system its effectiveness has been demonstrated in distillation plants operating with top brine temperatures up to 120°C.

### Application

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

Belgard EVN is a neutralised aqueous solution of an organic acid. There are no special requirements regarding materials of construction of dosing equipment.

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                      550 lb                      250 kg

\*Consult your sales representative for availability.

### Physical Properties

Appearance	Pale amber liquid
Odor	Slight
Solids content	40-45% w/w
Specific gravity	1.26 to 1.30 at 20/20 °C
pH	8.0 - 9.0
Boiling range (760 mm Hg)	100 - 102°C (213-217°F)
Freezing point	0 to -10°C
Solubility in:	
-Water	Miscible
Appearance	Pale amber liquid

Further details are available in the safety data sheet



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