

Belgard® EV2050



Antiscalant and Antifoulant for Single and Multiple Effect Spray Film Evaporators

Description

Belgard EV2050 antiscalant is a high performance liquid product for the control of scaling and particulate fouling in both single and multiple effects spray film evaporators. It is a multifunctional product based on polycarboxylic acid chemistry.

Application

Belgard EV2050 is particularly effective against calcium carbonate scales frequently encountered in spray film evaporators and has the additional feature of excellent dispersant activity against potential foulants suspended in the brine film. Calcium sulphate scale formation is normally prevented by avoiding supersaturation through control of brine concentration and temperature. Belgard EV2050 will give protection against calcium sulphate deposition in the event of any operating parameter excursions into the calcium sulphate supersaturation region.

Belgard EV2050 is certified to ANSI/NSF Standard 60 for use in distillation plants producing potable water.

Benefits

Belgard EV2050, with its enhanced scale control and dispersant properties is designed to give improved control of fouling throughout the plant, reducing cleaning frequencies and the associated costs.

Usage

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

Packaging / Weight

Drum	507 lb	230 kg
IBCs/Totes	2,204 lb	1,000 kg

*Consult your sales representative for availability.

Physical Properties

Appearance	Pale yellow liquid
Odor	Slight
Solids content	33-37% w/w
Specific gravity	1.14 to 1.16 at 20/20°C
pH	<2
Boiling range (760 mm Hg)	101-103°C (213-217°F)
Freezing point	0 to -10°C
Solubility in:	
-Water	Miscible

Further details are available in the safety data sheet



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