

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

*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



LENNTECH

info@lennotech.com Tel. +31-152-610-900

www.lennotech.com Fax. +31-152-616-289

Patents:

BWA Water Additives (BWA) owns or is the licensee of patents and patent applications, which may cover the products and/or uses described in this brochure.

The following are registered trademarks of BWA Belclene, Belcor, Belgard, Belite, Bellacide, Bellasol, Belsperse, BromiCide, Flocon, Geogard and Liquibrom Drop and Swirl logo. © Registered US Patent and Trademark Office. © 2016 BWA all rights reserved.

The information contained in this product sheet is based on data available to BWA Water Additives at the time of publication. While BWA has made every effort to ensure this information is correct, no responsibility can be accepted by BWA for any loss or liability occasioned by any person acting or refraining from acting as a result of the contents of this publication. BWA cannot guarantee that the results described in this information will be achieved by others if BWA has not participated in the testing process. BWA therefore makes no warranty of merchantability or fitness for a particular purpose or any express or implied warranty in respect of this information. This information is intended for use by technically trained personnel at their discretion and risk and is not a substitute for specific professional or technical advice. BWA's liability shall be limited by its standard limitations of liability contained within its standard terms and conditions of sale if BWA makes any sales to you.

© 2016 all rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means or stored in any retrieval system without the prior written permission of BWA Water Additives UK Limited. BWA Water Additives UK Limited is a private limited company registered in England and Wales at 2 Brightgate Way, Manchester M32 0TB, Registered No. 5657343.