

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

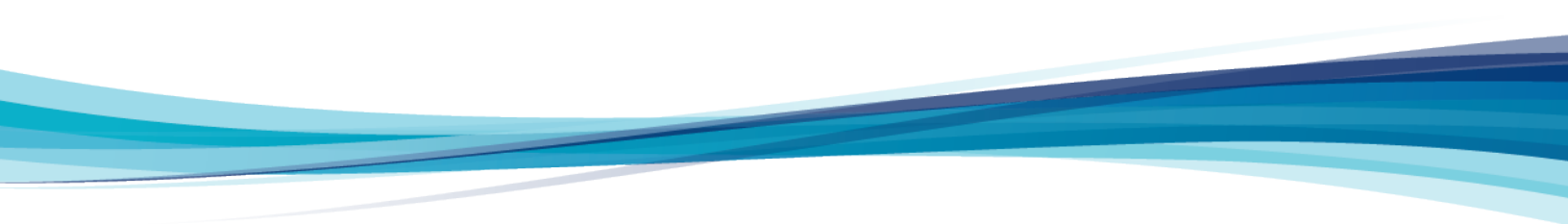
Drum	507 lb	230 kg
IBCs/Totes	2,204 lb	1,000 kg

*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



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.