

Belclene® 810



Biodegradable Antiscalant for Severe High LSI Cooling Water Systems

Description

Belclene 810 helps in developing formulations that are *biodegradable* and *phosphorus-free*, yet highly effective as calcium carbonate antiscalants, for their environmentally sensitive customers.

Application

Belclene 810 is highly effective in controlling the deposition of calcium carbonate in standard cooling water systems.

Benefits

Belclene 810 provides a cooling water formulation:

- Calcium carbonate scale inhibition in severe service conditions where the LSI approaches 3.0
- 45% more biodegradation than its closest antiscalant competitor
- 2.5x better calcium carbonate inhibition versus next leading biodegradable antiscalant
- Very good zinc stabilization and general dispersancy for neutral pH cooling water programs
- Halogen stability

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	Amber liquid
Odor	Slight
Active content	40% w/w
Specific gravity	1.19 at 20/20°C
pH of undiluted product	<2
Viscosity	18mm ² /s at 25°C
Boiling range (760 mm Hg)	100-102°C (212-215°F)
Freezing point	-6 to -4°C (21-25°F)
Solubility in:	
- Ethylene glycol	Miscible
- Water	Miscible
- Methanol	Miscible
- 50% caustic soda	Readily neutralized w/ evolution of heat
- pH limitations	To avoid precipitation, formulate below pH 2.5 or above pH 7.5. At in use concentrations Belclene 810 is stable across the entire pH range.

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.