

# Belclene® 220



## Antiscalant for Calcium Carbonate Control in High LSI Conditions

### Description

Belclene 220 is a phosphono polycarboxylic acid homopolymer in aqueous solution. It can be used for ferrous metal corrosion inhibition and calcium carbonate deposit control or part of a multifunctional open evaporative or closed cooling water formulation.

### Application

Formulations with Belclene 220 offer:

- Excellent calcium carbonate scale inhibition in severe service conditions, where the LSI approaches 3.0
- Provide both threshold inhibition and crystal modification
- Enhances the performance of phosphonate based formulations by imparting scale and corrosion control

### Benefits

Belclene 220 is effective on controlling calcium carbonate scale for systems with high hardness, high alkalinity and high temperatures.

### Usage

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

### Packaging / Weight

Drums	485 lb	220 kg
IBCs/Totes	2,204 lb	1,000 kg

\*Consult your sales representative for availability.

### Physical Properties

Appearance	Colorless to pale yellow liquid
Odor	Slight
Total solids	40% w/w
Specific gravity	1.3 at 20°C
pH of undiluted product	4.5 at 20°C

Solubility in water      Ready soluble

Further details are available in the safety data sheet



## LENNTECH

info@lenntech.com Tel. +31-152-610-900  
www.lenntech.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 Belcene, Belcor, Belgard, Belite, Bellacide, Bellasol, Belsperse, BromiCide, Flocon, Geogard and Liquibrom Drop and Swirl logo. © Registered US Patent and Trademark Office. © 2017 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.

© 2017 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.