

# Belclene® 660

www.wateradditives.com



## Phosphonate Calcium Carbonate Inhibitor

### Description

Belclene 660 is an aqueous solution of the phosphonate HEDP, which is widely used in industry as a sequestering agent and calcium carbonate scale inhibitor for applications in industrial boiler and cooling water treatment, industrial cleaning, and metal cleaning.

### Application

Belclene 660 supplies good calcium carbonate control to industrial water treatment formulations, for those who prefer phosphonate-based programs.

### Benefits

Belclene 660 provides the industrial water formulation:

- Good calcium carbonate scale inhibition in low to moderate hardness waters
- Good iron oxide dispersancy
- Moderate mild steel corrosion protection
- Good sequestration of iron oxides
- Inexpensive method to control deposition

### Usage

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

### Packaging / Weight

|            |          |          |
|------------|----------|----------|
| Drum       | 650 lb   | 290 kg   |
| IBCs/Totes | 2,866 lb | 1,350 kg |

Bulk quantities available. Consult your sales representative for availability.

### Physical Properties

|                          |                                  |
|--------------------------|----------------------------------|
| Appearance               | Clear colorless to yellow liquid |
| Odor                     | Slight                           |
| % active                 | 60% w/w                          |
| pH (1% solution)         | 1.9                              |
| Boiling point °C         | 102                              |
| Crystallization point °C | <-25                             |
| Viscosity                | 38mm <sup>2</sup> /s at 25°C     |
| Specific gravity         | 1.45 at 20/20°C                  |
| Solubility in:           |                                  |
| -Water                   | Readily soluble                  |

Further details are available in the safety data sheet



## Americas

1979 Lakeside Parkway,  
Suite 925  
Tucker, GA 30084, USA  
Phone +1 678 802 3050  
Or 800 600 4523  
Fax +1 678 802 3024  
Americas@wateradditives.com

## Asia Pacific

No. 1 Magazine Road  
#04-01, Central Mall Office Tower  
Singapore 059567  
Phone +65 9745 3227  
Fax +65 6234 3606  
AsiaPacific@wateradditives.com

## Europe

2 Brightgate Way  
Stretford, Manchester M32 0TB  
United Kingdom  
Phone +44 161 864 6699  
Fax +44 161 864 6666  
Europe@wateradditives.com

## MENA

DMCC Dubai Branch  
Office 1802, Level 18  
Jumeirah Bay X3 Tower, Cluster X  
Jumeirah Lake Towers  
P.O. Box 263164, Dubai, UAE  
Phone +971 4 880 7336  
Fax +971 4 880 7404  
MiddleEast@wateradditives.com

### 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.