

## Multifunctional Deposit Control Agent for Industrial Water

### Description

Belclene 400 is a multifunctional deposit control agent that provides great flexibility in developing phosphonate-based corrosion control formulations for cooling water, process water, and similar applications.

### Application

Formulations with Belclene 400 provide:

- Phosphate inhibition/dispersancy and calcium phosphonate stabilization
- Iron oxide dispersancy
- Zinc stabilization
- Calcium carbonate inhibition
- Halogen stability
- FDA and USDA approvals

### Benefits

Belclene 400 has unique properties of that allow it to be used not only for general calcium phosphate and calcium carbonate fouling, but also as a building block to improve the performance of phosphate, polyphosphate, phosphonate and zinc based water treatment formulations.

### Usage

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

### Packaging / Weight

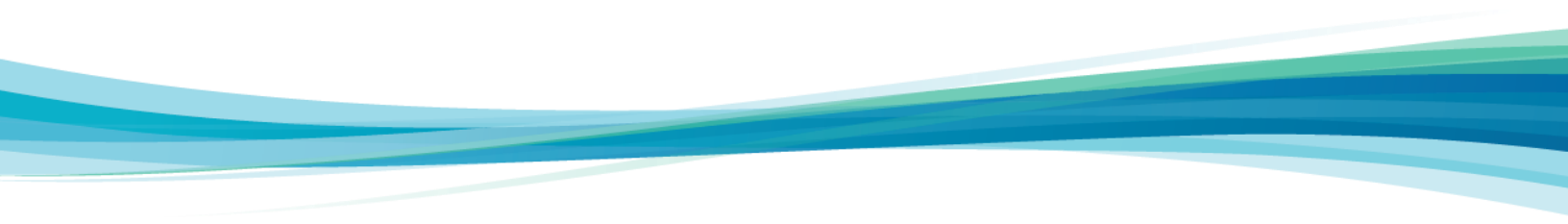
|            |          |          |
|------------|----------|----------|
| Drum       | 528 lb   | 240 kg   |
| IBCs/Totes | 2,650 lb | 1,225 kg |

\* Bulk quantities available. Consult your sales representative for availability.

### Physical Properties

|                                       |                                                                          |
|---------------------------------------|--------------------------------------------------------------------------|
| Appearance                            | Clear to pale yellow liquid                                              |
| Odor                                  | Slight                                                                   |
| Solids content                        | 47 – 53 %w/w                                                             |
| Specific gravity                      | 1.24 @ 20 °C                                                             |
| pH of undiluted product               | 2.5 @ 20 °C                                                              |
| Viscosity                             | 250mm <sup>2</sup> /s @ 25 °C                                            |
| Boiling point range                   | 103–105°C (217-221°F)                                                    |
| Freezing point                        | -12 to -3°C (10-28°F)                                                    |
| Theoretical phosphorus Content (as P) | <1%                                                                      |
| Solubility in:                        |                                                                          |
| -Water                                | Miscible                                                                 |
| -Ethylene glycol                      | Miscible                                                                 |
| -Methanol                             | Miscible (solution becomes turbid over the concentration range of 5-60%) |
| -50% caustic soda                     | Miscible                                                                 |

Further details are available in the safety data sheet

  
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