

## 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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