Belclene® 400

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: 250mm²/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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