

Belclene[®] 200



Antiscalant for Calcium Carbonate Control in High LSI Conditions

Description

Belclene 200 is the most effective calcium carbonate antiscalant for high hardness, high alkalinity, and high temperature cooling water systems, in the industry.

Application

Belclene 200 provides the formulator:

- Superior calcium carbonate scale inhibition in severe service conditions, where the LSI approaches 3.0
- Both threshold inhibition and crystal modification
- Better results for phosphonate based programs than when phosphonates used alone
- Easy on-site testing using Bel-Trak[®] test kit

Benefits

Belclene 200 can be used as a stand-alone calcium carbonate inhibitor or as a multifunctional formulation support agent in cooling water formulations and other related applications. Belclene 200 is FDA approved (173.310, 173.45) for sugar and beet processing. Belclene 200 is Kosher certified.

Usage

*Please contact you Sales Manager for more information.

Packaging / Weight

Drum	528 lb	240 kg
IBCs/Totes	2,204 lb	1,000 kg

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

Physical Properties

Appearance	Clear to slightly turbid amber liquid
Odor	Slight
Solids content	50% w/w
Specific gravity	1.16 - 1.19 @ 20 °C
pH of undiluted product	<2
Viscosity	10 - 25 cSt @ 25 °C
Boiling range (760 mm Hg)	100-102°C (212-214°F)
Freezing point	-5 to -12°C (23-10°F)
Solubility in:	
-Water	Miscible
-50% caustic soda	Readily neutralized with the evolution of heat
pH limitations	To avoid precipitation, formulate below pH 2.5 or above pH 8.0. At in use concentrations Belclene 200 is stable at any pH.

Further details are available in the safety data sheet.



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