

Belsperse[®] 164

www.wateradditives.com



High Performance Dispersant for Deposit Control and Removal

Description

Belsperse 164 provides greater flexibility and better performance in developing multiple antiscalant programs for a variety of scales found in boiler systems, foods plants, and cleaning applications.

Benefits

Belsperse 164 is a multifunctional product that provides the benefits of many separate products, including:

- Excellent calcium phosphate, calcium carbonate, silicate and iron oxide dispersancy all in a single product
- Better deposit control and thermal stability than methacrylates, acrylates, and copolymers
- FDA approved for use in applications where steam may contact food
- Wide application range across industries, for both online and offline system protection and system clean ups

Usage

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

Packaging / Weight

Drum	525 lb	250 kg
IBCs/Totes	2,204 lb	1,000 kg

*Consult your sales representative for availability.

Physical Properties

Appearance	Colorless liquid
Odor	Slight
Solids content	40% w/w
Specific gravity	1.22 at 20/20°C
pH of undiluted product	4.0
Viscosity	90mm ² /s at 25°C
Boiling point range	101-103°C (213-217°F)
Freezing point range	-1 to -3°C (30-27°F)
Theoretical phosphorus Content (as P)	0.7% (w/w)
Solubility in:	
-Water	Miscible
-Ethylene glycol	Miscible
-Methanol	Precipitate is formed
-46% caustic soda	Miscible
pH limitations	Does not form insoluble sodium or potassium salts. It is hydrolytically stable and can be incorporated into concentrated formulations regardless of the final pH.

Further details are available in the safety data sheet



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