

Bellacide® 350

www.wateradditives.com



Non-Oxidizing Biocide for Oilfield Water Treatment for Canada

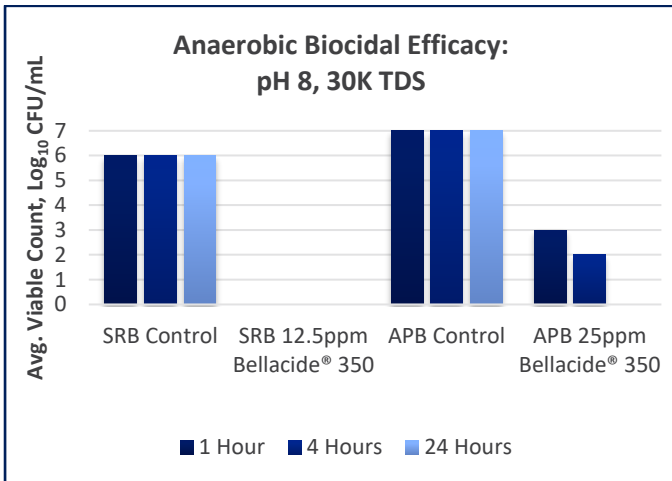
Bellacide® 350

Bellacide® 350 is a concentrated non-oxidizing, tributyl tetradecyl phosphonium chloride (TTPC) based biocide. Effective and long lasting, Bellacide® 350 can be utilized in fracturing fluids and enhanced oil recovery water injection applications

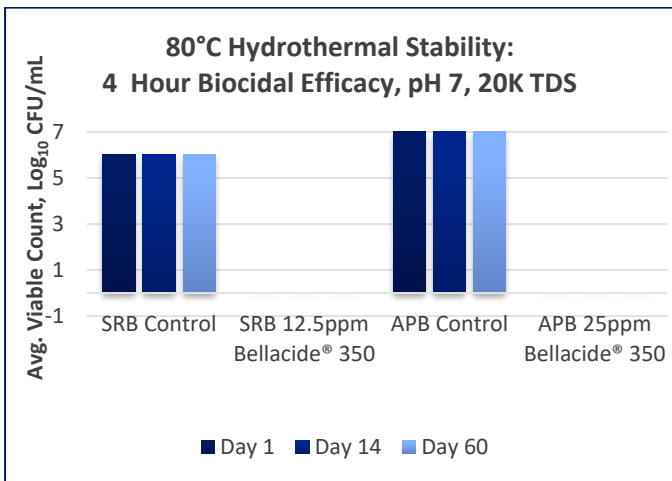
Bellacide® 350 is compatible with all hydraulic fracturing fluids tested, most basin environments, halogen based oxidizing biocides, and is not a skin sensitizer.

Benefits

Bellacide® 350 prevents well souring and formation plugging and controls biofilm which can lead to microbiologically induced corrosion.



Bellacide® 350 maintains biocidal efficacy with no degradation at temperatures up to at least 190°C, making it an effective downhole biocide treatment.



*Biocide dosage is reported in concentration (ppm) of product.

Summary of Benefits

Efficacy	SRB, APB, Biofilm, Algae, Aerobic Bacteria
Friction Reducers	Anionic & Cationic Compatibility
Oxidative Breakers	Compatible
Reducing Agents	Compatible
pH range effectiveness	5 – 10.5
Halogen oxidizing biocides	Synergistic
Sensitization	Not a sensitizer at in use concentrations

Usage

Typical Dosage: 25ppm - 130ppm;
Feed rate of 0.025-0.1 LPT.

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

Packaging / Weight

IBCs/Totes 1,150 kg

Consult your sales representative for availability

Physical Properties

Appearance	Clear, colorless liquid
Odor	Slight
Specific gravity	0.95-1.00
pH (undiluted)	6.0-8.0
Freeze point	-10°C
Solubility in:	
- Water	Ready Soluble
- Ethylene glycol	>50%
- Methanol	>50%
- Isopropanol	>50%

Further details are available in the safety data sheet.



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