

Geogard™ SX

www.wateradditives.com



Scale and Fouling Inhibitor

Description

Geogard SX offers a unique combination of attributes that allows it to provide unparalleled efficacy at controlling amorphous silica scale in geothermal as well as other high temperature applications. Geogard SX is an aqueous solution based on a phosphinocarboxylic acid copolymer.

Application

Geogard SX:

- Is cost effective
- Stops deposition of silica on above ground equipment
- Reduces deposition rates by over 90%
- Requires minimal dosage amounts from 0.5-10 ppm

Benefits

Geogard SX has been shown to be highly effective at distributing the silica deposition due to the mechanism of polymerization of monomeric silica rather than a traditional crystal growth mechanism. For this reason, Geogard SX is more effective than traditional anti-scalants.

Usage

Typical Dosage: 2 to 15ppm

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

Packaging / Weight

Pail	lb	kg
Drum	551 lb	250 kg
IBCs/Totes	2,645 lb	1,200 kg

*Consult your sales representative for availability.

Physical Properties

Appearance	Colorless to pale yellow liquid
Odor	Slight
Active content	40% w/w
Specific gravity	1.28-1.32 at 20/20°C
pH of undiluted product	8.0-9.0 at 20°C
Viscosity	75-105mm ² /s at 25°C
Boiling range (760 mm Hg)	101 - 103°C (214-218°F)
Solubility in:	
- Water	Miscible
- 50% caustic soda	Miscible

Further details are available in the safety data sheet



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