

Scale Inhibitor Acid Phosphonate Blend SI-3338

Applications:

1. Oil field – Pumped at 1 to 4 gpt with acidizing fluids to provide residual scale inhibition. Designed to adsorb on to proppant and release over time.

Chemical Structure:

SI-3338 is a water based blend of phosphonates which have excellent Calcium Carbonate, Calcium Sulfate, Barium Sulfate and Strontium salts chelation capabilities.

Compatibility:

Compatible with all concentrations of hydrochloric acids, mud acid, brine, calcium chloride, KCl and all known acidizing fluid additives.

Environment:

SI-3338 is not hazardous to the environment.

Packaging:

330 ga one way totes, 275 ga one way totes, 55 ga drums and bulk tank trucks

Availability:

Beasley, TX and Midland, TX

DoT Classification: Regulated; Class 8 (Corrosive)

SI-3338 Performance Evaluation

Scale Type	Inhibitor Active Concentration (ppm)	% Scale Inhibition
CaCO3	5	68.30%
CaCO3	10	84.90%
CaCO3	50	93.40%
CaCO3	100	99.10%
CaSO4	5	91.00%
CaSO4	10	97.60%
CaSO4	50	99.30%
CaSO4	100	99.20%



BaSO4	5	2.30%
BaSO4	10	5.40%
BaSO4	50	71.40%
BaSO4	100	98.40%

Scales used are proprietary Test conditions 150 deg F for 2 hours