Clayfix II™ Temporary Clay-Stabilization Additive

Clayfix II™ temporary clay-stabilization additive helps prevent clay particles from swelling in water-sensitive formations. It is a liquid replacement for the various salts used in aqueous fracturing treatments. Clayfix II additive is not a direct substitute for KCl where swelling clay minerals are problematic. Where swelling clay minerals are not considered a problem, Clayfix II additive may be used at a concentration of 2 gal/M gal in place of 2% KCl.

Features
Clayfix II additive is compatible with the following:
- Versagel™ fluids
- My-T-Gel™ fluids
- Pur-Gel III™ fluids
- Thermagel™ systems
- Borate-crosslinked fluids
- Waterfrac gel systems

Clayfix II additive is not compatible with combinations of Cla-Sta® additives and WG-18™ gelling agent. When Clayfix II additive is metered at the blender, compatibility problems can also occur if the metering or transferring pumps contain Buna-N, Viton®, or natural rubber derivatives. Clayfix II additive could swell these materials after several hours of contact. Therefore, if extended exposure is anticipated, rubber materials should be replaced by EPR, EPT, EPDM, or Teflon®.

Benefits
Clayfix II additive offers the following benefits:
- It has been tested and approved for use with LGC-IV™, LGC-V™, and LGC-VI™ agents.
- Clayfix II additive is easier to mix and can be injected on-the-fly.
- It eliminates the time required for premixing brine solutions.
- It eliminates or reduces the costs associated with disposing of unused brine and mixing water after large fracturing jobs.

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<th>Clayfix II™ Additive—Product Specifications</th>
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(Teflon is a registered trademark of DuPont - PTFE Polytetrafluoroethylene; Viton is a registered trademark of Dupont Dow Elastomers, LLC-Fluorocarbon.)
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