RediDirect RTT1000 Clay Stabilizer and KCI Substitute
Clay hydration control agent for fracturing and well workover solutions

Application
The RediDirect™ RTT1000 clay stabilizer and potassium chloride (KCl) substitute is an aqueous solution used effectively as a substitute for solid potassium chloride in fracturing, stimulation and well workover solutions used in the oilfield.

RediDirect clay stabilizer and KCl substitute is normally loaded at 0.2% (2 gpt) in low to neutral pH systems. Higher loadings are required for systems with a pH above 7.5. Compatibility with crosslinked systems should be tested prior to use.

This product is not compatible with many of the high pH borate crosslinked systems.

Safety and handling
Before handling, storage or use, review the Safety Data Sheet (SDS) for guidance.

Features and benefits
- Aqueous formulation
  - Easy to handle
- Stabilizes clay in the formation
  - Inhibits clay in the formation from swelling
  - Mitigates risk of clay plugging formation matrix
- Easy to meter liquid
  - Minimizes mixing time
  - Reduces need to handle solid salts
  - Excellent for on-the-fly jobs

Applications
- Shale Gas
- Onshore
- Conventional
- Unconventional

Typical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific gravity at 60°F (15.6°C)</td>
<td>1.08</td>
</tr>
<tr>
<td>Typical density at 60°F (15.6°C)</td>
<td>8.9964 lb/US gal (1078.01 kg/m³)</td>
</tr>
<tr>
<td>Flash point, SFCC</td>
<td>&gt;200°F (&gt;93.3°C)</td>
</tr>
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OVERVIEW

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