Alchek™ Agent

Alchek™ agent is an additive that helps prevent aluminum precipitation from spent HF fluids and from within the formation.

Applications
For sandstone acidizing, Alchek agent is normally used in Sandstone Completion™ acid and in the organic acid used as part of the Volcanic™ Acid II system. It is also effective with other acid systems for formations that contain more than 5% carbonates.

When used in ZCA™ zonal coverage acid for carbonates, Alchek agent is called BF-1™ buffering agent.

Features
Alchek agent must be used with an appropriate volume of corrosion inhibitor. Inhibitor concentrations will depend on acid concentrations, well temperatures, tubing metallurgy, and anticipated acid/tubing contact time.

Benefits
Alchek agent provides the following benefits:

- Unlike acetic acid, Alchek agent can prevent aluminum precipitation within the formation.
- Alchek agent can be used in a variety of acid systems.
- Alchek agent eliminates the need for additional citric or acetic acid to control iron.

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### Alchek™ Agent - Product Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>pH</th>
<th>Form</th>
<th>Boiling Point</th>
<th>240°F (115°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100003873</td>
<td>0.5</td>
<td>Amber liquid</td>
<td>Boiling Point</td>
<td>240°F (115°C)</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.3</td>
<td>Pour Point</td>
<td>50°F (10°C)</td>
<td></td>
</tr>
<tr>
<td>Bulk Density</td>
<td>10.83 lb/gal</td>
<td>Packaging</td>
<td>52-gal drum</td>
<td></td>
</tr>
</tbody>
</table>