Ferchek® A Reducing Agent

Ferchek® A reducing agent is an iron-sequestering agent, a reducing agent, and an oxygen scavenger. All of these properties are useful in retaining iron compounds in solution.

Applications

Ferchek A reducing agent removes oxygen from the makeup water of acidic fluids. It is stable in all strengths of HCl. The product becomes effective (reduces iron or oxygen) when the acid spends to approximately 5% residual HCl.

As an iron reducer, Ferchek A reducing agent can be used for concentrations of ferric acid that are less than 5000 mg/L.

Compatibilities

Ferchek A reducing agent is incompatible with strong oxidizers, and it is corrosive to steel and other metals.

Benefits

Ferchek A reducing agent can provide the following benefits:
• It is an effective oxygen scavenger at any temperature in acidic solutions.
• It readily dissolves in water and acidic fluids, and it can be added at any convenient time during mixing.
• It functions in noncrosslinked fracturing gels.

Ferchek® A Reducing Agent—Product Specifications

<table>
<thead>
<tr>
<th>Part No. (40-lb box)</th>
<th>100003703</th>
<th>Specific Gravity</th>
<th>0.900</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part No. (50-lb pail)</td>
<td>100012226</td>
<td>Bulk Density</td>
<td>46.00 lb/ft³</td>
</tr>
<tr>
<td>Form</td>
<td>Pale yellow, solid crystals</td>
<td>pH</td>
<td>3.2 for 0.2 mol solubility</td>
</tr>
</tbody>
</table>
Sales of Halliburton products and services will be in accord solely with the terms and conditions contained in the contract between Halliburton and the customer that is applicable to the sale.