HYG-3™ Buffer

HYG-3™ buffer is a weak acid that helps control the pH of fracturing fluids.

Applications

HYG-3 buffer can be used at bottomhole temperatures (BHTs) up to 400°F (204°C). At a concentration of 2.5 lb/Mgal of water, HYG-3 buffer can provide an initial fluid pH of 6.7.

Compatibilities

HYG-3 buffer is incompatible with alkalies [ammonia and its solutions, carbonates, sodium hydroxide (caustic) potassium hydroxide, calcium hydroxide, cyanides, sulfides, hypochlorites, and chlorides], which can generate heat and cause splattering, boiling, and the release of toxic fumes.

Benefits

HYG-3 buffer offers the following benefits:

- It is effective at low concentrations.
- It is economical.
- It is nonhazardous.

<table>
<thead>
<tr>
<th>HYG-3™ Buffer—Product Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part No. (50-lb bag)</td>
</tr>
<tr>
<td>Form</td>
</tr>
<tr>
<td>Specific Gravity</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.