SL-Thm-Sta | High Temperature Gel Stabilizer for Fracturing Fluids

Product Description

Linear gel may dehydrate due to exposure to high-temperature, causing a loss of viscosity and risk of screen-out - cessation of pumping due to loss of fracture width which causes a spike in the treating pressure. Screen-outs can be dangerous and operationally challenging and time consuming to remediate. Stabilizers are therefore required at temperatures greater than 200°F, or approximately 95°C. Special compounds have been developed for this specific purpose, and should be tested with the fluid system to ensure correct concentrations are used during the treatment. Compatibility and performance should also be tested with any breakers in the fluid system.

Technical Indicators

<table>
<thead>
<tr>
<th>Item</th>
<th>Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Colorless to light white liquid</td>
</tr>
<tr>
<td>Density(30°C. g/cm³)</td>
<td>1.20~1.30</td>
</tr>
<tr>
<td>pH value</td>
<td>≥10</td>
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<tr>
<td>Temperature resistance(°C)</td>
<td>≥15</td>
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</tbody>
</table>

Precautions

- Risk Category: Non-dangerous goods;
- Infection Approach: Skin contact, inhalation, ingestion;
- Health Hazard: Nontoxic and no accumulative toxicity;
- Environment Hazards: Harmless;
- Explosion Risk: No explosion risk.

Storage and Transportation Conditions

1. This product should be stored on a single layer according to specification in a dry and ventilated warehouse. Please keep this product away from corrosive materials and prevent fire. It can be stored for two years at normal temperature.
2. This product should be covered with tarpaulin to protect from sunshine and rain. Please keep this product away from corrosive materials and sharp objects. Meanwhile, load and unload slightly.

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Because the conditions of use of this product are beyond the seller's control, the product is sold without warranty either express or implied and upon condition that purchaser make its own test to determine the suitability for purchaser's application. Purchaser assumes all risk of use and handling of this product. This product will be replaced if defective in manufacture or packaging or if damaged. Except for such replacement, seller is not liable for any damages caused by this product or its use. The statements and recommendations made herein are believed to be accurate. No guarantee of their accuracy is made, however.

For more information about SL-Thm-Sta, please email us at info@sooilfield.com