BIO G

Biocide

Product Description

BIO G is a glutaraldehyde based biocide. The most widely used biocide in the North Sea. BIO G is highly effective against sulfate reducing bacteria and is used to maintain bacterial control in platform legs, and water injection systems to name a few applications. BIO G is compatible with oilfield brines and can also be used to treat oil-production systems and pipelines.

Typical Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical appearance</td>
<td>Clear liquid</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.05 – 1.07</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Soluble</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;212°F (&gt;100°C)</td>
</tr>
</tbody>
</table>

Application

Batch applications of BIO G are recommended. The product should be applied upstream of the de-aeration unit. Dosage rate and frequency will be specified for each individual application. Close monitoring of microbiological activity is required to optimize product use.

Advantages

- Reduces friction between the drill string and the open hole
- May be used in all types of water base muds and salinity
- Decreases torque and drag
- Has application in deviated and extended reach wells
- Has high temperature stability

Packaging and Storage

BIO G micro biocide is packaged in 5-gal (18.9-L) cans and 55-gal (208-L) drums. Store in a dry location away from sources of heat or ignition, and minimize dust.

Important Note: These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and method of use of our product are beyond our control. We recommend that the prospective user determine the suitability of our material and suggestions before adopting them on a commercial scale.