AQUATONE-S™ wetting agent is a liquid surfactant that rapidly alters the surface tension on dispersed particles in water-based drilling fluids leading to lower flow properties of the drilling fluid. AQUATONE-S wetting agent can also be used to stabilize the flow properties and gel strengths of water-based drilling fluids exposed to high temperatures. AQUATONE-S wetting agent is suitable for use in land- and off-shore drilling applications and is more environmentally friendly alternative to AKTAFLÖ®-S.

Applications / Functions

- Helps stabilize rheological and filtration properties
- Helps improve thermal stability in all water based muds
- Can reduce / prevent bit balling
- Helps emulsify oil in water

Advantages

- Helps reduce high-temperature filtration and rheological characteristics
- Is compatible with all water based systems
- Exhibits thermal stability in excess of 400°F (205°C)
- Helps reduce bit balling and the potential for differential sticking
- Helps lower plastic viscosity through improved water wetting

Typical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear to slightly colored liquid</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.097</td>
</tr>
<tr>
<td>Flash Point</td>
<td>215°F</td>
</tr>
<tr>
<td>Flash Point</td>
<td>102°C</td>
</tr>
</tbody>
</table>

Recommended Treatment

To emulsify oil into water, add 0.5-7.0 lb/bbl (1.4-20.0 kg/m³)
As a wetting agent, add 0.5-3.0 lb/bbl (1.4-8.5 kg/m³)

Packaging

AQUATONE-S wetting agent is packaged in 5-gal (18.9-l) pails and 55-gal (208-l) drums.