**COR BRINE 20**

**Corrosion Inhibitor**

### Product Description
COR BRINE 20 is a modified brine-soluble filming amine used as a corrosion inhibitor in saturated salt systems water-based drilling fluids. COR BRINE 20 inhibitor helps prevent general corrosion attack on casing, tubing and downhole tools in contact with clear completion brines.

### Typical Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical appearance</td>
<td>Clear Dark Brown liquid</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.02 - 1.03</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in water</td>
</tr>
<tr>
<td>Flash Point</td>
<td>305°F (151.6°C)</td>
</tr>
</tbody>
</table>

### Application
COR BRINE 20 additive controls corrosion of tubing and casing strings when used in workover or packer brines, including sodium chloride, calcium chloride, sodium bromide, calcium bromide and zinc bromide. COR BRINE 20 corrosion inhibitor is designed for use in clear brines, but is applicable in viscosified completion or drilling fluids. Pilot testing for compatibility is recommended for this application. COR BRINE 20 corrosion inhibitor can be added directly to the brine without special mixing equipment or agitation.

### Advantages
- Protects metal surfaces in both the shallow, upper part of the well and in the deeper, hotter areas. At the recommended concentration, COR BRINE 20 corrosion inhibitor provides protection at bottomhole temperatures up to 300°F (149°C).
- Protects both tubular goods and completion tools exposed to workover or clear completion brines.
- Compatible with sodium chloride, potassium chloride, calcium chloride, sodium bromide, calcium bromide and moderate-density zinc bromide brine fluids.

### Limitations
- Designed for application in clear brine fluids. If used in a viscosified completion or drilling fluid, pilot testing for compatibility is recommended.

### Toxicity and Handling
Bioassay information is available upon request.
Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the Material Safety Data Sheet (MSDS).

### Packaging and Storage
COR BRINE 20 corrosion inhibitor is packaged in 55-gal (208-L) drums. Store in a dry location away from sources of heat or ignition, and minimize dust.

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**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.