COR M

Corrosion Inhibitor

**Product Description**
COR M corrosion inhibitor is a low toxicity amine based corrosion inhibitor that can reduce corrosion in freshwater and monovalent brines. In addition, COR M corrosion inhibitor can be used to increase pH and treat carbonate contamination in water based systems.

COR M corrosion inhibitor is a good choice in polymeric systems that are sensitive to brines and divalent ions. COR M corrosion inhibitor is not recommended for treating large influxes of hydrogen sulfide.

**Typical Physical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical appearance</td>
<td>Colorless to light yellow</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.0 – 1.02</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;205°F (96°C)</td>
</tr>
</tbody>
</table>

**Application**

- Treat carbonate contamination in water-based systems at bottom hole temperatures up to 350°F (175°C)
- Remove small quantities of hydrogen sulfide gas from solution
- Note: COR M corrosion inhibitor is not recommended for treating large influxes of hydrogen sulfide because the chemical reaction is reversible.

**Advantage**

- Helps provide extra protection against acid gases
- Increases pH

**Recommended Treatment**

Add 0.25-1.4 lb/bbl (0.7-3.9 kg/m³).

Note: Concentrations will depend on the level/severity of the contamination, the temperature of the mud, and the length of time the mud is in static condition.

**Toxicity and Handling**

- Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the Material Safety Data Sheet (MSDS).

**Packaging and Storage**

COR M 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.

**Additional Information**

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.