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

Physical appearance	Colorless to light yellow
Specific gravity	1.0 – 1.02
Flash Point	>205°F (96°C)

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.