

Methanol Corrosion Inhibitor

PHYSICAL DESCRIPTION

Appearance	Clear, Dark Brown, free-flowing liquid
pH	8.5 – 8.7
Flash Point	11°C (PMCC)
Specific Gravity	0.83 – 0.85
Solubility	Water – Soluble
Odour	Distinct, Alcohol

PROPERTIES

M-HIB is a proprietary formulation that provides excellent corrosion control in gas production systems using high volumes of methanol.

M-HIB is a preventative treatment to film production equipment in the presence of methanol and will inhibit corrosion caused by oilfield brines, organic acids and carbon dioxide.

BENEFITS

M-HIB also contains an oxygen scavenger.

M-HIB is tolerant to changes in shear force in pipeline applications.

Typical dosages are based upon corrosion data from rotating cylinder electrode (RCE) experiments, where an effective concentration of 500ppm M-HIB in a synthetic brine decreased corrosion rates from 60mpy to 5mpy.

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MIXING & HANDLING INSTRUCTIONS

M-Hib mixes uniformly in methanol and should be applied at a rate of 10 to 20 liters per 1000 liters of methanol to control corrosion in a gas system.

M-Hib can also be injected continuously into oilfield brines at a rate of 50 to 500 ppm.

M-Hib is compatible with chemicals typically used for corrosion or scale programs. Testing can be done to demonstrate that loss of activity of either inhibitor or M-Hib will not occur when use in the same system.

CAUTION

Highly flammable liquid and vapour. Toxic if swallowed, in contact with skin or if inhaled. Causes damage to organs.

Handle with care as with any industrial chemical.

Before using this product refer to the Safety Data Sheet for all safety and handling information.

M-Hib is available in 20L pails, 205L drums or tote containers.

Please consult your local CFR Sales representative for technical support or further product inquiries.