



## DRILLING FLUID PRODUCTS

### TECHNICAL INFORMATION

#### IM-HIB™ WELL PROTECTION PACKER FLUID

#### Corrosion Inhibitor for Water Based Drilling Fluids

**IM-HIB** is an effective additive for reducing and preventing occurrence of corrosion to all metal parts in a variety of drilling operations. **IM-HIB** is specially formulated blend of amine based corrosion inhibitor, bactericide, and oxygen scavenger for all-purpose corrosion protection in water based mud, packer and completion fluids.

#### Product Specifications:

Property	Specification
<b>Specific Gravity</b> (at 25°C)	0.97 -1.02
<b>Pour Point</b> (°C)	Below 10 °C
<b>Flash Point</b> (°C)	> 85 °C
<b>pH</b> (at 25 °C)	9 – 11
<b>Solubility</b>	Soluble in water at any temperature
<b>Appearance</b>	Dark brown liquid

#### Functions:

**IM-HIB** has the following benefits:

- Effective against corrosion by oxygen, carbon dioxide and hydrogen sulfide gases.
- Non-foaming and performs well in calcium chloride, sodium chloride, potassium chloride and bromide brines.
- Forms a persistent protective film on metal surfaces, and maintains performance at high down-hole temperatures (up to 350 F).
- Effectively minimizes sulphate-reducing bacteria.
- Formulated to provide corrosion control for non-alloy and low alloy steel as well as stainless steel.

#### Recommended Treatment:

**IM-HIB** is recommended as a specific all-purpose corrosion inhibitor.

Normal treatment rates for effective long-term corrosion protection is 0.5 – 1.0 % based on fluid volume. A circulating fluid would require 0.1 – 0.2 %.

#### Packaging:

Packaged in 208 liter HDPE drums.

#### Legislation and Handling Recommendations:

Not restricted by any regulatory agency. Refer to the Material Safety Data Sheet (MSDS) for the product prior to use.

© RTE, 2002. ALL RIGHTS RESERVED

RTE believes in good faith that the information presented in this bulletin is accurate and reliable. No other warranties are given in relation to the information or the products of whatsoever nature, and RTE assumes no responsibility for advice or recommendations made herein or any other information disseminated concerning this product. Under no circumstances shall RTE or its responsible personnel be liable for any special or consequential damages whatsoever.