

JMN SPECIALTIES, INC.

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PRODUCT BULLETIN

SPEC HIB 3001

Environmentally Safe Corrosion Inhibitor

General Description

SPEC HIB 3001 is a custom formulated chemical which effectively protects the metal in the vapor phase of glycol reclaim systems from corrosive steam vapor and acid gas. Experience has shown that corrosion is reduced as much as 90% in less than 18 hours. **SPEC HIB 3001**, in a steam distillable amine, forms a film barrier to retard corrosion attack of metal throughout the entire system. Also contained, is a special anti-foam agent to prevent problems normally encountered during treatment. **SPEC HIB 3001** offers maximum passivation of metal surfaces in treated systems in liquid and vapor areas.

Application

In Drilling Operations: **SPEC HIB 3001** can be used as an effective corrosion inhibitor in acidic drilling fluids. For drilling operations, typically 1 – 6% by volume, or until pH is controlled, is used. Additional product should be added as volume increases or pH lowers.

For treating TEG: **SPEC HIB 3001** can be injected continuously or batch treated directly into the process fluid. Initial batch treating is 2000 ppm (1 qt per 100 gal) followed by a treating schedule based on the unit size and flow rates. JMN Specialties engineers can prescribe the correct dosage upon request. For antifreeze protection, when make-up TEG is added to the system, 4 oz. of **SPEC HIB 3001** should be mixed for each gallon of TEG added.

For Packer Fluids: **SPEC HIB 3001** is recommended for use in salt water packer, pipeline fluids, salt water drilling fluids and other waters that will come in contact with the hydrocarbon producing fluids. A treatment rate of 55 gallons per 100 to 150 bbls of fluid is recommended.

Physical Properties

Density	10.0 – 11.0 ppg
pH (5% Solution)	9.2
Flash Point	> 212°F
Pour Point	< -20°F
Solubility	Soluble in Glycol and Water

Availability

SPEC HIB 3001 is available in UN approved 5 gallon pails, 5 gallon drums and bulk quantities.

Handling

Observe warning label on containers. Normal precautions for industrial chemicals apply. This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this product to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

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