

JMN SPECIALTIES, INC.

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PRODUCT BULLETIN

SPEC HIB 218

Corrosion Inhibitor / Pickling Fluid

General Description

SPEC HIB 218 is a heterocyclic amine blend that is soluble in water and insoluble in oil. **SPEC HIB 218** is a highly active inhibitor specially designed for use in pickling fluids, whether in fresh or brine waters. **SPEC HIB 218** is extremely soluble in high brines with little or no tendency to "fall out" of solution. When applied to metal surfaces, even after draining fluid, a protective film remains behind to provide protection from rust and corrosion.

Application

Treating Rate: For fill and drain protection of ferrous and yellow metals, use 5% **SPEC HIB 218** in fresh water.

Treating Methods: Pre-mix **SPEC HIB 218** with the water and circulate the mixture in system for a hour, drain and seal unit.

Pickling Equipment: For fluid to remain in system, use 1 - 2.5% **SPEC HIB 218**, mix with fresh water (1%) or brine (2.5%), and pump into the equipment to be protected.

Spraying tank walls: Mix 2 - 5% **SPEC HIB 218** with fresh water, saturate wall surfaces, close and seal tank.

Physical Properties

Color	Clear, Dark Liquid
Odor	Amine
Specific Gravity	1.030
Density	8.56 lbs./gal
Viscosity	37 SUS @ 60° F
Flash Point	None
Solubility	100% in Fresh Water & Saturated Brines

Availability

SPEC HIB 218 is available in UN approved 5-gallon pails, 55-gallon drums and bulk quantities.

Handling

Observe warning labels 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.