

JMN SPECIALTIES, INC.

1100 Victory Drive - Westwego, LA 70094
PO Box 189 - Westwego, LA 70096



PRODUCT BULLETIN

SPEC HIB 525

Passivation / Storage Concentrate

General Description

SPEC HIB 525 is a concentrated passivating solution that is used for neutralization and passivating ferrous metal surfaces after acid cleaning or to preserve a cleaned or water flushed system to prevent flash rust. Cleaning processes can often leave metal surfaces in a very reactive state. **SPEC HIB 525** will neutralize the metal surface preventing flash rusting and corrosion related problems after the equipment is put into service. **SPEC HIB 525** does contain sodium nitrate and sodium nitrite and **SPEC HIB 525** residue is compatible with all types of inhibitor packages used in hot or cold water cooling systems.

Application

SPEC HIB 525 should be mixed with fresh or deionized water at a rate of one part **SPEC HIB 525** to 10 parts H₂O. The diluted fluid can be used at ambient temperature or heated to no more than 125°F and circulated through the equipment for one to two hours. We used as a storage preservative, a 10% dilution in water is recommended.

Physical Properties

Appearance	Clear to Light Amber Liquid
Freezing Point	32°F
Flash Point	Non-flammable
Solubility in Water	Complete
pH	11.3 - 11.5
Specific Gravity	1.15 – 1.125

Availability

SPEC HIB 525 is available in UN approved 5 gallon pails, and 55 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.