

JMN SPECIALTIES, INC.

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PRODUCT BULLETIN

SPEC HIB 540

Passivation / Storage Concentrate

General Description

SPEC HIB 540 is a concentrated passivating solution that is used for neutralization and passivating ferrous metal surfaces after acid cleaning. Acid cleaning leaves metal surfaces in a very reactive state. **SPEC HIB 540** will neutralize the metal surface preventing flash rusting and corrosion related problems after the equipment is put into service.

Application

SPEC HIB 540 should be mixed with fresh or deionized water at a rate of one part **SPEC HIB 540** to 10 parts H₂O. The diluted fluid should be heated to 125°F and circulated through the acidized equipment for one to two hours. Equipment is then blown dry and sealed for storage to job site. **SPEC HIB 540** residue is compatible with all types of inhibitor packages used in hot or cold water cooling systems.

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	1.05

Availability

SPEC HIB 540 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.