Metal Guard® 816

Metal Guard 816 is an effective corrosion inhibitor for use in acidic cleaning and pickling applications. Metal Guard 816 is a liquid product that can be used in a phosphoric, hydrochloric or sulfuric acid solutions to inhibit the attack of the acid on steel or cast-iron parts in a pickling operation.

Metal Guard 816 will work by protecting the steel or cast-iron surface while removing the rust or heat treat scale present on the par surface. Once the rust and scale have been dissolved, Metal Guard 816 will prevent further reaction of the acid solution on the metal's surface.

Metal Guard 816 should only be used in inhibiting hydrochloric or sulfuric acid solutions.

Features & Benefits

Acid is only consumed by rust and scale present on part	Conserve acid
Liquid product	Easily added to acid pickling solution
Protects bare metal surface	Prevents acid attack on parts during pickling process

Operating Conditions

Concentration	1% – 3%
Temperature	Ambient – 160°F (71°C)

<u>Control and Addition Rate</u>
It is not possible to check the concentration of the Metal Guard 816 by an analytical procedure. The makeup additions will be made when fresh acid is added.

Caution

When handling Metal Guard 816, avoid skin, eye and oral contact. Wash exposed areas with clean water. For eyes, contact a physician immediately.

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Our People. Your Problem Solvers.

For more information on this process,
please call us at 203.756.5521 or email: techservice@hubbardhall.com

Hubbard-Hall holds certifications for **ISO 9001:2015**, Responsible Distribution, as accredited by the **ACD** (Alliance for Chemical Distributors) and as a **Women-Owned Small Business**, as well as maintaining an association with **Omni-Chem**[136]