



Sustainable Solutions for health, productivity and the environment.

EQC-18

Multi-Purpose Descaler

Description

EQC-18 is an inhibited sulfamic acid-based cleaner in an easy-to-handle liquid form.

Features

- Does not increase temperature of water.
- Cleans equipment without disassembly.
- Protects all metals including zinc from acid attack.
- Strongly inhibited to protect bare metal.
- Ready to use liquid.
- No offensive fumes.
- Contains a corrosion inhibitor designed for the reduction of acid attack on zinc and galvanized surfaces.

Benefits

- Safe to handle. No fear of explosion.
- Fast effective removal of hardness scale, rust and other mineral deposits from heat exchangers, condensers, cooling jackets, process vessels, pipings, valves and other equipment subject to scale deposits.
- Increases efficiency through improved heat transfer.
- Minimizes corrosion during equipment clean up.
- Safe to use in galvanized systems on copper and stainless steel, mild steel, and galvanized steel.

Applications

EQC-18 is formulated for fast, effective removal of hardness scale, rust and other mineral deposits from heat exchangers, condensers, cooling jackets, process vessels, pipings, valves and other equipment subject to scale deposits. EQC-18 is especially effective in removing calcium carbonate (hardness) scales. One gallon of EQC-18 will remove approximately one half pound of calcium carbonate.

EQC-18 meets requirement of former USDA Authorized, Category G-7

Directions for Use

Generally EQC-18 dilution ratios range between 1-10% of system volume.

Cooling Tower Systems and Evaporative Condensers

Add EQC-18 at 1-10% system volume. Circulate the EQC-18 solution through the system for approximately 4 hours or until the scale is removed. Maintain the acid solution strength by adding additional EQC-18 until the pH value remains consistently at/or below 2.0. When the scale has been removed, drain, flush and neutralize to pH of 7 or above before putting the unit back into service.

Heat Exchangers, Compressors, Jacketed Vessels

Prepare a 1-10% EQC-18 acid cleaning solution in a mixing tank. Use a centrifugal pump to recirculate the EQC-18 cleaning solution for 4 hours or until all of the scale has been removed. Add additional EQC-18 if pH increases over 2.0. Drain, flush and neutralize the system water to pH 7 or above before putting unit back into service.

Your Rochester Midland Water Energy Representative will give feeding and dosing recommendations to obtain optimum results.

Properties

Appearance	Clear, water white liquid
pH 1% aqueous solution	2.4
Specific Gravity	1.053

Packaging

EQC-18 is sold by the pound and is packaged in 44 lb. pails, 480 lb. drums, and 2,400 lb. totes.

For handling and precautionary information, reference the product label and material safety data sheet

**For more information about RMC
call 1.800.388.4762 or go to
www.rochestermidland.com**



