

## MC-16

# Acid Descaler Compound



**MC-16** is a dry sulfamic acid system cleaner and descaler. **MC-16** quickly and safely removes accumulations of scale, corrosion and organic matter. It does this in a wide range of open and closed recirculating cooling and heating water systems, including boilers and heat exchangers.

**MC-16** helps remove hard water scale, protein deposits, beer and milk stone, light rust and copper corrosion. This non-sudsing, crystalline, acidic cleaner is safe for steel, iron, glass and wood equipment, and may be used with caution on copper, aluminum, and galvanized surfaces. Cleans in a soak tank or by circulation. **MC-16** will change color from purple to red to yellow as acid is expended. USDA authorized for use in federally inspected meat and poultry plants.

### ADVANTAGES:

**MC-16** is the product of choice for on-line cleaning and descaling of water systems where minimum corrosion of the system metals is critical. When properly applied, it will solubilize and disperse calcium, rust, organic matter, oils, sludge, and other foulants.

Old and heavily fouled systems can be cleaned in this manner with minimum potential for corrosion or plugging. In these systems, clean-up time can range from several hours, up to several days, for heavily scaled cooling towers.

### FEATURES:

- \*Powder
- \*Extremely Economical
- \*Agressive
- \*Complete Descaling
- \*Sulfamic
- \*Agressive on Rust

Call for Orders, Product Information and Technical Support:

**1-800-830-3423**

### NPCA Hazardous Materials ID System

Health	2
Flammability	0
Reactivity	1
Personal Protection	*

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## DIRECTIONS:

**MC-16** is dosed to the fouled system at a rate of 5 pounds per 20 gallons of system water for rapid descaling. Before dosing, system should be flushed, filled with fresh water, bleed closed and recirculation started.

Cooling towers should be drained and flushed after 6 to 8 hours of recirculation. Thereafter, repeat additions of **MC-16** may be made for as long as a week to clean severely scaled systems. Periodic flushing of the system to remove loosened contaminants will be necessary.

Recommended concentration for general use is 8 ounces compound per gallon of water. Heavy scale may require as much as one pound per gallon, and light work as little as 4 ounces compound per gallon of water. Soak or circulate at room temperatures. Solution may be heated for difficult jobs. **Do not boil.** The solution may be restored only once, by adding an original amount of compound. Rinse thoroughly with clean water.

## CAUTIONS: DANGER! CAUSES EYE BURNS!

Nose, throat and skin irritant. Contains sulfamic acid. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing dust, mist or spray. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. Store in cool dry place. Should be used by experienced operators. Do not mix with sodium hydroxide (caustic soda), strong alkalis, nitrate, nitrite, chlorine, chlorate, hypochlorous acid, hypochlorite, cyanides or sulfides. Keep out of reach of children.

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