



# SC-560

## Concentrated Acid Cleaner

Designed to eliminate lost efficiency of heat exchange equipment due to scale, corrosion and "stones", use SC-560 to descale equipment quickly without damaging pipes or fittings. SC-560's powerful acid produces a cleaning action without heat, this action cleans away rust, breaks up residues and dissolves water hardness scale. After hardened scales are gone, repairs are easier and exchange surfaces heat faster. SC-560 may be used for derusting and to brighten stainless steel, aluminum or galvanized.

### SPECIFICATIONS

Physical Appearance.....	Clear, colorless liquid
Odor.....	Mild acid
Specific Gravity.....	1.330 at 25 C
pH.....	1% solution 1.2 at 25 C
Viscosity.....	100 cstk. At 25 C
Freeze Point.....	Below -12 C
Phosphorous as % P.....	17.7
Flash Point.....	None

### DIRECTIONS

SC-560 is safe on all types of stainless steel. There is mild attack on most common metals such as iron, steel, brass and aluminum. Strong solutions attack zinc and galvanized surfaces, and should be rinsed promptly.

- ◆ For brightening aluminum, stainless steel or galvanized use at 1/4 to 8 ounces per gallon of water at 120 F; 140 F to 160 F, for circulation, pressure spray, foam and soak cleaning.
- ◆ On light scale (less than 1/16 inch), SC-560 may be diluted 1 to 1 with water.
- ◆ After scale is dissolved, thoroughly flush the coil or heat exchanger with water. On regular steel or other ferrous metals, make a solution of soda ash or some other alkaline corrosion inhibitor to prevent flash rusting of ferrous metals.
- ◆ All spent acid solutions must be neutralized to a pH above 6 and below 9 with soda ash or sodium bicarbonate. Care must be taken when neutralizing large amounts of SC-560 with soda ash or sodium carbonate as large amounts of carbon dioxide are generated producing foaming and effervescence. A small amount of defoamer may be added to knock down the foam produced.
- ◆ If the scale being removed contains copper or other heavy metal residues, additional pretreatment may be required if spent acid contains large amounts of these heavy metals.

**DANGER: CORROSIVE. CAUSES IMMEDIATE IRRITATION TO EYES AND SKIN.**

Contains PHOSPHORIC ACID and surfactants. Wear neoprene gloves, neoprene aprons and boots and chemical goggles and face shield when handling the product or spent acid. See Material Safety Data Sheet for additional handling instructions and first aid procedures.

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