



# SC200 Heavy-Duty Cleaner

## DESCRIPTION

**SC200** is a mildly alkaline granular compound, designed for heavy-duty immersion and electro-cleaning. **SC200** soaks away oils, grease, dirt, mill markings, buffing compounds and even finger prints in your immersion tank. **SC200** is safe on steel, stainless steel, nickel, copper alloys and plastics. The economical powder quickly goes into solution to provide a long-lived solution for use at moderate temperatures. **SC200** will put a protective film on metal surface to protect it from corrosion and is easily removed by rinsing.

## OPERATING PARAMETERS

Concentration	8 to 12 oz./gal.
Temperature	130 to 180°F
Time	5 to 30 minutes
Agitation	Air, Mechanical, or none

## EQUIPMENT

Processing tanks, piping, pumps, and heat transfer surfaces constructed of mild steel will provide satisfactory service life.

## PHYSICAL PROPERTIES

Appearance	Powder
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## CONTROL PROCEDURES

1. Fill the tank to 2/3 of the final volume with clean water.
2. Add the required amount of **SC200** slowly, using sufficient agitation to thoroughly dissolve the material.
3. Add water to increase the volume to the operating level and heat the solution to operating temperature.

## ANALYSIS

### SC200 Titration

Material Required:

10 mL pipet  
125 mL titration flask  
Automatic titrating burette assembly  
Indicator - phenolphthalein

1. Pipet a 10 ml sample of solution from **SC200** tank.
2. Transfer solution to glass flask and add 50 mL of DI water.
3. Add 3 - 4 drops of phenolphthalein indicator solution.



(Solution will turn pink)

4. Slowly add 1.0 N Acid from the burette until the solution turns from pink to colorless.

5. Calculation

$$\text{SC200 Concentration (oz/gal)} = (\text{mLs of 1.0N Acid}) \times 0.96$$

#### SAFETY AND STORAGE

Use appropriate PPE when handling **SC200** including gloves, eye protection, apron, etc.  
temperature in a dry location.

Store at room

#### WASTE TREATMENT

Contact your FCT Water representative for waste treatment recommendations.

#### MISCELLANEOUS

Available in 50 lb containers.