



# SUPERIOR DESCALER



## DESCRIPTION

**Superior Descaler** is formulated for maintenance cleaning aqueous flux cleaning equipment that has developed mineral scale deposits from hard water. A regular schedule of equipment cleaning with the **Superior Descaler** ensures that equipment will operate effectively and efficiently, and minimize the frequency of changing screens and filters.

## DIRECTIONS

During operation, cleaning equipment will build up scale on the walls of the tank, inside the spray nozzles, and on the surface of the immersion heaters, especially when hard water is being used in the cleaning process. For effective cleaning, the following procedure is recommended:

### DESCALING WASH TANK

1. Turn off heaters in the wash section.
2. Drain any detergent or neutralizer solution completely from the wash tank section.
3. Flush tank thoroughly with clean water.
4. Fill the wash tank with about 50% of the normal operating level with water being certain that the heaters are completely covered.
5. Turn on the heaters and bring the temperature of the water to 120–130° F (49–54° C).
6. When the water has reached the proper temperature, add 5-10% by volume of the **Superior Descaler** to the water in the tank.
7. Turn on the wash section pump. Allow pumping and spray action to operate for at least 30 minutes.
8. Turn the pump and heaters off and drain the wash tank completely.
9. Flush tank thoroughly with clean water.
10. Fill the wash tank with water to about 50% of the normal operating level.
11. Turn on the pump and allow the pump to spray for about 5-10 minutes.
12. Drain tank.

### DESCALING RINSE TANK

1. Fill the rinse tank with about 30 gallons of water.  
**NOTE:** A bypass valve from the drain to the pump should be added to recalculate the **Superior Descaler** solution.
2. Add 5-10% by volume of the Superior Descaler to the water.
3. Turn on the rinse section pump and allow pumping and spraying of the solution for 20-30 minutes.
4. Drain rinse tank thoroughly and flush with clean water.
5. Fill rinse tank with 20-30 gallons of water, turn on pump and allow pump to spray for 5-10 minutes.
6. Drain the rinse tank.

## PHYSICAL PROPERTIES

Specific Gravity @ 25°C	1.320
Pounds/Gallon	11.00
Flash Point	None
pH of concentrate	>1.5

**This Product is RoHS Compliant**

## SAFETY

**Superior Descaler** is acidic. NIOSH approved protection for hands, eyes, and body should be provided when handling this product. Recommended use of rubber gloves, apron and safety glasses and or, full face shield to protect against accidental splashes or spills. **Superior Descaler** has two (2) year shelf life.

*Superior manufactures quality fluxes. Our business is solving problems.*



**Superior Flux  
& Mfg. Co.**

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