



Technical Data Sheet

ScaleSafe™ 9430 Descaler

Product Description

ScaleSafe 9430 Descaler is a mild acid liquid descaler designed for the removal of mineral deposits and other scale from the wetted surfaces of aqueous washers such as spray nozzles, heating elements, belts, screens, viewing windows, and tank surfaces. It effectively dissolves and removes calcium, magnesium, iron, carbonates, and oxide scale.

Features and Benefits

- Biodegradable
- Phosphate Free
- Free Rinsing

Properties

Odor	Mild
Specific Gravity (25 °C)	1.2
pH (100% conc.)	0.9

Process Steps for Descaling

1. Turn off the wash tank pump and drain the existing cleaning solution.
2. Fill the wash tank with fresh water. Recirculate for 10 minutes with no heat. Drain thoroughly.
3. Fill the wash tank with fresh water and add the appropriate concentration of ScaleSafe 9430. For light scale build-up, use a concentration between 15-20% by volume. For heavy scale build-up, use a concentration between 20-25% by volume.
4. Heat the wash tank to 120°F and recirculate for one hour. This will enable ScaleSafe 9430 to dissolve and remove mineral deposits and scale build-up. Turn off the pump and heaters, and drain.
5. Fill the wash tank with fresh water. Turn on the pump and recirculate for 10 minutes with no heat. Turn off the pump, and drain thoroughly.
6. Fill the wash tank with fresh water and add the appropriate concentration of cleaning solution.
7. Resume with cleaning.

Process Steps for Passivation

1. Clean/ Degrease the substrate using an alkaline cleaning agent. Vantage recommends CleanSafe 7448 at 140°F to 160°F for 30 minutes.
2. Thoroughly rinse the substrate with water.
3. For stainless grades 316, 316L, 304, 304L, 303, 302, 305, 416, 430, 450, 455, 465, 630 passivate by immersing in 20% of ScaleSafe 9430 at 150°F for 30 minutes. For other stainless grades, please contact Vantage for technical assistance.
4. Thoroughly rinse the substrate with water.
6. Dry substrate.



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Disposal/Safety

Disposal

Vantage recommends contacting your current or local environmental service company for proper disposal.

Safety

Please see Safety Data Sheet for further information.

Packaging

Available in 50 lb (23 kg) pail and 550 lb (249 kg) drums.

Shelf Life

36 months when stored in original, sealed container above 50°F (10°C). Protect product from freezing.

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Vantage Specialties, Inc.

3938 Porett Drive • Gurnee, Illinois 60031 USA • **P** +1 847 244 3410 • **F** +1 847 249 6346 • www.vantagegrp.com