



Product Bulletin

Better Chemistry. **Better Business.**

Aquaease™ SCOF W

Product Code: 2002007
Revised Date: 01/25/2006

Aquaease™ SCOF W

Aquaease™ SCOF W is a powdered alkaline, phosphate and chelator free product, which may be used as a soak cleaner and in some instances as an electrocleaner in rack or barrel lines. The surfactant system of **Aquaease™ SCOF W** is completely biodegradable. **Aquaease™ SCOF W** may be used to clean: ferrous metals, brass alloys, copper, bronze, stainless steel and magnesium alloys (low in aluminum content).

PHYSICAL DATA

Solubility in water:appreciable
Appearance and odor: white or off-white granular

OPERATING CONDITIONS (IMMERSION CLEANING)

Concentration:4 to 16 oz/gal
Temperature: 140 to 200 °F
Time: as required
Equipment: mild steel tanks and heating coils

OPERATING CONDITIONS AS ELECTROCLEANER (ANODIC OR CATHODIC)

Concentration:8 to 18 oz/gal
Temperature: 160 to 200 °F
Current density: 10 to 40 amps/ft² (the lower current densities
.....10 to 25 amps/ft², should be reserved for brass and bronze alloys)
Equipment: mild steel tanks, anodes and coils
Ventilation: required

- NOTES:** - When recharging a cleaning tank with a fresh solution, check that the steel electrodes are free of sludge. A sludge build-up will act as an insulator and consequently reduce current flow.
- In some electrocleaning operations addition of caustic soda may be added for higher conductivity.



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TANK MAKE-UP PROCEDURE

Considerable Heat Is Generated when **Aquaease™ SCOF W** is dissolved in water. A new solution should be prepared by filling the tank half full of warm water (approx. 100 °F, 37 °C), and slowly adding **Aquaease™ SCOF W** while continuously stirring. After the **Aquaease™ SCOF W** has been dissolved, add the remainder of the cold water. Heat or cool to desired operating temperature before use.

Note: When adding **Aquaease™ SCOF W** to an operating solution, add slowly to avoid solution eruption.

CONTROLS

I. BURET TITRATION PROCEDURE

Use 5-ml sample of **Aquaease™ SCOF W** solution, titrate with N/2 HCl, 3 drops phenolphthalein indicator.

$$\text{Concentration Of Aquaease™ SCOF W} = \text{MLS N/2 HCL} \times 1.10$$

II. TEST KIT PROCEDURE

$$\text{Concentration Aquaease™ SCOF W} = \text{DROPS N-94 Solution} \times 0.64$$

WASTE DISPOSAL

Discharge to a disposal system. In order to be completely informed on the latest regulations for your area, please contact the local authorities.

CAUTION

Aquaease™ SCOF W is an alkaline product and should be handled accordingly. Avoid skin and eye contact. Wear protective clothing, goggles and gloves. Flush exposed areas immediately with clean cold water. Contact a doctor promptly in case of injury. Consult MSDS for details.



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WARRANTY

THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.