



Better Chemistry. **Better Business.**

**Aquaease™ S 995**

Product Code: 2002041  
Revised Date: 01/28/2009

### **Aquaease™ S 995**

#### **DESCRIPTION**

**Aquaease™ S 995** is a mildly alkaline brown colored, powdered product used for cleaning buffing compound from zinc die castings, brass castings and stampings, copper and steel fabrications. While **Aquaease™ S 995** has been formulated to remove buffing, it also may be used in cleaning some fabrication oils from zinc, brass and steel.

#### **FEATURES AND BENEFITS**

- No amines
- No silicates
- No caustic
- No chelating agents
- Suspends particulate soils
- Prevents soil redeposition
- Leaves a light protective film
- No VOC
- Mildly alkaline with a pH below 10.5

#### **TYPICAL APPLICATIONS**

- Soak tank buffing compound removal
- Ultrasonic buffing compound removal
- General soak tank cleaning



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## PHYSICAL DATA

Solubility in water..... appreciable  
Appearance and odor..... brown powder bland

## OPERATING CONDITIONS

Concentrations: 6 to 12 oz/gal (45 to 90 gms/l)  
Temperature: minimum 180 - 205 °F (82-96 °C)  
Agitation: required, mechanical or ultrasonic  
Time: 3 to 10 minutes  
Equipment: mild steel tanks, heating coils, etc  
Ventilation: recommended

Note: **Aquaease™ S 995** does not clean to a water-break-free surface. **Aquaease™ S 995** will remove the buffing compounds and oils from the metal surface leaving a protective soap film, which will protect the metal's surface during transfer.

## CONTROL

### TITRATION PROCEDURE

Factor (oz/gal)            0.48  
Factor (gms/l)            3.57

1. Pipette 25 ml sample into Erlenmeyer flask and dilute with 75 mls of water.
2. Add 8 drops bromphenol blue indicator to solution, swirl to insure complete mixing.
3. Titrate with 0.5 N HCl until solution turns from blue to light yellow color.
4. Record mls 0.5 N HCl used.

**CONCENTRATION OF AQUAEASE® S 995 = FACTOR x MLS 0.5 N HCL USED**

### TEST KIT PROCEDURE

Factor (oz/gal)            0.91  
Factor (gms/l)            6.82



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Fill bottle 1/3 full of water then add 1 ml sample of **Aquaease™ S 995** and 5 drops methyl orange indicator. Add N-94 solution dropwise until color changes to reddish orange.

**CONCENTRATION OF Aquaease™ S 995 = FACTOR x DROPS OF N-94 SOLUTION**

### **CAUTION**

**Aquaease™ S 995** is an alkaline product and should be handled accordingly. Avoid skin, eye and oral contact. Wear protective clothing, gloves and goggles when handling the product. Flush exposed areas immediately with clean, cold water. Contact a doctor immediately in case of injury.

### **WASTE DISPOSAL**

Discharge rinse water and spent cleaner solution to a permitted disposal system. In order to be completely informed on the latest disposal regulations for your area, please contact the local authorities.

### **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.