Aquaease® S 995

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.

This product contains phosphate builders, please consult with your EHS staff regarding waste disposal requirements.

Features & Benefits

Suspends particulate soils	Prevents soil redeposition
Leaves a light protective film	Leaves a light protective film

Physical Data

Solubility in water	Appreciable
Appearance and odor	Brown powder bland

Typical Applications

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

Operating Conditions

Concentration	6 – 12 oz/Gal (45 – 90 g/L)
Temperature	Minimum 180°F – 205°F (82°C – 96°C)
Agitation	Required, mechanical or ultrasonic
Time	3 – 10 min

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.

Titration Method

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

Calculation

Factor (oz/Gal) 0.48
Factor (g/L) 3.57
Concentration = mL 0.5 N HCl x Factor

Test Kit Method

1. Fill bottle 1/3 full of water.
2. Add 1 mL sample of Aquaease S 995 and 5 drops Methyl Orange indicator.
3. Add 0.72 N Hydrochloric Acid dropwise until color changes to reddish orange.
4. Record the number of drops used.

Calculation

Factor (oz/Gal) 0.91
Factor (g/L) 6.82
Concentration = # Drops 0.72 N HCl x Factor

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.

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.

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.

Our People. Your Problem Solvers.

For more information on this process,
please call us at 203.756.5521 or email: techservice@hubbardhall.com

Hubbard-Hall holds certifications for **ISO 9001:2015**, Responsible Distribution, as accredited by the **ACD** (Alliance for Chemical Distributors) and as a **Women-Owned Small Business**, as well as maintaining an association with **Omni-Chem**[136].