



# Aquaease<sup>®</sup> SL 943 M

Aquaease™ SL 943 M is a liquid, amine and chelator free alkaline cleaner, formulated to remove buffing compound from brass, bronze, copper, stainless steel, and lead alloys. Aquaease™ SL 943 M was developed to clean the above metals when used either as a soak or as an ultrasonic cleaner.

Aquaease™ SL 943 M should not be used for cleaning zinc die casting or aluminum alloys.

## Operating Conditions as a Soak

Concentrations:	5 to 8% (volume)
Temperature:	180° - 205°F
Agitation:	suggested to aid in compound removal
Ventilation:	removal
Equipment:	mild steel tanks and heating coils

## Operating Conditions as an Ultrasonic Cleaner

Concentration:	3 to 8% (vol.)
Temperature:	140° to 180° F
Equipment:	any ultrasonic cleaning equipment

## Control

### TITRATION PROCEDURE

1. Pipette a 25 ml sample into erlenmeyer flask and dilute with 75 mls of water.
2. Add 10 drops congo red indicator to solution; swirl to insure complete mixing.
3. Titrate with 0.1 N HCL until solution turns from red-orange to purple-gray
4. Record mls 0.1 N HCL used.

$$\text{(\% By Volume) Concentration} = 0.8 \times \text{MLS } 0.1 \text{ N HCL Used}$$

### TEST KIT PROCEDURE

1. Fill mixing bottle  $\frac{1}{4}$  with water. Add 10 mls of sample and 10 drops congo red indicator.
2. While swirling the mixing bottle add N-94 solution dropwise until a blue end point is achieved.

$$\text{(\% by volume) concentration} = 0.60 \times \text{drops of N-94 solution}$$



## Caution

**Aquaease™ SL 943 M** is an alkaline product. Avoid contact with skin and eyes. Wear protective clothing, goggles and rubber gloves. Flush exposed areas immediately with clean, cold water. In case of injury, contact a doctor immediately.

## Waste Disposal

Discharged to a disposal system. In order to be completely informed on the latest 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.

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## Our People. Your Problem Solvers.

For more information on this process,  
please call us at 203.756.5521 or email: [techservice@hubbardhall.com](mailto: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<sup>136</sup>**.