



## Product Bulletin

Better Chemistry. **Better Business.**

**Aquaease™ Sonic Soak Conc.**

**Product Code: 2052093**  
**Revised Date: 02/13/2009**

### **Aquaease™ Sonic Soak Conc.**

**Aquaease™ Sonic Soak Conc.** is a liquid, amine and chelating agent free alkaline cleaner, formulated to remove buffing compound from brass, bronze, copper, stainless steel, and pewter alloys. It can be used as an immersion soak cleaner with or without ultrasonics.

**Aquaease™ Sonic Soak Conc.** 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

#### **OPERATION CONDITIONS WHEN USED 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.

**(% by volume) concentration = x mls 0.1 N HCL used**



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### 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 drop wise until a blue end point is achieved.

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

### CAUTION

**Aquaease Sonic Soak Conc.** 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.