Aquaease™ Supersonic

Aquaease Supersonic is a concentrated liquid alkaline cleaner formulated to remove buffing compound and oils from brass, bronze, copper, white metals and lead alloys. Aquaease Supersonic was developed to clean the above metals when used either as a soak or as an ultrasonic cleaner.

Aside from cleaning the buffed metals, Aquaease Supersonic also has a brightening action on the copper, brass and bronze alloys.

Features & Benefits

Concentrated liquid alkaline cleaner	Removes buffing compound from brass, bronze, copper, white metals, and lead alloys
Can be used as a soak or ultrasonic cleaner	Will brighten copper, brass and bronze alloys

Operating Conditions

Soak Cleaner

Concentration	1.5% – 2.5%
Temperature	120°F – 160°F (49°C – 82°C)
Agitation	Suggested to aid in compound removal
Ventilation	Suggested
Equipment	Mild steel tanks and heating coils

Ultrasonic Cleaner

Concentration	0.5% – 1.5%
Temperature	Ambient – 160°F (71°C)
Equipment	Any ultrasonic cleaning equipment

Titration Method

1. Using a graduate, take a 25 mL sample and pour into a 250 mL Erlenmeyer flask.
2. Add 25 mL of water.
3. Add 5 drops of Methyl Orange - Xylene Cyanole indicator - swirl flask to mix.
4. Titrate with 0.5 N Hydrochloric Acid until the solution turns from green to purple.
5. Record mL used.

Calculation

Concentration = mL 0.5 N HCl x 0.17

Test Kit Method

1. Fill sample bottles 1/4 full of water.
2. Using a syringe, measure out 2 mL of solution to be tested and add to sample bottle.
3. Add 4 to 8 drops of Methyl Orange-Xylene Cyanole indicator.
4. Add 0.72 N Hydrochloric Acid dropwise to sample bottle until the solution turns from green to bright purple.
5. Record the number of drops used.

Calculation

Concentration = # Drops 0.72 N HCl x 0.13

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 Supersonic 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.

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].