Aquaease® EL 44

Aquaease EL 44 is liquid highly alkaline product developed for electro cleaning ferrous metals.
It contains a unique wetting system that is stable in this high caustic containing product.

Features & Benefits

High conductivity	Minimizes scale build-up on plate coils
Contains no chelating agents	Longer life than the conventional powdered products.

Typical Applications

- Electro cleaner in plating lines

Operating Conditions

Concentration	5% – 20%
Temperature	100°F – 200°F (38°C – 93°C)
Current density	40 – 80 amps/ft^2 (4.0 – 8.0 amps/dm^2)
Equipment	Mild steel tanks and heating coils

Note: The above concentrations given are for a wide variety of applications. For the average jobs, the concentration may range between 8% to 11% by volume.

Titration Method

1. Pipette 10 mL sample of Aquaease El 44 solution into a 250 mL Erlenmeyer flask.
2. Add 50 mL of water to Erlenmeyer flask.
3. Add 5 drops Phenolphthalein indicator.
4. Titrate with 0.5 N Hydrochloric Acid until the solution becomes colorless.
5. Record mL used.

Calculation

Concentration = mL 0.5 N HCl x 0.488

Waste Disposal

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

Caution

Consult Safety Data Sheet prior to handling Aquaease EL 44. 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].