Aquaease™ SL 108

Product Code: 2052013
Revised Date: 02/02/2006

Aquaease™ SL 108

Aquaease™ SL 108 is an acidic soak and spray cleaner that may be used for the removal of a variety of soils from stainless steel, steel, cast iron and monel. **Aquaease™ SL 108** contains a high percentage of surfactants and solubilizers, which will remove forming lubricants, machining oils and light rust or scale that may be present from these substrates. It is also effective for lime scale removal.

Note: **Aquaease™ SL 108** will not remove heavy scale from stainless steel alloys.

Aquaease™ SL 108 can be used for part-on-part burnishing and vibratory finishing of copper alloys, stainless steel, steel monel and other substrates.

PHYSICAL DATA

Specific gravity 1.069
Solubility in water.....complete
Appearance and odor.....light amber liquid, citrus odor
pH.....1.0 to 2.0

OPERATING CONDITIONS

5% to 50% (volume) - the dilution will depend upon the soils involved. However, rate of cleaning or derusting will be influenced by the build-up of iron or other metallic salts. This may be compensated for to some extent by increasing the temperature or the acid strength.

Temperature..... room to 170 °F (77 °C)
Ventilation.....suggested when used above room temperature

NOTE: **Do not process** copper, brass or bronze through the same tank with steel and iron - use separate tanks when processing a variety of metals.

Equipment .....stainless steel, polypropylene, polyethylene
..... fiberglass or rubber lined tanks
Heater.....stainless steel or nickel plated steel piping

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CONTROL PROCEDURE

TITRATION METHOD

1. Pipette a 10.0 ml sample of **Aquaease™ SL 108** solution into a 250 ml Erlenmeyer flask and dilute to 50 ml with water.
2. Add 3 to 5 drops of phenolphthalein.
3. Titrate to pink endpoint with 0.1 N sodium hydroxide solution.
4. Record ml of sodium hydroxide used.

% (vol) Aquaease™ SL 108 = 0.91 x ML OF 0.1 N Sodium Hydroxide Used

TEST KIT METHOD

Use a 5.0 ml sample and fill bottle 1/4 full of water, add 5 drops of indicator. Add N-72 solution dropwise until solution turns a definite yellow.

% (vol) Aquaease™ SL 108 = 1.67 x Drops N-72 Solution

WASTE DISPOSAL

Neutralize solutions of **Aquaease™ SL 108** to a pH between 6 to 8 with either caustic soda or soda ash before discarding. In order be completely informed on those latest waste disposal regulations for your area; please contact the local authorities.

CAUTION

Aquaease™ SL 108 is an acidic product; avoid skin, eye and oral contact. Wear protective clothing, facemask, chemical goggles and gloves when handling the product and its made-up solutions. Flush exposed areas immediately with copious amounts of clean, cold water. Contact a doctor immediately in case of injury.

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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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