



Product Bulletin

Better Chemistry. **Better Business.**

Aquaease™ SL 916

Product Code: 2052001
Revised Date: 3/1/2016

Aquaease™ SL 916

Aquaease™ SL 916 is a heavy duty highly alkaline liquid cleaner which may be used as an immersion, spray, and also as an electrocleaner for cleaning ferrous metals, copper, brass alloys, magnesium, and titanium alloys.

Aquaease™ SL 916 was formulated to remove a variety of forming lubricants and carbonaceous type soils from these metals.

Aquaease™ SL 916 because of its formulation, it is relatively free-rinsing and will perform well in hard water areas where not only does water hardness interfere with cleaning but also the product's rinsing ability.

ADVANTAGES

- Wide operating temperature range
- Biodegradable surfactant system
- Oil splitting
- Wide operating concentration range
- Low foaming product
- Effective at low temperatures

OPERATING CONDITIONS

Immersion (Rack or Barrel)

Concentration:	5 to 20% by volume
Temperature:	100°-180°F
Time:	1 to 6 minutes
Equipment:	Mild steel tanks and heating coils
Ventilation:	Suggested

Immersion (Ultrasonic)

Concentration:	1 to 12% by volume
Temperature:	90° to 200°F
Time:	30 to 90 seconds



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Equipment: Mild steel tanks and heating coils
Ventilation: Suggested

Spray (Spiral, belt, monorail)

Concentration: 4 to 6% by volume
Temperature: 120° to 160°F.
Time: 1 to 6 minutes
Equipment: Mild steel tanks and heating coils
Ventilation: Suggested

Electrocleaner

Concentration: 8 to 11% by volume
Temperature: 100° to 180°F.
Time: 1 to 6 minutes
Current Density: 40-80 amps/ft²
Equipment: Mild steel tanks and heating coils
Ventilation: Suggested

CONTROL

Titration Procedure

1. Pipette a 10 ml sample into a 250 ml Erlenmeyer flask and dilute with 50 mls of distilled water.
2. Add 4 drops Methyl Orange indicator and mix.
3. Titrate with 0.5 N Hydrochloric Acid until the color changes from orange to pink.

MLS OF 0.5 N Hydrochloric Acid X 0.69 = % By Vol Aquaease SL 916

Test Kit Method

1. Fill bottle 1/3 full of water. Add 1/2 ml of **Aquaease™ SL 916** bath.
2. Add 4-8 drops of Methyl Orange indicator.
3. Add 0.72 N Hydrochloric Acid drop wise - record number of drops required for color change from orange to pink.



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Aquaease SL 916 % Vol= 0.71 X Number Drops Of 0.72 N Hydrochloric Acid

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™ SL 916 is an alkaline product and should be handled accordingly. Avoid skin and eye contact. Wear protective clothing, goggles and gloves. Flush exposed areas immediately with clean cold water. Contact a doctor promptly in case of injury. Consult MSDS for details.

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.