



## Product Bulletin

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### AQUAEASE® SAL NP

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AQUAEASE® SAL NP is a liquid soak cleaner for aluminum alloys, which contains a unique blend of biodegradable surfactants. AQUAEASE® SAL NP has excellent rinsing properties creating a water-break free surface.

#### ADVANTAGES OF AQUAEASE® SAL NP

- Formulated with biodegradable surfactants
- Neutral – pH of operating solution is 6.5-7.5
- Generates no hard water sludge
- Works well where types of soils vary
- Silicate free
- Phosphate free
- Can be used as an ultrasonic cleaner
- Highly free-rinsing thus will not affect subsequent operations
- Easy control of operating solution
- Long solution life

#### PHYSICAL DATA

Specific Gravity..... 1.025  
Solubility in water..... complete  
Appearance..... pale yellow liquid  
pH (conc.)..... 6.5 – 7.5

#### OPERATING PARAMETERS

##### SOAK OR AGE-DIP OPERATIONS

Concentration: ..... 5 TO 10% (vol )  
Temperatures: ..... 160 – 200 F  
Time..... 3-7 minutes  
pH: ..... 6.5-7.5

Agitation of work or solution is beneficial. Optimum operating parameters are 7.5% volume, 180 F, for five minutes at a pH of 6.5-7.5.

Equipment:  
Heat:

Tanks may be fabricated with stainless steel, or lined mild steel.  
stainless steel or Teflon heating coils recommended.

## AQUAEASE® SAL NP

### SOLUTION CONTROLS

#### PROCEDURE TWO (Refractometer method)

1. Simply add a few drops of cleaning solution on to the refractometer and read the value from the scale.

<u>%(vol.) AQUAEASE® SAL NP</u>	<u>Refractometer Reading</u>
5%	1.5
10%	3.0

### CAUTION

Even though AQUAEASE® SAL NP has a neutral pH, wear protective clothing and goggles when handling this product. If exposed, flush thoroughly with clear, cold water. Always read the Material Safety Data Sheet to ensure familiarity with the methods of safe handling and the health hazards associated with the product. In case of injury contact a doctor.

### 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.

### 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