



Better Chemistry. **Better Business.**

Al Etch L

Product Code: 2542010
Revised Date: 04/23/2008

Al Etch L
Alkaline Etchant For Aluminum

Al Etch L is a concentrated, liquid, alkaline etchant for use on Aluminum and its alloys. It produces a uniform, satin-like finish on aluminum that is free from heavy scale. Unlike powders that are dusty, **Al Etch L** is easy to use and can be diluted to a 6% / vol solution with tap water for metering into the tank. **Al Etch L** always has some dissolved aluminum in the solution ensuring little to no scale build up on the tank and heating coils thus reducing overall maintenance of the equipment. Immersion times can be varied from 30 seconds to 15 minutes when working on different alloys. Temperature of operation is typically 100 degrees to 175 degrees Fahrenheit.

PRODUCT CHARACTERISTICS

Form.....Clear liquid
Odor.....Odorless
Sp. Gr.1.53
Alklaline

PARAMETERS OF OPERATION

Bath make up.....6% / vol
Range of temperature.....100 degrees to 175 degrees
Immersion times..... 1 to 10 minutes

OPERATIONAL RECOMMENDATIONS

- 1). Range of concentration is 0.5 – 10% / volume. A standard starting concentration is 6%/ volume.
- 2). Optimum-working concentration is determined based on alloy, condition of the surface, immersion time and temperature.
- 3). The working bath should be well ventilated.



Product Bulletin

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EQUIPMENT

Tank construction for **Al Etch L** may be constructed out of mild steel. The deoxidizer before **Al Etch L** should be constructed of stainless steel (Type 316- weldable stainless steel is recommended)

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.