



### ***Focus Tech ALC-1*** **Alkaline Copper Cleaner**

#### ***Product Description***

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ALC-1 is a highly concentrated, alkaline cleaner designed to clean copper surfaces. ALC-1 completely removes resist residues, light soils and finger prints. ALC-1's free rinsing formulation leaves the copper surface residue free and ready for subsequent processing. ALC-1 can be used in immersion or spray applications and is excellent for preclean prior to all microetching applications.

#### ***Physical Properties***

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Specific gravity: 1.24  
pH: > 13  
Appearance: clear, water white liquid

#### ***Operating Parameters***

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Concentration: 5 - 15% v/v  
Temperature: 120 – 130 °F

#### ***Storage***

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Store in original containers above 40 °F.

#### ***Safety***

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CAUTION! ALC-1 concentrates and working solutions contain strong alkaline ingredients. Avoid contact with eyes, skin and clothing. Wear chemical handler's gloves, goggles and protective clothing when handling. Read and understand Material Safety Data Sheet before using this product.

#### ***Notice***

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The information and recommendations, contained herein, regarding this product are, to the best of our knowledge, true and accurate. We make no guarantee of results because the conditions of actual use are beyond our control. We assume no liability for damages or penalties resulting from the use of this product or following our recommendations. Our recommendations and suggestions for use of this product are not intended to grant license to operate under or infringe any patent.