

AL65

ACID CLEANER FOR ALUMINUM

INTRODUCTION

AL65 is an acid based cleaner / deoxidizer for aluminum. AL65 removes surface films and corrosion products to leave a clean, even finish.

BENEFITS

- Removes oxides and corrosion products
- Leaves micro-structured surface
- Can be applied in dip, spray or brush

SOLUTION MAKE-UP

AL65 20% v/v

OPERATING DATA

Concentration	10 - 30% v/v
Temperature	68 – 86°F
Time	1 - 5 minutes

EQUIPMENT

Tanks	Polypropylene, Polyethylene, PVC
Heaters	PTFE immersion heaters with thermostatic control
Ventilation	Recommended

Manufactured for North America exclusively by **FOCUSTECH™**



2810 S. Roosevelt St.
 Tempe, AZ 85282
 Telephone (602) 268-3500
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INSTALLATION

It is essential that the tanks to be used for AL65 are thoroughly cleaned and leached before any product is introduced.

If there is any doubt as to the cleaning procedure please contact Automated Chemical Solutions.

1. Add water to one-half tank volume.
2. Add the required volume of AL65.
3. Add to level with water, mix and heat to operating temperature.

MAINTENANCE AND CONTROL

The solution should be analyzed regularly and replenished as necessary. (See Analysis Methods).
The solution should be discarded and a new one prepared when cleaning is no longer effective.

ANALYSIS METHOD

Reagents

1. 1N sodium hydroxide
2. Phenolphthalein indicator

Method

1. Pipette a 5 ml working solution into a 250 ml Erlenmeyer flask.
2. Add 100 ml DI water and a few drops of phenolphthalein indicator.
3. Titrate with 1.0N sodium hydroxide to a pink end point.

Calculation

$\% \text{ v/v AL65} = \text{mls of 1.0N sodium hydroxide}$

Replenishment

For every 1% low add 10 ml/L AL65

STORAGE

Store in original containers above 40 °F.

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SAFETY

CAUTION! AL65 concentrates and working solutions contain acidic components. 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.

PRODUCT GROUPS

The following products are referred to in this data sheet.

PRODUCT NAME	PRODUCT NUMBER
AL65 Aluminum Cleaner	207002

NOTICE

The information and recommendations of PMD (UK), Ltd. and Automated Chemical Solutions, Inc., and its representatives, 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.

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