



AL65

Aluminium Cleaner

INTRODUCTION

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

BENEFITS

- Removes oxides and corrosion products.
- Can be applied in dip, spray or brush.

SOLUTION MAKE -UP

AL65

20% v/v

OPERATING DATA

Concentration	10 - 30%
Temperature	20 - 30°C
Time	1 - 5 minutes
Extraction	Recommended

EQUIPMENT

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



INSTALLATION

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

If in any doubt as to the cleaning procedure please contact PMD Technical Department.

1. Half fill the tank with water.
2. Add the required volume of AL65.
3. Top up to final volume with water and heat to operating temperature.

MAINTENANCE AND CONTROL

The solution should be analysed 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

1N sodium hydroxide (standard volumetric solution)

Phenolphthalein indicator.

Method

1. Pipette a 5ml aliquot of the solution into a 250ml conical flask.
2. Add 100ml DI water and a few drops of phenolphthalein indicator.
3. Titrate with 1N sodium hydroxide to a pink end point.
4. Record titre = t mls.

Calculation

$t = \% \text{ concentration AL65}$

Replenishment

For every 1% low add 10ml/L AL65

DISPOSAL

Dispose of in accordance with local authority requirements.

PRODUCT FAMILIES

The following products are referred to in this data sheet.

PRODUCT NAME	PRODUCT NUMBER
AL65 Aluminium Cleaner	207002

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