

PMD (UK) LTD PROCESS DATA

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MFS1401-01/03
ISSUE 2
PREV 0498

MFS 1401 **FLUX REMOVER**

INTRODUCTION

MFS 1401 is a water soluble alkaline solution designed to neutralise and remove flux residues from printed circuit boards following the reflow process.

BENEFITS

Neutralises and removes flux residues.

Simple to use and maintain.

Extremely clean board surfaces.

Fully biodegradable.

SOLUTION MAKE-UP

MFS 1401 Flux Remover 5 - 20% v/v

The concentration of MFS 1401 Flux Remover can be varied to suit the application and the level of flux residue to be removed.

OPERATING DATA

Concentration	5 - 20% v/v in water.
Temperature	25 - 40 deg C.
Time	As required for application
Extraction	Recommended.

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EQUIPMENT

Tanks	Stainless steel, polypropylene or PVC
Heaters	PTFE or stainless steel immersion heaters with thermostatic control

INSTALLATION

It is essential that the tanks to be used for MFS 1401 Flux Remover are thoroughly cleaned and leached before any product is introduced.

If in any doubt as to the cleaning procedure please contact PMD (UK) Limited Technical Department.

1. $\frac{3}{4}$ fill the tank with water
2. Add required volume of MFS 1401 Flux Remover
3. Make up to operating level with water
4. Heat to operating temperature

PROCESS SEQUENCE

1. Reflow or HASL
2. MFS 1401 Flux remover
3. Rinse
4. Rinse
5. Dry

MAINTENANCE AND CONTROL

Drag-out losses should be replaced with the relative dilution of MFS 1401 Flux Remover.

The solution should be discarded when the performance deteriorates.

DISPOSAL

Dispose of in accordance with local authority requirements.

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PRODUCT FAMILIES

The following products are referred to in this data sheet.

Product Name

Product Number

MFS 1401 Flux Remover

945049

Whilst every endeavour has been made to ensure that the information given in this data sheet is correct, PMD (UK) gives no warranty, express or implied, relating to the use or performance of this product.