

PMD (UK) LTD PROCESS DATA

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MFS1303-01/03

ISSUE 2

PREV 0298

MFS 1303 **COPPER CLEANER**

INTRODUCTION

MFS 1303 Copper Cleaner is a specially formulated cleaner/conditioner for copper which is designed to provide a powerful cleaning action. It is especially useful for removing dry film/developer/soldermask residues in all applications of pcb manufacture.

BENEFITS

Powerful cleaning action removes dry film/developer/soldermask residues.

High detergency removes finger prints and tarnish.

Suitable for use in dip lines at all stages of PCB manufacture.

SOLUTION MAKE-UP

MFS 1303 Copper Cleaner

10-20% v/v with water.

OPERATING DATA

Temperature	20-40 deg C
Time	2 - 4 minutes
Agitation	Gentle work movement preferred.
Extraction	Recommended.

EQUIPMENT

Tanks Polypropylene, unplasticised PVC or Titanium.

Heaters PTFE, Teflon coated or titanium all with thermostatic control.

If in any doubt as to the compatibility of equipment contact PMD (UK) Limited Technical Department.

INSTALLATION

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It is essential that the tanks to be used for MFS 1303 Copper Cleaner are cleaned and leached thoroughly before any product is added.

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

1. Fill the clean empty tank with the appropriate amount of water.
2. Add the MFS 1303 Copper Cleaner and mix thoroughly.
3. Heat to operating temperature.

PROCESS SEQUENCE

1. Clean in MFS 1303 Copper Cleaner.
2. Rinse.
3. Rinse.
4. Continue dependent upon application.

THROUGHPUT

Under optimum processing conditions it is recommended that the bath be discarded after approximately 400 dm² (40 ft²) laminate per litre of working solution has been processed.

DISPOSAL

Dispose of in accordance with local authority requirements.

PRODUCT FAMILIES

The following products or product families are referred to in this data sheet.

<u>Product Name</u>	<u>Product Number</u>
MFS 1303 Copper Cleaner	907031

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