

# PMD (UK) LTD PROCESS DATA

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9331-06/02

ISSUE 3

PREV 2

# PROCIRC 9331

## TIN-LEAD STRIPPER

### INTRODUCTION

Procirc 9331 Tin-Lead Stripper is a single step, high speed, fluoroboric acid based stripper specially developed for the removal of tin or tin-lead from tabs (including re-flowed tin-lead).

### BENEFITS

High speed stripping enables fast processing.

No nitric acid or peroxides present.

Single stage stripper.

High capacity - up to 100 g/l tin-lead.

### SOLUTION MAKE-UP

Procirc 9331 Tin-Lead Stripper - supplied ready for use.

### OPERATING DATA

Concentration	Supplied ready for use.
Temperature	25 - 50°C.
Time	30 seconds – 3 minutes.
Agitation	Recommended.
Extraction	Recommended.

### EQUIPMENT

Tanks Polypropylene, polyethylene, PVC (unplasticised).

NB Do not use metal or glass.

Heating PTFE immersion heaters with thermostatic control.

Cooling PTFE coils working on chilled water.

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### **INSTALLATION**

It is essential that the tanks to be used for Procirc 9331 Tin-Lead Stripper are thoroughly cleaned and leached before any chemistry is introduced.

Contact PMD (UK) Limited Technical Department for appropriate procedure.

1. Fill the clean empty tank with Procirc 9331 Tin-Lead Stripper.
2. Heat to operating temperature.

### **SEQUENCE**

1. Procirc 9331 Tin-Lead Stripper.
2. Rinse.
3. Rinse.
4. Dry.

### **MAINTENANCE AND CONTROL**

Solution drag out losses can be replaced with fresh Procirc 9331 Tin-Lead Stripper.

Change solution when stripping speed becomes unacceptable.

### **ANALYSIS METHODS**

Simple SG determination will indicate dissolution of tin-lead.

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### **DISPOSAL**

Dispose of in accordance with local authority requirements.

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### **PRODUCT FAMILIES**

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

<u>Product Name</u>	<u>Product Number</u>
Procirc 9331 Tin-Lead Stripper	937028

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