

TRI-PREP 4

ALUMINIUM CLEANER

INTRODUCTION

Tri-Prep 4 is an alkaline cleaner which does not etch the aluminium. On extruded aluminium it will remove magnesium oxide and prevent preferential etching. It will also remove polishing compounds from stainless steel and is a suitable mild cleaner for steels and zinc. Complies with DEF STAN 03-2/3 Method B.2(ii)

BENEFITS

- Quickly removes oils and greases
- Non etch on aluminium
- Emulsifies oils
- Non silicated

SOLUTION MAKE-UP

Tri-Prep 4 20g/l

It is essential that the tanks to be used for Tri-Prep 4 are thoroughly cleaned and leached before any chemistry is introduced. If in any doubt as to the cleaning procedure please contact PMD Chemicals Technical Department.

1. Fill tank with water and heat to 60-70°C
2. Add Tri-Prep 4 and stir to dissolve.

OPERATING DATA

Concentration	17 – 23g/l
Titration	14 – 18ml
Temperature	55 – 70°C
Time	5 – 15 mins
Extraction	Recommended

EQUIPMENT

Tanks	Mild steel or plastic lined
Heaters	Mild steel

MAINTENANCE AND CONTROL

The solution should be analysed regularly and replenished as necessary. (See analysis method).

ANALYSIS METHOD

Reagents

0.1M hydrochloric acid
Methyl Orange indicator

Method

1. Pipette 10ml of the bath in to a flask
2. Add 100ml water
3. Add 6-8 drops Methyl Orange indicator
4. Titrate with 0.1M hydrochloric acid to a red endpoint.

Replenishment

For every 1ml below 14 add 1.4g/l Tri-Prep 4.

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
Tri-Prep 4	MP0907-25

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