

PMD (UK) LTD PROCESS DATA

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NU CAN-06/02
ISSUE 3
PREV 2

NUSTRIP CAN STRIPPER

INTRODUCTION

PMD Nustrip CAN has been formulated to strip copper, silver and nickel from ferrous alloys quickly without attack on the base.

It is supplied as a solid which is added to water with cyanide and caustic.

BENEFITS

No attack on base ferrous alloys

Simple immersion process

High Metal Capacity

SOLUTION MAKE-UP

Sodium cyanide	75g/L
Sodium hydroxide	15g/L
PMD Nustrip CAN	30 - 60g/L

OPERATING DATA

Temperature	20 - 65 deg C.
Time	As required
Strip rate	Copper 1-4 μ m/min (30°C) Silver 1-2 μ m/min (30°C) Nickel 0.2-0.8 μ m/min (50°C)
Agitation	Work movement recommended
Extraction	Essential.

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EQUIPMENT

Tanks	Polypropylene, mild steel, stainless steel.
Heaters	PTFE coated, stainless steel, or mild steel with thermostatic control.

INSTALLATION

It is essential that the tanks to be used for PMD Nustrip CAN 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. Half fill tank with water.
2. Add sodium hydroxide carefully and stir to dissolve.
3. Add sodium cyanide and stir to dissolve.
4. Add PMD Nustrip CAN and stir to dissolve.
5. Make up to volume with water.
6. Heat to operating temperature.

PROCESS SEQUENCE

1. PMD Nustrip CAN.
2. Drag out rinse.
3. Rinse.
4. Rinse.
5. Dry.

MAINTENANCE AND CONTROL

The solution may be replenished by adding Nustrip CAN and sodium cyanide in ratio to maintain stripping speed up to total additions of 60g/L Nustrip CAN replenishment.

Discard solution when stripping rate becomes unacceptable.

A typical bath will strip 20-25g/L metal.

DISPOSAL

Dispose of in accordance with local authority requirements.

PRODUCT FAMILIES

The following products are referred to in this data sheet.

<u>Product Name</u>	<u>Product Number</u>
PMD Nustrip CAN	402002

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.