PB ADDITIVE B

NEUTRAL DETERGENT ADDITIVE FOR PAINTBOND PHOSPHATE SYSTEMS. ALSO A NEUTRAL DETERGENT CLEANER

INTRODUCTION

A nitrite-free, concentrated detergent additive and neutral liquid cleaner developed to replace alkali and emulsion cleaners in single or multiple stage power washers. Combining a carefully balanced, low foam synthetic detergent system produces excellent cleaning characteristics.

BENEFITS

- Non-silicated.
- Ideal for multi-metal processing.
- Extremely quick breaking, low foam production.
- Operates over wide temperature range.
- Non staining.
- Easy to control in use.
- Excellent in ultrasonic cleaning operations.

COVERAGE

The consumption rate will depend on the oiliness of the work and the efficiency of the plant. As a rough guide the following has proven useful: Spray Washer –150-180 sq/m per litre.

BATH MAKE-UP

For use in an immersion tank:
For every 1000 litres of bath:

(1) Add approximately 750 litres of water and heat to 40-60 deg C.
(2) Add 20 litres of PB ADDITIVE ‘B’.
(3) Fill to 1000 litres and spray for several minutes to ensure total mixing.

NOTE :- Because foaming can occur at very low temperature, take care when starting pumps.

For use in a Spray Lance:

A typical dilution of approx 1:100 is normal in these machines, if the dilution rate is less than 1:100 a predilution of a stock solution may be required.

SOLUTION CONTROL AND REPLENISHMENT

The bath cannot be controlled by a Pointage Titration, the only control would be to replace losses on a pro-rata basis.

CONTROL POINTS

Temp	20- 50˚C
Time	1 – 5 mins
Pressure	1 – 2 bar (15-30 psi)

RINSING

Normally rinsing and drying is required unless proceeding to a further aqueous operation.

FORCE DRYING

Generally, air drying is sufficient, however warm air may be used if required.

MAINTENANCE

Sludge, formed as a by-product of the phosphating action, will build up as more work is processed. Regular removal of this sludge is necessary in order to maintain satisfactory operating conditions. This is best achieved by allowing the solution to settle, decanting off the clear solution into a holding tank, and removing the settled sludge. Before returning the decanted solution, all scale build up should be removed from the heaters and tank sides.

ENVIRONMENTAL CONSIDERATIONS

PB ADDITIVE ‘B’ contains no VOCs. Discarding of the bath requires temperature below 40˚ C, suspended solids (generally bellow 500 ppm).The pH of the solution will be within the water authorities limits of 6-10.

HEALTH AND SAFETY CONSIDERATIONS

Before use, refer to the Material Safety Data Sheet (MSDS).

PRODUCT FAMILIES

The following products are referred to in this data sheet.

PRODUCT NAME	PRODUCT NUMBER
PB ADDITIVE B	**MP0241**

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