

## TECHNICAL DATA SHEET

### PHOS-PREP® PP975 SPRAY DETERGENT ADDITIVE

**Use:**

To make up the solution carry out the following instructions:  
Clean the tanks and purge if necessary and flush out with clean water.  
Fill the tank 75% full with clean water and heat to the operating temperature.  
Add the main process chemicals, then for each 1000 litres of working solution add:

*Addition per 1000ltrs of working solution*

<b>Phos-Prep® PP975 (general soils)</b>	<b>3.0 litres</b>
<b>Phos-Prep® PP975 (heavy soils)</b>	<b>4.6 litres</b>
<b>Phos-Prep® PP975 (very heavy soils)</b>	<b>7.5 litres</b>

Make up to the normal operating level with clean water. Mix thoroughly and heat to the operating temperature. Please note this product will foam at temperatures below 30°C.

There is no method for testing the additive concentration and it should be added pro-rata with the main process chemical, to maintain effective cleaning.

**Application:**

PHOS-PREP® PP975 spray detergent additive is a sophisticated blend of surfactants specifically formulated for use with spray pre-treatment processes to improve the degreasing capability. It may be used with lightweight iron and zinc phosphates as well as alkaline and acid cleaners.

**VIBRATORY DEBURRING APPLICATION**

PHOS-PREP® PP975 may also be used for use with vibratory deburring machines mass cleaning systems to allow for excellent cleaning of the parts to be obtained the PHOS-PREP® allows for the removal of the oil and broken media particles to be washed away. When processing mild steel add PHOS-PREP® PP 973 at 0.3% to prevent oxidation of the cleaned deburred parts.

**Equipment:**

Tanks and heating equipment may be fabricated from 6mm thick mild steel, double welded inside and out, although for maximum service life, grade 316 S16 stainless steel is to be preferred. The spray nozzles should be constructed from either stainless steel or plastic.

Non-ferrous metals must not be used for equipment that will come into contact with the solution. Extraction is required for heated solutions. There should be adequate clearance between heaters and the bottom of the tank to allow sludge to collect undisturbed.

Automatic water top up or a solution level alarm is recommended to avoid excessive concentration fluctuations due to loss of water through evaporation.

**Product safety data sheet:**

A safety data sheet is available

PHOS-PREP® PP975 is part of the PHOS-PREP® range of products for the treatment of iron, steel and aluminium at low temperatures.

Pre Treatment Solutions Ltd continues to improve the quality and performance of its range of products and reserves the right to modify product formulations without prior notice.

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