

## DETERGENTS

# VIRUDET® BPW

## ACIDIC CLEANER / DESCALER AND RINSE AID FOR USE IN BED PAN WASHERS

Virudet® BPW is a powerful blend of organic acids, surfactants and corrosion inhibitors that is designed for clear rinsing and to prevent the formation of water hardness deposits in bed-pan washers.

Virudet® BPW will speed up the drying phase through the improvement of the free drainage of water by reducing the surface tension on bed-pans, thus preventing the formation of water drying marks/spots and giving a clean, shiny appearance.

In bed-pan washers with a steam generator Virudet® BPW will also prevent the deposition of lime and thus maintaining efficiency of the washer equipment and reducing operational costs.



### Primary features attributable to Virudet® BPW are:

- Powerful acidic rinsing aid.
- Aids the prevention of water deposits on parts and washer equipment.
- Prevents the build up of water scale in automated washer equipment.
- Reduces equipment damage and loss of efficiency.

### Packaging

- 5 L container

Virudet® BPW is ideal for clear-rinsing and prevention of lime deposits in the reprocessing of bed-pans, urine bottles, secretion glasses and other disposal receptacles and utensils.

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### Application

Virudet® BPW should be dosed in the clear rinsing steps of the bed-pan washer equipment.

The recommended dosage is 1 - 1.5ml/L (0.1 - 0.15%)

Virudet® BPW is normally used in automated bed-pan washers during the thermo-disinfection cycle.

A typical cycle is as follows:

| Phase                | Water Type     | Time   | Temp      | Solution     | Dosage                           |
|----------------------|----------------|--------|-----------|--------------|----------------------------------|
| Pre-Wash             | Cold Tap Water | 3 min  |           |              |                                  |
| Wash Step            | Hot Tap Water  | 1 min  | 60°C      | Virudet®+    | 0.2 - 1ml/L<br>or 0.02<br>- 0.1% |
| Thermal Disinfection | Di Water       | 1 min  | 93°C      | Virudet® BPW | 1 - 1.5ml/L<br>or 0.1 -<br>0.15% |
| Drying               |                | 15 min | 110-115°C |              |                                  |

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### Virudet® BPW Properties

- Virudet® BPW is biodegradable.
- Shipping class is non-hazardous.
- Virudet® BPW is intended for machine use only.
- The neat product is classed as being Irritant and contact with skin and eyes should be avoided.
- See Material Safety Data Sheets for details.

|  |                           |
|--|---------------------------|
| <b>Appearance</b>                      | Transparent blue liquid   |
| <b>Odour</b>                           | Slight acidic odour       |
| <b>pH</b>                              | 1.3 units (neat solution) |
|  | 1.8 units (10% solution)  |
|  | 2.7 units (1% solution)   |
| <b>Density g/cm<sup>3</sup> @ 20°C</b> | 1.08 (neat)               |
| <b>Solubility in water</b>             | Completely miscible       |
| <b>Flashpoint (Abel closed cup)</b>    | None                      |



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