



## Virudet® BPW

# An Acidic Cleaner & Rinse Aid for Clear Rinsing and Prevention of Water Hardness Deposits in Bed-pan Washers

### Technical Information

#### **Description & Application:**

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 bedpans, 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:

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#### **Applications**

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

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#### **Compatibility**

Virudet BPW is compatible with stainless steel, chromium plated metals, plastics, glass and ceramic surfaces. It should only be used in acid resistant dosing systems. The suitability of parts made from other materials should be tested prior to use with Virudet BPW. Bed-pan washers with copper piping should be processed using Virudet NDA.

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**Infection  
Controlled**

## **Health and Safety**

Virudet BPW is biodegradable.

The neat product is classed as being Dangerous being corrosive to skin and eyes. Contact with skin and eyes should be avoided.

See Safety Data Sheets for details.

## **Typical Properties**

Appearance	Transparent Blue liquid
Odour	Slight acidic odour
pH,	1.3 units (neat solution) 1.8 units (10% solution) 2.7 units (1% solution)
Density, g/cm <sup>3</sup> @ 20 °C	1.08 (neat)
Solubility in water	Complete
Flash Point (Abel closed cup)	None

**Shelf Life:** Concentrate – Not less than 3 years in unopened original containers when stored between 5 °C and 25 °C out of direct sunlight.

## **Directions for Use**

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

The recommended dosage dependant on the hardness of the water used and may be derived by reference to the table below:

<b>Total Water Hardness</b>			<b>Virudet BPW Dosage</b>
as CaCO <sub>3</sub> , ppm	As German Degrees (°dH)	As French Degrees (°fH)	
0 to 125	0 to 7	0 to 12	1.0 ml/L
125 to 270	7 to 15	12 to 27	1.5 ml/L
270 to 450	15 o 25	27 to 45	2.0 ml/L

### **Application:**

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	Detergent	dosage
Pre-wash	Cold tap water	0.5 min	-	-	-
Wash	Hot water	1 min	60°C	Virudet+	3ml/L or 0.3%
Rinse	Hot water	2 min	60 to 90 °C	-	-
Thermo-disinfection	DI water	0.5 min	93°C	Virudet BPW	1ml/L or 0.1%**

\*\* Dependant on hardness of water – see table above

## **CONTACT DETAILS:**

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For any further information, please contact either Amity Ltd. or your local distributor.

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## **Packaging Details:**

Virudet BPW is available in the following packaging.

- 1 L container (available on request)
- 5 L container
- 10 L container
- 20 L container (available on request)
- 210 L drum (available on request)
- 1000 L IBC container (available on request)