

## DETERGENTS

# VIRUDET® ECO

## ALKALINE DETERGENT CLEANER FOR MEDICAL INSTRUMENTS AND UTENSILS

Virudet® Eco is an alkaline detergent cleaner that is specially designed for automated decontamination of medical devices such as surgical instruments, anaesthetic and breathing utensils, MIS and MIC instruments, OR shoes, trollies, stainless steel containers and any aluminium components.

Virudet® Eco is a highly effective and safe process for the cleaning against a wide range of protein and organic contaminants from surfaces, including dried on blood and tissue.

Virudet® Eco is CE marked as a Class I medical Device

Virudet® Eco has an effective cleaning action in ultrasonic and automated washer / cleaning equipment.



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

- Aluminium safe.
- Reduces DI/RO water usage.
- NTA & EDTA free.
- Excellent material compatibility.
- Non-fixative.
- Non-corrosive.
- Cost effective.
- No neutralizer required.
- High cleaning power at low dosage levels.
- Reduced wash time - typical 5 minutes.

### Packaging

- 1 L container
- 5 L container
- 10 L container
- 25 L container
- 200 L drum
- 1,000 L IBC

**Virudet® Eco - a powerful alkaline cleaning agent that is ideal for ultrasonic and automated reprocessing of medical devices.**

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### Application

#### **For Ultrasonic Cleaning of instruments and equipment:**

For cleaning applications, dilute 2-4ml Virudet® Eco in 1 litre water (i.e. a 0.2 - 0.4% solution)

**Note** Greater strengths of up to 0.4% Virudet® Eco (i.e. 1 part in 250 parts water) may be used where high levels of contaminants or where difficult or hazardous contaminants may be present.

#### **For Automated Cleaning of Instruments and Equipment:**

Injectors should be adjusted to deliver at 2 - 4 ml per litre of water (i.e. 0.2 - 0.4% solution).

Phase	Water Type	Time	Temp	Solution	Dosage
Pre-Wash	Cold Tap water	3 mins			
Wash	Hot Tap Water	5 mins	60-80°C	Virudet® Eco	2-4ml/L or 0.2-0.4%
Rinse	Hot Tap Water	1 min		<i>neutralisation use Virudet CR</i>	<i>0.5-1.5ml/L</i>
Rinse	Cold Tap Water	1 min			
Thermo disinfection	DI water	1 min	93°C	Virudet® NDA	0.1-0.5ml/L or 0.01-0.05%
Drying		15 min	110-115°C		

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### Virudet® ECO Properties

- Virudet® Eco is biodegradable.
- Virudet® Eco is intended for machine use only.
- The neat product is classed as being corrosive and contact with skin and eyes should be avoided.
- See Material Safety Data Sheets for details.

<b>Appearance</b>	Clear pale straw liquid
<b>Odour</b>	Slight detergent odour
<b>pH</b>	13.5 units (neat solution)
	11.9 units (1 % solution)
	11.4 units (0.4% solution)
<b>Density g/cm<sup>3</sup> @ 20°C</b>	1.06 - 1.08 (neat)
<b>Solubility in water</b>	Completely miscible
<b>Flashpoint (Abel closed cup)</b>	None



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