

## DETERGENTS

# VIRUDET® + ALKALINE DETERGENT CLEANER FOR MEDICAL INSTRUMENTS AND UTENSILS

Virudet®+ 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 and stainless steel containers.

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

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

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

- Reduces DI/RO water usage.
- NTA & EDTA free.
- Excellent material compatibility.
- Non-fixative.
- Prevents re-deposition of contaminants, water mark staining and reduces dulling.
- Cost effective.
- No neutralizer required.
- High cleaning power at low dosage levels.
- Reduced wash time (typical 5 minutes).



### Packaging

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



**Virudet®+ 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 1 part Virudet®+ concentrate in 200 parts water (i.e. a 0.5% solution)

Note Greater strengths of up to 1% Virudet®+ (i.e. 1 part in 100 parts water) may be used where high levels of contaminants or where difficult or hazardous contaminants may be present.

Soak parts for between 5 and 15 minutes in the diluted Virudet+ solution at between 50°C to 60°C (allow longer times up to 15 minutes when dealing with dried on proteinaceous deposits).

**Note:** soak times may vary according to the temperature used and the nature of the contaminants After soaking, rinse off thoroughly with clean water (temperature > 40°C) and transfer to the next cleaning stage e.g. washer/disinfector.

#### **Automated Cleaning:**

Phase	Water Type	Time	Temp	Solution	Dosage
Pre-Wash	Cold Tap Water	3 min			
Wash Step	Hot Tap Water	5 min	60-80°C	Virudet+	2 - 5ml/L or 0.2 - 0.5%
Rinse	Hot Water	1 min			
Rinse	DI or RO Water	1 min			
Thermal Disinfection	DI or RO Water	1 min	93°C	Virudet NDA	0.1 - 0.5ml/L or 0.01 - 0.05%
Drying		15 min	115°C		

## VIRUDET®+ ALKALINE DETERGENT CLEANER FOR MEDICAL INSTRUMENTS AND UTENSILS

### Virudet®+ Properties

Virudet®+ is biodegradable.

Shipping class is non-hazardous.

Virudet®+ 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.

Appearance	Clear pale yellow liquid
Odour	Odourless
pH	12.6 units (neat solution)
	11.9 units (10% solution)
	11.5 units (1% solution)
Density g/cm <sup>3</sup> @ 20°C	1.43 (neat)
Solubility in water	Completely miscible
Flashpoint (Abel closed cup)	None



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