

## DETERGENTS

# VIRUDET® N MANUAL

## A NEUTRAL LOW-FOAM CLEANER FOR MANUAL APPLICATIONS

Virudet® N Manual is for use in manual cleaning. It is a neutral, concentrated detergent with a wide material compatibility which gently removes blood, proteins, mucus and tissue residues.

This chemistry has been specially developed for the gentle cleaning of delicate surgical instruments, utensils, anaesthesia and endoscope material, allowing simultaneous reprocessing of instruments made of different materials. It has optimal cleaning performance in all temperatures of water and can be used for the following: stainless steel instruments (scalpels, tweezers etc.), articulated instruments (scissors, clamps etc.), ward utensils (bowls, feeding bottles etc.), anaesthesia utensils (breathing balloons, tubes etc.), shoes of the surgical team, transport containers made of stainless steel as well as aluminium and endoscopes.



### Primary features attributable to Virudet® N Manual are:

- Neutral low-foam detergent cleaner.
- Suitable for removal of contaminants from sensitive instrument materials .
- Uses a blend of complexing and sequestering agents, detergents and corrosion inhibitors that are effective in hard and soft water areas.
- Reduced instrument damage and repair.
- Excellent material compatibility
- Non-fixative.
- Prevents re-deposition of contaminants and water mark staining.
- Non-corrosive, will not damage delicate coatings.
- Cost effective.
- Can be used with tap water(saves DI/RO water cost).
- Can be used without neutralizer.
- Good cleaning power even at low dosage.

### Packaging

- 1 L Dosing Bottle
- 5 L container



Virudet® N Manual is for use in all types of manual cleaning.

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### Application

Virudet® N Manual is supplied as a concentrated product and should be diluted prior to use.

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

For cleaning applications, dilute 1 part Virudet® N Manual in 100 - 200 parts water (i.e. a 0.5 - 1% solution; 10ml/L). Soak parts for between 5 and 15 minutes in the diluted Virudet® N solution at between 20°C to 40°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) or transfer to the next cleaning stage e.g. manual cleaning, washer/disinfector or ultrasonic equipment.

## VIRUDET® N MANUAL A NEUTRAL LOW-FOAM CLEANER.

### Virudet® N Manual Properties

- Virudet® N Manual is biodegradable.
- The product is classed as non-hazardous in diluted forms, however contact with skin and eyes should be avoided.
- See Material Safety Data Sheets for details.

<b>Appearance</b>	clear liquid
<b>Odour</b>	Odourless
<b>pH</b>	8.2 units (neat solution) 7.3 units (1% solution)
<b>Density g/cm<sup>3</sup> @ 20°C</b>	1.03 (neat)
<b>Solubility in water</b>	Completely miscible
<b>Flashpoint (Abel closed cup)</b>	None



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