

DETERGENTS

VIRUDET SUPER CONCENTRATE

SUPER CONCENTRATED ALKALINE DETERGENT CLEANER FOR MEDICAL INSTRUMENTS AND UTENSILS

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

Virudet® Super Concentrate is CE marked as a Class I medical Device

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



Primary features attributable to Virudet® Super Concentrate are:

- Reduced product consumption.
- Reduced carbon footprint.
- Aluminium safe.
- Reduces DI/RO water usage.
- NTA & EDTA free.
- Excellent material compatibility.
- Non-fixative.
- Non-corrosive at in use dilution.
- 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® Super Concentrate - 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® Super Concentrate in 1000 parts water (i.e. a 0.1% solution)
Note Greater strengths of up to 0.2% Virudet® Super Concentrate (i.e. 1 part in 500 parts water) may be used where high levels of contaminants or where difficult or hazardous contaminants may be present.

Soak parts for between 1 and 10 minutes in the diluted Virudet® Super Concentrate 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.

For Automated Cleaning of Instruments and Equipment:

Injectors should be adjusted to deliver at 0.1-1ml per litre of water (i.e. 0.02-0.1% solution). The recommended cleaning cycle is set out below:

| Phase | Water Type | Time | Temp | Solution | Dosage |
|---------------------|----------------|--------|---------|-------------------------------|-------------------------------|
| Pre-Wash | Cold Tap water | 3 mins | | | |
| Wash | Hot Tap Water | 5 mins | 50-70°C | Virudet® SC | 0.2 - 1ml/L or 0.02 - 0.1% |
| Rinse | Hot Tap Water | 1 min | | neutralisation use Virudet CR | 0.5-1.5ml/L |
| 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% |

VIRUDET® SUPER CONCENTRATE

Super Concentrated Alkaline Detergent Cleaner for Medical Instruments and Utensils

Virudet® Super Concentrate Properties

- Virudet® Super Concentrate is biodegradable.
- Virudet® Super Concentrate 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.

| | |
|----------------------------------|----------------------------|
| Appearance | Clear Pale Brown liquid |
| Odour | Slight detergent odour |
| pH | 12.6 units (1% solution) |
| | 11.4 units (0.1% solution) |
| Density g/cm ³ @ 20°C | 1.34 (neat) |
| Solubility in water | Completely miscible |
| Flashpoint (Abel closed cup) | None |



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