

ENZYMATICS

VIRUZYME® PCD

FOR MANUAL/ULTRASONIC CLEANING & DISINFECTION OF INSTRUMENTS AND EQUIPMENT

Viruzyme® PCD is a new high level disinfectant and biological detergent using a blend of three enzymes, Didecylmethylpoly (oxyethyl)-Ammonium Propionate (DMPAP), Bis (3-aminopropyl) dodecylamine with synergistic surfactants that is designed for the manual and ultrasonic decontamination of medical, surgical, dental and endoscopic instruments; removes high levels of proteins, fats and other organic material from instruments and equipment. Its triple enzyme formulation dissolves and removes all types of protein and organic material, even dried on blood and tissue.

Viruzyme® PCD formulation is a highly effective and safe process for the manual and ultrasonic pre-disinfection and cleaning of endoscopes, medical, dental and delicate instruments.

Viruzyme® PCD is registered as a Class IIb medical Device.

Viruzyme® PCD is safe to use on all instrument surfaces.



Primary features attributable to Viruzyme® PCD are:

- Highly effective disinfectant and biological cleaner.
- Uses a blend of protease, amylase and lipase enzymes with Didecylmethylpoly (oxyethyl)-Ammonium Propionate (DMPAP) and Bis (3-aminopropyl) dodecylamine.
- Pleasant odour.
- Excellent material compatibility.
- Non-fixative.
- Non-corrosive.
- Compatible with hard water.
- Free rinsing.

Packaging

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



Viruzyme® PCD - A biological cleaner using a blend of proteolytic enzymes with synergistic surfactants with disinfectant, designed for manual and ultrasonic decontamination

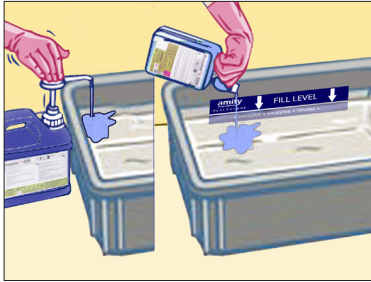
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Viruzyme® PCD Microbiological Properties

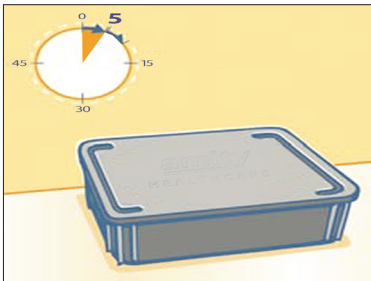
Active Against	Standards	Contact Time
Mycobacteria	EN14348	5 Minutes
	Mycobacterium terrae	5 Minutes
	Mycobacterium avium	5 Minutes
	EN14563	5 Minutes
Bacteria	Mycobacterium terrae	5 Minutes
	Mycobacterium avium	5 Minutes
Bacteria	EN13727,	5 Minutes
	EN14561	5 Minutes
Viruses	EN 14476	5 Minutes
	HIV, Hep B & C	5 Minutes
Fungi / Yeasts	EN 13624, EN14562	5 Minutes

Application

For cleaning / HLD (High Level Disinfection)



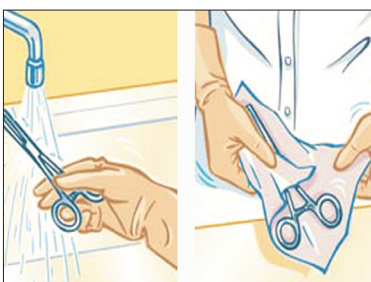
1. Dilute 1 part Viruzyme® PCD concentrate in 200 parts clean water (i.e. a 0.5% solution) or 5ml/ Litre.



2. Soak parts for 5 minutes in the diluted Viruzyme® PCD solution (allow 3 minutes if using ultrasonic agitation) using a solution temperature of between 20°C and 40°C. Ensure that all spaces and recesses are completely filled with cleaning fluid and no air pockets exist.



3. Clean all parts thoroughly, washing, brushing and scrubbing depending on tenaciousness of deposits.



4. Rinse and prepare for next phase of the decontamination process.

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Viruzyme® Properties

Viruzyme® PCD is biodegradable.

Viruzyme® PCD is certified as being non-hazardous when diluted and used according to the specified user directions.

The neat product is classed as being Irritant and contact with skin and eyes should be avoided.

The organisms used in the formulation are naturally occurring and are known to be nonpathogenic to humans and animals.

See Material Safety Data Sheets for details.

Appearance	Clear blue coloured liquid
Odour	Pleasant Odour
pH	8.5 units (neat)
Density g/cm ³ @ 20°C	1.07 (neat)
Solubility in water	Completely miscible
Flashpoint (Abel closed cup)	None



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