



PRODUCT DATA SHEET

Multi-Enzymatic Cleaning Detergent for Endoscopes



DESCRIPTION

A highly active pre-soak and cleaner with refined enzyme formula, which efficiently removes blood, tissue, mucus and other contamination from surfaces of endoscopes and other medical instruments.

INTEND USAGE

Automatic and manual pretreatment and cleaning operations for endoscopes, medical instruments prior to disinfecting or sterilization procedures

PROPERTIES

- Dissolves the biofilms on the inner and outer surfaces of the instruments and effectively inhibits biofilm regeneration
- Specially designed for endoscopes, refined enzyme formula dissolves and removes blood, tissue, mucus and other contamination from lumens and irregular surface instruments
- Neutral pH allows safe use with most materials
- Non-toxic, all components are biodegradable and eco-friendly

Removal Biofilms Test Report

Test Item		Medium Solution	Dilution Method Contact time	Removal Result
Pseudomonas aeruginosa ATCC 15442				
Pseudomonas aeruginosa ATCC 15442	Bacteria Count	TSB	1:200 Wash - 100ml/min 5mins	>90%
	ATP Value Decreased	TSB	1:200 Wash - 100ml/min 5mins	>90%

According to T/WSJD 002-2019 “Hygienic standard for medical detergent”



INSTRUCTIONS FOR USE

1. Dilution before use:

[Light soiling]: Dilute 2-3.3ml per litre of water

[Medium soiling]: Dilute 3.3-5ml per litre of water

[Heavy soiling]: Dilute 5-10ml per litre of water

[Dried soiling]: Dilute 20ml per litre of water

2. In immersion

[Manual]: Completely immerse the endoscope, buttons and valves in the proportioning solution for 2-5 minutes, wipe and brush all the pipes.

[Machine]: Automatic cleaning process for 2-10 minutes setting.

3. Dilution for removing biofilms: 1:200(5ml per litre water) 5 minutes, applicable for both manual and machine cleaning process(Suggested water temperature: 35-45°C)

4. Suggested water temperature: 30-45°C, the higher temperature, the better effect.

PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Transparent yellow solution
- Composition: Protease, amylase, lipase, cellulase, nonionic surfactants, corrosion inhibitor , and enzyme protection agents
- pH: 7.0 ±0.5
- Aerobic bacterial: <10CFU/mL
- Coliform bacterial: <10CFU/mL
- SVHC: NA
- Shelf life: 2 years

TRANSPORTATION AND STORAGE CONDITIONS

- During transportation: handle with care, do not turn upside down.
- Store in cool, dry conditions in well-sealed receptacles.
- Protect from heat and direct sunlight.
- Recommended storage temperature: 10°C-30°C.

PACKAGING

- 1L/canister, 12 canisters/carton
- 5L/canister, 4 canisters/carton

STANDARD

Q/DLE 001

