

Neutral Enzymatic Cleaner

Order details: 5 / 10 / 20 / 210 / 1,000 litres



A neutral enzymatic cleaner for automated and manual cleaning

For the easy removal of blood, proteins and grease.

This chemical has been specially developed for the gentle cleaning of delicate surgical instruments, utensils, anaesthesia and endoscope equipment, and its neutral pH formula allows for simultaneous reprocessing of instruments made of different materials.

It is specially formulated to remove difficult-to-clean deposits found on surgical instruments, flexible endoscopes and reusable medical devices.

This low-foaming cleaner combines the forces of enzyme hydrolysis to attack protein deposits found on soiled instrument surfaces, with a surfactant system that physically removes and suspends deposits.

Belimed Protect™ CLEAN NE removes biofilm in accordance with EN ISO15883-4:2018, making it particularly effective for the removal of protein and organic contaminants from sensitive surfaces, including dried on blood and tissue.

Belimed Protect™ CLEAN NE is registered as a Class I medical device.

Applications

Belimed Protect™ CLEAN NE is ideal for removing bioburden from medical instruments, endoscopes and other equipment, including those with delicate or sensitive surfaces that are used in hospitals, health centres, dentist offices and laboratories.

For Flexible Endoscope Reprocessing

Wear appropriate personal protective equipment (PPE) and follow the reprocessing recommendations of the endoscope manufacturer.

1. Pre-clean in the examination room immediately after the examination.
2. Thoroughly manually clean in the reprocessing room, followed by a thorough rinse with water.
3. Machine reprocess in an automated endoscope reprocessor (AER).
Recommended for use in all Belimed AERs.
For automated cleaning:
Belimed Protect™ CLEAN MAE
Belimed Protect™ CLEAN NE
For automated chemical disinfection:
Helimatic® Disinfectant
Belimed Protect™ PAA 15
Allow to dry completely, then proceed with low-temperature sterilization (if available and required).
4. Store according to the specifications of your health care facility (e.g. storage/drying cabinet).

ITS PRIMARY FEATURES

- Powerful neutral enzymatic cleaning – easily removes dried-on blood and secretions
- pH-neutral – excellent material compatibility and safe for use with flexible endoscopes
- Low-foaming – suitable for manual and automated cleaning, including ultrasonic baths
- Cleans without leaving residue
- Uses a blend of 3 enzymes (protease, amylase and lipase), complexing and sequestering agents, detergents and corrosion inhibitors that are effective in hard and soft water
- Prevents re-deposition of contaminants and water mark staining
- Non-corrosive, will not damage delicate coatings

Directions for use

Please follow the manufacturer's recommendations for the reprocessing of medical devices according to EN ISO 17664. For more details regarding instrument reprocessing, please visit www.a-k-i.org.

General

Enzyme activity increases with increased water temperature up to a maximum temperature of 60 °C.

Do not add other cleaning agents to the Belimed Protect™ CLEAN NE solution, as they can seriously impair the cleaning performance.

Product Description	Belimed Protect™ CLEAN NE
Dilution	For WD: 1–5 ml/l For ultrasonic/manual use: 2–10 ml/ Slightly soiled: 2 – 3 ml/l Moderately soiled: 4 – 6 ml/l Heavily soiled: 7 – 10 ml/l
Operational temperature	30–60 °C
Exposure time	5–10 min
CE Mark	Fulfils the requirements of European Regulation (EU) 2017/745
Appearance	Yellowish liquid
pH	8 (neat solution)
Storage conditions	5–25 °C
Shelf life	24 months
Disposal instructions	See Safety Data Sheet

Product properties overview

This table is for guidance only.

	Intended use								Microbicidal spectrum						pH value*		
	Medical device cleaning	Medical device disinfection	Medical device maintenance/care	Bedpan machine cleaning	For glassware	For thermolabile instruments	For flexible endoscopes	Manual reprocessing of medical devices	Bactericidal (all vegetative bacteria incl. multi-resistant bacteria, e.g. MRSA, VRE or ESBL)	Levurocidal (yeasts)	Fungicidal (fungi)	Mycobactericidal (e.g. tuberculosis bacteria)	Virucidal for enveloped viruses (incl. HBV, HCV and HIV)	Fully virucidal (enveloped and nonenveloped viruses, e.g. papillomavirus or parvovirus)	Mild alkaline	Neutral	Acidic
Belimed Protect™ CLEAN																	
CLEAN MAE	•				•	•	•	•							•		
CLEAN NE	•				•	•	•	•								•	
CLEAN MA	•				•	•									•		
CLEAN Pre Treat	•		•		•										•		
Belimed Protect™ SAFE																	
Helimatic® Disinfectant		•				•	•		•	•	•	•	•	•		•	
Cleaner and Disinfectant	•	•							•	•		•	•			•	
PAA 15		•				•	•		•	•	•	•	•	•			•
Belimed Protect™ NEUTRA																	
NEUTRA-1			•		•												•
Belimed Protect™ BRIGHT																	
BRIGHT RDA			•		•											•	
BRIGHT BP				•													•
Belimed Protect™ CARE																	
CARE Lubricant WD			•													•	
CARE SR			•														•

* Ready-to-use solution

Disposal of spent solutions

Flush to drain with copious water or soak up onto an inert material and dispose of with clinical waste. Product is biodegradable under OECD conditions.

Health and safety

- Belimed Protect™ CLEAN NE is biodegradable.
- Belimed Protect™ CLEAN NE is certified as non-hazardous when diluted and used according to the specified user directions.
- The enzymes used in the formulation are naturally occurring and are known to be non-pathogenic to humans and animals.
- See Safety Data Sheets for details.

Associated products and services

The Belimed Protect™ range of chemicals has been developed and validated with Belimed washer-disinfectors and AERs to meet the cleaning efficacy requirements of medical devices according to the consistent and repeatable standards outlined in EN ISO 15883. For further support regarding the optimization of your cleaning process and/or troubleshooting, please contact your local Belimed representative.

SYMBOLS AND COLOUR CODING SYSTEM

Symbols – recommended use



For automated reprocessing in WDs and AERs



For manual reprocessing



Safe for use with flexible endoscopes

Colour coding system – product category



For cleaning



For rinsing and drying



For disinfecting



For maintenance and care



For neutralizing



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