

BIO CLEANING SOLUTIONS

Odorite All-in-One Enzyme Surgical Instrument

Cleaner 100 x concentrate Blue

South African Health Products Regulatory Authority Licence Number MBF G0034

Odorite All-in-One Enzyme Surgical Instrument Cleaner is a premium four (quad) enzyme cleaning product that eliminates organics on surgical instruments.

Multi-enzyme detergent – pre-disinfection agent



Odorite All-in-One Enzyme Surgical Instrument Cleaner is a pre-treatment cleaning agent for recovering all reusable, immersible (surgical/medical) instruments **before disinfection.**

The multi-enzyme action provides rapid results when used in soaking trays, ultrasonic baths, or scope washing units.

Safety:

Odorite All-in-One Enzyme Surgical Instrument Cleaner is non-toxic, and all ingredients are biodegradable. It is free from aldehydes, chlorine, or any known carcinogenic agents.

DATA SHEET

Benefits	Features
<ul style="list-style-type: none">Removes blood, fat, carbohydrates, starches, and proteins from surgical instruments and scopes in as little as 5 minutes.The product is designed to clean under challenging conditions where instruments are heavily contaminated, functions in soft and hard water conditions, and is effective in cold water systems (minimum 10C – max 40C).Reduces bacterial burden before disinfection and leaves instruments clean and bright.Leaves scopes and instruments free of any unpleasant odours.	<ul style="list-style-type: none">Rapid cleaningNeutral pHFree rinsingAll ingredients are biodegradable.Safe for all surgical instruments and scopesConcentratedLow foam detergent formulaEasy to rinse.Ease of useSafe for operatorWill not harm metals, plastic, rubber, or insertion tubes.Economical

Product Characteristics

Odorite All-in-One Enzyme Surgical Instrument Cleaner contains the following enzymes:

- ✓ **Protease** – breaks down proteins (e.g., meat, excreted/secreted proteins) into amino acids. Protease Activity: 68000 APU/gm
- ✓ **Lipase** – breaks down fats/grease into fatty acids and glycerol. If not broken down, fats can go rancid and lead to off-odours and blocked drains/fat grease traps. Lipase Activity: 72000 BLU/gm
- ✓ **Amylase** – starch acts as a glue for dirt – amylases catalyse the breakdown of starch into sugars, which are then further used as a food source by the bacillus. Amylase Activity: 8000 BAU/gm
- ✓ **Cellulase** – breaks down cellulosic material. Cellulase Activity: 4000 ACU/gm
- ✓ **Plant-based anionic and ionic surfactants, rust inhibitors, and natural preservatives.**

Dilution guidelines:

1 Litre of concentrate makes 100 L of ready to use solution.

- Liquid Concentrate : 5 L & 25 LJs
- Dilution Rate : 10 ml liquid concentrate per litre of water
- Scopewasher unit : Set program at 10 ml concentrate per 1 litre water.
- Manual soaking : 10ml concentrate to 1 litre of water
- Ultrasound bath : 10ml concentrate to 1 litre of water

IMPORTANT : DO NOT EXCEED THE DILUTION RATE ALWAYS DISINFECT AFTER CLEANING

Directions for Use:

- Dissolve **Odorite All-in-One Enzyme Surgical Instrument Cleaner** in cold water to the recommended dilution rate (10 ml/liter)
- For manual and ultrasonic baths, completely immerse instruments into the solution for a minimum of 5 minutes.
- On removal, rinse instruments thoroughly in clean water.
- Discard prepared solution daily or earlier if the solution is heavily soiled.
- Washing machine units for scopes should be programmed to discard cleaning solution to waste after each cleaning procedure.
- A second and short final rinse using demineralised water is recommended with manual cleaning technique.

Chemical composition:

- Non-ionic and anionic surfactants
- Detergent system
- Multi-enzymes
- Buffer
- Stabiliser, anti-corrosion agents.

Notes:

- **Odorite All-in-One Enzyme Surgical Instrument Cleaner** contains anti-corrosion factors but contact corrosion should be avoided by separated stainless steel from non-stainless-steel instruments and treated separately.
- For professional use only.
- Liquid concentrates to be diluted before use.
- Irritating to the eyes.
- Avoid contact with skin and eyes.
- Wear suitable gloves according to standard procedure.
- Store in dry conditions.
- Unsuitable for use with aluminum.

Supplementary advice:

- **Odorite All-in-One Enzyme Surgical Instrument Cleaner** is suitable for use with flexible and rigid scopes and used with standard brushing procedures with manual cleaning techniques.
- **Surgical instruments should ideally be pouched after cleaning and before autoclaving or after disinfection treatment.**
- **Scopes should be stored in pouches of suitable length and closure after disinfection procedure.**
- Sponges and wipes should be used as supplementary cleaning devices.

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Cleaner. Greener. Smarter.



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