



BIO-TORQ

Surgical Instrument Cleaner

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BIO-TORQ Surgical Instrument Cleaner

A premium four enzyme cleaning product that eliminates organics found on surgical instruments Multi-enzyme detergent – pre-disinfection agent **BIO-TORQ Surgical Instrument Cleaner** is a pre-treatment cleaning agent for use in recovering all reusable, immersible (surgical/medical) instruments prior to disinfection. The multi-enzyme action provides rapid results when used in soaking trays, ultrasonic baths or scope washing units.

Safety: BIO-TORQ Surgical Instrument Cleaner is non-toxic and all ingredients are biodegradable. As such, 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 difficult conditions where instruments are heavily contaminated, functions in both soft and hard water conditions and is effective in cold water systems (minimum 10C – max 40C).Reduces bacterial burden prior to 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 biodegradableSafe for all surgical instruments and scopesConcentratedLow foam detergent formulaEasy to rinseEase of useSafe for operatorWill not harm any metals, plastic, rubber or insertion tubesEconomical

Dilution guidelines:

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

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

IMPORTANT: DO NOT EXCEED DILUTION RATE

Directions for Use:

- Dissolve **BIO-TORQ Surgical Instrument Cleaner** in cold water to the recommended dilution rate (10 ml/litre)
- 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 on a daily basis or earlier if solution is heavily soiled
- Washing machine units for scopes should be programmed to discard cleaning solution to waste after each set period of 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:

- **BIO-TORQ 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 prior to 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 aluminium

Supplementary advice:

- **BIO-TORQ Surgical Instrument Cleaner** is suitable for use with flexible and rigid scopes and designed for use with standard brushing procedure with manual cleaning techniques
- Surgical instruments should ideally be pouched after cleaning and prior to 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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