

Steril-C

**Decontamination, disinfection
and cold sterilization
of all surgical instruments**

**ACTS IN ONLY
10 MINUTES!**



- **SAFE**
- **RAPID ACTION AGAINST:**
BACTERIA
MYCOBACTERIA
FUNGI
VIRUSES
(INCLUDING HIV, HBV AND HCV)
SPORES
- **NOT CORROSIVE**
- **BIODEGRADABLE**

**ALSO IN CONVENIENT
SINGLE DOSE CANS**

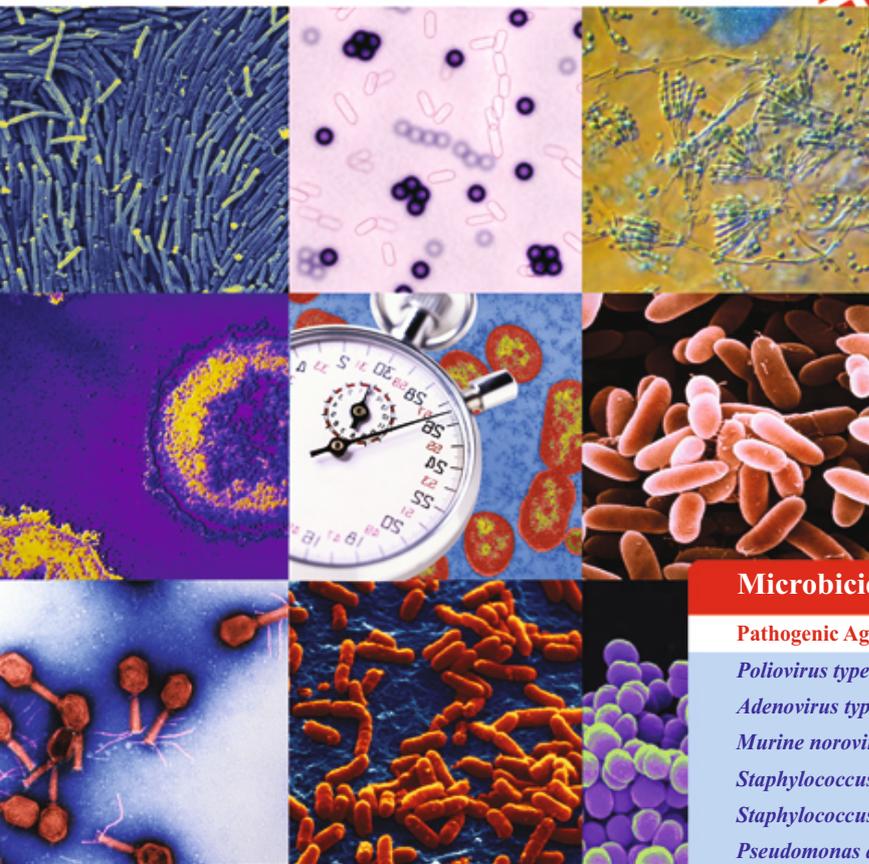
Usage



Steril-C is a powder product, hydrosoluble, with an alkaline-neutral pH, for the decontamination, disinfection and cold sterilization, with contemporary detergent action on:

- all surgical instruments;
- fibre optical instruments, such as rigid and flexible endoscopes (for bronchoscopy, laryngoscopy, arthroscopy, cystoscopy, laparoscopy, hysteroscopy, gastroscopy, colonoscopy, ecoendoscopy);
- intraoperative and echocardiographic probes;
- respiratory tubes and anesthesia instruments;
- dental equipment and hydraulic circuits of dental units;
- beauty and podology instruments.

Action



Steril-C acts effectively, in only 10 minutes, with a wide microbicidal range, eliminating bacteria, mycobacteria, fungi, spores and viruses (including HIV, HBV and HCV).

Microbicidal activity of STERIL-C

Pathogenic Agent

- Poliovirus type 1* LSc-2ab (for HIV)
- Adenovirus type 5* ATCC VR-5 (for HBV and HCV)
- Murine norovirus strain S99*, RVB-651
- Staphylococcus aureus* ATCC 6538
- Staphylococcus aureus* MRSA NRL/ST 13/760
- Pseudomonas aeruginosa* ATCC 15442
- Enterococcus hirae* ATCC 10541
- Escherichia coli* ATCC 10536
- Mycobacterium terrae* ATCC 15755
- Mycobacterium avium* ATCC 15769
- Candida albicans* ATCC 10231
- Aspergillus niger* ATCC 16404
- Bacillus subtilis* ATCC 6633
- Bacillus cereus* ATCC 12826
- Clostridium sporogenes* ATCC 19404



Mechanisms

When **Steril-C** is dissolved in lukewarm tap water, it generates a chemical reaction leading to the formation of active ingredients composed of peracetyl and hydroperoxy ions which, by synergy, allow a bactericidal, mycobactericidal, fungicidal, virucidal and sporicidal activity in only 10 minutes. The presence of an anionic surface-active agent also allows contact with each phospholipidic membrane, favouring the penetration of the active ingredient into the cellular structure and the destruction of all forms of microbial life, even if organic material is present (blood, pus, urine, stools).



Advantages

• BIODEGRADABILITY AND DISPOSAL CONSIDERATIONS

The **Steril-C** solution is biodegradable and therefore used solutions can be eliminated directly into the normal drains, without any special precaution or additional cost.

• COMPATIBILITY

The presence, in the formulation of **Steril-C**, of stabilizers and corrosion inhibitors, together with an alkaline-neutral pH, allows compatibility of **Steril-C** with rigid and flexible endoscopes and with materials of which the medical instruments are made.

• SAFETY

Steril-C does not contain aldehyde, and is not toxic for patients and users.

• HANDLING

Steril-C, available in various sizes, allows a preparation of quantities of solution extremely easily and quickly, without any wastage.

Composition (for 100 g of powder)

Sodium percarbonate	Oxidizing agent: reacts with TAED present in the compound, forming peracetyl ions in a water solution.	>40 g
TAED (tetraacetylenediamine)	Percarbonate Activator in a water solution.	>25 g
Other components:		
Organic acid, anionic surface-active agent, stabilizers and corrosion inhibitors		up to 100 g

Dosage and Use

A 2% solution (20 grammes/litre) has a cold sterilizing action.

A 1% solution (10 grammes/litre) has a decontaminating and disinfecting action.

Preparation of liquid solution:

- pour the necessary quantity of lukewarm water into a container;
- add the required quantity of powder according to the action to be carried out (decontaminating / disinfecting action or sterilizing action);
- mix for 2-3 minutes until the powder is dissolved.

The solution is ready to be used after a few minutes.

Quality control

Steril-C is produced in accordance with Quality Management System rules UNI EN ISO 9001 and UNI EN ISO 13485.

Steril-C is a class IIb medical device, according to Directive 93/42/EEC and following modifications. Notified Body CE_{0373} National Health Institute.



Packaging

- 20 g cans
- 50 g cans
- 100 g cans
- 500 g canisters
- 1 Kg canisters
- 5 Kg buckets

Maker:

 **Steril-4 s.r.l.**
for the sterilization of surgical instruments

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UNI EN ISO 9001:2015
UNI EN ISO 13485:2016



Distributor: