

# 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

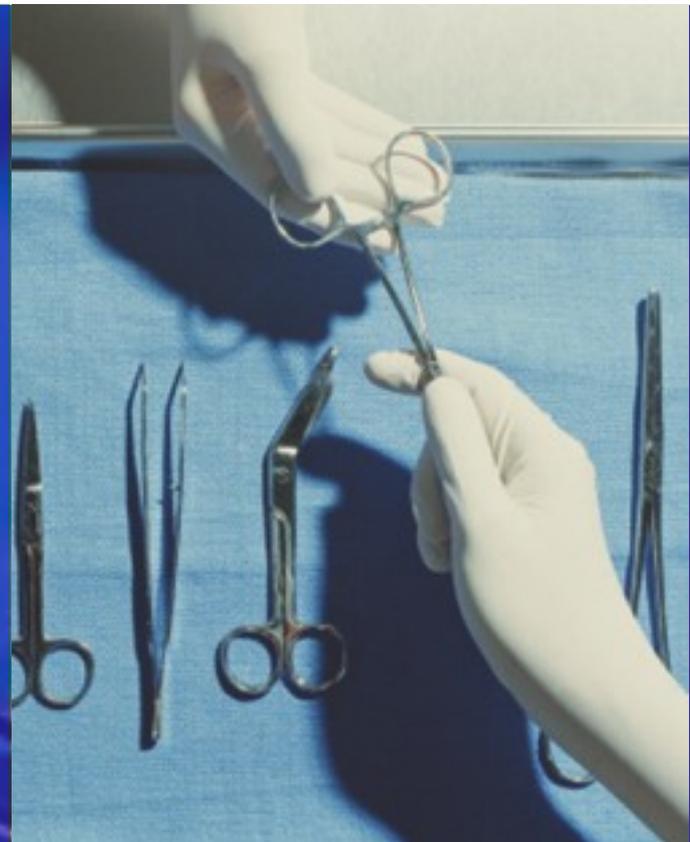


**Steril-C** is a powder product, hydrosoluble, with an alkaline-neutral pH, for the decontamination, disinfection and cold sterilization, with contemporary detergent action on:

- all surgical instruments;
- fibre optical devices, 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.

## Mechanisms

When **Steril-C** is dissolved in lukewarm water, it generates a chemical reaction leading to the formation of active ingredients consisting of peracetic acid and hydrogen peroxide which, by synergy, allow a bactericidal, mycobactericidal, fungicidal, virucidal and sporicidal activity in only 10 minutes. The presence of an anionic surface-active agent 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).



## Composition (for 100 g of powder)

<b>Sodium percarbonate</b>	Oxidizing agent: reacts with TAED present in the compound, forming peracetic acid and hydrogen peroxide in a water solution.	<b>&gt;40 g</b>
<b>TAED (tetraacetythylenediamine)</b>	Percarbonate Activator in a water solution.	<b>&gt;25 g</b>
<b>Other components:</b>		
<b>Organic acid, anionic surface-active agent, stabilizers and corrosion inhibitors</b>		<b>up to 100 g</b>

## Dosage

Field of use	Concentration	Contact time
Decontamination	1 % (10 grams/liter)	10 minutes
Disinfection	1 % (10 grams/liter)	10 minutes
High level disinfection/ Cold sterilization	2 % (20 grams/liter)	10 minutes 15 minutes for <i>C. sporogenes</i>

## Handling

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

## Compatibility

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

## Safety

**Steril-C**, free of aldehydes in its formulation, does not present any toxicity for patients and users.

# 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.

## Packaging



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

## Stability

**Steril-C** in powder is stable for 24 months in integral container which is correctly stored.

# Quality control

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



UNI EN ISO 9001:2015  
UNI EN ISO 13485:2021



**Steril-C** is a class IIb medical device with CE marking issued, in accordance with directive 93/42/EEC as amended, by the Istituto Superiore di Sanità Notified Body 0373.

**CE** 0373