

**INSTRUCTION FOR USE****Surgical Instrument Disinfectant: Peracetic Acid, Concentrated****PRODUCT NAME** : Surgical Instrument Disinfectant; Peracetic Acid, Concentrated**TRADEMARK** : PEROXY™ HLD**PRODUCT REF NO:** 6128

PACKING TYPE	ORDER NO
5 Liter HDPE; Green Canister	436128045000

**INTENDED USE:** High-level disinfectant / Cold sterilant for surgical, medical, endoscopic, thermosensitive equipment and medical devices. Active against spores of bacteria.

- Aldehyde free: no fixation of proteins.
- Economic and eco-friendly alternative to glutaraldehyde.
- Efficacy control of the solution with Peracetic Acid MEC Test Strips (GBL® Ref No:7004)
- Effective in 5 minutes
- Compatible with any neutral pH enzymatic cleaners.
- Wide materials compatibility.
- Anti-corrosive.

**PRODUCT SPECIFICATION**

Form	Liquid
Water Solubility	Soluble
Color	Colourless
Odor	Acrid
pH @ 25°C (ca)	< 2

**COMPOSITION**

Peracetic acid solution (>5%), hydrogen peroxide, acetic acid, stabilizing agents, corrosion inhibitors, RO water.

**Mechanism of antimicrobial action peracetic acid, hydrogen peroxide**

Damage of the cell wall through oxidation of membrane proteins, resulting in oxidation of liberated fatty acids, proteins, DNA, etc. Damage of the envelope of enveloped viruses as well as oxidation of the coat proteins.

**MICROBIOLOGICAL PROPERTIES**

Effect	European Standard	Microorganisms (with ATCC )	Contact Time
Bactericidal	EN 13727 EN 14561	<i>Staphylococcus aureus</i> 6538 <i>Pseudomonas aeruginosa</i> 15442 <i>Enterococcus hirae</i> 10541	5 minutes
Fungicidal	EN 13624 EN 14562	<i>Candida albicans</i> 10231 <i>Aspergillus brasiliensis</i> 16404	5 minutes
Mycobactericidal	EN 14348 EN 14563	<i>Mycobacterium terrae</i> ATCC 15755	5 minutes
Virucidal	EN 14476+A1	<i>Adenovirus</i> type 5, strain Adenoid 75, ATCC VR-5 <i>Murine norovirus (MNV)</i> strain S99, RVB-651 <i>Poliovirus</i> type 1, LSc-2ab	60 minutes
Sporicidal	EN 13704	<i>Bacillus spizizeni</i> 6633	60 minutes

## HOW TO USE

### 1- Pre-cleaning:

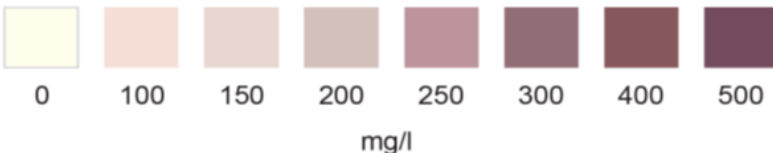
Wipe down the external surface of the surgical instrument with gauze or a cloth, to remove the mucous membrane, blood and filth that adhere to the external surface. Either moistened gauze or dry gauze is fine. After the outer surface of the instruments is wiped with a cloth, it must be treated with an enzymatic detergent such as GBL® WARECLEAN™ EC (Ref no: 6160) before disinfection. Rinse thoroughly.

### 2-Disinfection:

For endoscopic equipment: brush channels. **Dilution step:** The dilution rate is 1:50. From 5 Liter concentrated product you can have 250 Liters of ready-to-use product. **Disinfection step:** Wear protective equipment. Pour the diluted solution into a soaking tray with a lid. Immerse pre-cleaned and rinsed medical instruments into the disinfectant solution. For endoscopic equipment: make the solution circulate inside channels. **Contact time:** 5 minutes for bactericidal, fungicidal, mycobactericidal, and 60 minutes for virucidal and sporicidal effectiveness. Rinse thoroughly the medical device (for endoscopic equipment the internal and external parts of the medical device) with sterile or filtered water (0.2 µm). Dry with a single-use towel. Keep the medical device as aseptically as possible up to use it again.

### 3. Control with Test Strips (GBL® -7004 ROSA-STRIP PA):

- Check daily the conformity and efficacy of the solution with test strips.
- Samples containing more than 500 mg/l peracetic acid must be diluted with distilled water.
- The pH of the peracetic acid solution must be within the range 3 - 4. If necessary, adjust the pH to 3.5 with sodium acetate solution (50 g/l) or dilute acetic acid (100 g glacial acetic acid/l).
- Immerse the reaction zone of the test strip in the pre-treated sample (15 - 30 °C) for 1 sec.
- Shake off excess liquid from the strip and after 10 sec determine with which color field on the label the color of the reaction zone coincides most exactly.
- Read off the corresponding result in mg/l peracetic acid.



## WARNINGS

May intensify fire, oxidizer. Harmful if swallowed. Causes severe skin burns and eye damage. May cause respiratory irritation. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Do not breathe dust/fumes/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Immediately call a POISON CENTER or doctor/physician. Store locked up. Protect from sunlight.

## STABILITY AND STORAGE

Properly stored, the disinfectant remains fully effective for 18 months after production. Keep the container always sealed and store in an upright position. If possible, store in well-aired rooms at 15 to 25°C. Do not be exposed to direct sunlight.

Storage Temperature	Shelf Life	Usage Time After Opening the Cap
15/25 °C	18 months	3 months

## PACKAGING














Product	Packaging Type	Packaging Units
PEROXY™ HLD	HDPE; Green Canister	5L x 2

## ACCESSORIES

PRODUCT NAME	REF NO	ORDER NO	Packaging Units	Packaging Type
Peracetic Acid MEC Test Strips	7004	457004070025	25 Strips	HDPE; Bottle



## LABEL SYMBOL KEYS

 Catalog Number	 Production Date	 Storage Temperature	 Manufacturer Information
 Batch Code	 Expiry Date	 Refer to User Guide	 Complies with European product regulations. 1984: Notified body number
 Recycling Information	 <b>GHS03</b> Oxidizing	 <b>GHS05</b> Corrosive	 <b>GHS07</b> Harmful
 Usage Time After Opening the Cap			

## MANUFACTURER



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