

## INSTRUCTION FOR USE

### Hemodialysis Machine Disinfectant; Peracetic Acid Based



**PRODUCT NAME** : Hemodialysis Machine Disinfectant; Peracetic Acid Based

**TRADEMARK** : PEROXY™ PLUS

**PRODUCT REF NO** : 6123

PACKING TYPE	ORDER NO
5 Liter HDPE Green Canister	436123045000

**INTENDED USE:** Cold disinfectant (dialysis machine 37°C) for hemodialysis machines with proportional mixing system and recirculation function. PEROXY™ PLUS can be used also as cold disinfection for water treatment devices and circuit pipes.

### PRODUCT SPECIFICATION

Form	Liquid
Color	Colourless
Odor	Acrid
pH @ 25°C (ca)	< 2
pH @ 25 °C (ca) (1%)	~ 3,2 (10% ~ 2,5)

### COMPOSITION

Peracetic acid solution (PAA) (3,5%), hydrogen peroxide, acetic acid, stabilizing agents, corrosion inhibitors, distilled water.

Peracetic acid	3,5±0,5 % p/p
Acetic acid	10 ± 1,0 % p/p
Hydrogen peroxide	20 ± 1,5 % p/p

### 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.

### PRODUCT USAGE

It is used automatically from the disinfection suction pipette of the hemodialysis machine. Usage and dilution ratio should be followed by hemodialysis machine system instructions.

**MICROBIOLOGICAL PROPERTIES**

Effect	European Standard (Contact Time)	Concentration of use	Microorganisms (with ATCC)
Bactericidal	EN 13727 (15 min.) EN 14561 (5 min.)	1:25 1:20	<i>Staphylococcus aureus</i> 6538 <i>Pseudomonas aeruginosa</i> 15442 <i>Enterococcus hirae</i> 10541
Fungicidal	EN 13624 (60 min.) EN 14562 (5 min.)	1:25 Ready-to-use	<i>Candida albicans</i> 10231 <i>Aspergillus brasiliensis</i> 16404
Tuberculocidal	EN 14348 (60 min.) EN 14563 (5 min.)	1:25 1:100	<i>Mycobacterium terrae</i> 15755
Virucidal	EN 14476:2013 + A1:2015 (60 min.)	1:24	<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
Sporocidal	EN 13704 (60 min.)	1:25	<i>Bacillus spizizeni</i> 6633

- To be used according to the device manual at elevated temperatures only.
- The absence of PEROXY™ PLUS must be detected by test strips to be sure that no residue is left behind.
- After PEROXY™ PLUS use, you can easily remove it by rinsing with water.
- PEROXY™ PLUS is designed for cold disinfection. In principle, it can be used for all hemodialysis systems like hemodialysis machines, water treatment devices and circuit pipes.

**Decalcifying:** Yes

**Cleaning:** Limited effect

**Antimicrobial action:** Cold disinfectant (dialysis machine 37 °C)

**Used dilution:** 1:25

**CONTRAINDICATIONS**

Suitable for hot disinfection. In the cleaning program of the hemodialysis device, a wash/rinse process must be performed after disinfecting with PEROXY™ PLUS. Failure to do so carries a risk for the patient. It is not suitable for the use of devices other than hemodialysis.

**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™ PLUS	HDPE; Green Canister	5L x 2

**LABEL SYMBOL KEYS**

 REF	Catalog Number		Production Date		Storage Temperature		Manufacturer Information
 LOT	Batch Code		Expiry Date		Refer to User Guide		number 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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