



PRODUCT CATALOGUE DISINFECTANTS

MADE IN ITALY



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LOMBARDA H

always at your side

Why choose LOMBARDA H

- **Constant research and development**

In-house laboratories dedicated to innovation, with a focus on microbiological efficacy.

- **Sustainability and responsibility**

Commitment to more environmentally friendly solutions and sustainable production processes, without compromising on quality.

- **Safety**

Formulations developed to ensure maximum effectiveness while minimising risks to the user and preserving the integrity of the most delicate materials.

- **Regulatory and documentary commitment**

Full support in the management of dossiers, notifications, and regulatory compliance for biocides and medical devices.

- **Biocidal efficacy**

All our products hold microbicide efficacy certificates in compliance with European standards.

For more than 30 years, we have specialised in the research and development, production, and testing of disinfectants, sterilisers, detergents, and cosmetics suitable for diverse contexts. **LOMBARDA H**'s wide range of products is mainly intended for the hospital, day clinic, veterinary, care, and food sectors, where quality, efficacy and safety are key requirements.

LOMBARDA H founds its growth on a forward-looking approach, oriented towards innovation and continuous improvement.

That is why it constantly invests in research and development, production processes, state-of-the-art technology and, above all, in people. Continuous improvement translates into a daily commitment and allows us to offer effective, safe, high quality disinfectant solutions, strengthening our competitiveness both in Italy and international markets.

- **Dedicated technical support and after-sales service**

LOMBARDA H offers a constant technical and scientific advisory service in the selection and appropriate use of disinfectants.

- **Training**

With their consolidated theoretical knowledge and practical experience in the field, **LOMBARDA H**'s technical and sales staff are able to provide training to a high scientific standard.

- **Environmental care**

LOMBARDA H selects low-impact raw materials and applies sustainable production processes for maximum environmental protection.

The company's **mission** is to continue growing together with its customers, developing innovative products that meet the real needs of users and are in line with emerging market trends.





The range of disinfectants offered by **LOMBARDA H** is designed to guarantee maximum effectiveness against a wide variety of pathogenic micro-organisms, in full compliance with current regulations and with particular attention to the safety of operators and the environment.

LOMBARDA H holds a prominent position in Italy and Europe as one of only 2 European producers of electrolytic active chlorine, used for the development of disinfection products in multiple sectors, including healthcare and food.

Each formulation is the outcome of continuous research, collaboration with certified laboratories to guarantee proven efficacy, and constant attention to customer needs, with the aim of delivering high quality standards.



LOMBARDA H 'S COMMITMENT

The company is based in Albairate, in the province of Milan, on a site of over 7000 square metres. 1200 square metres are dedicated to production, with 200 square metres of office floor and 6000 square metres of warehouse storage. It also houses a state-of-the-art laboratory, equipped with innovative tools for quality control during the entire production process: from raw materials to finished products, and the development of new formulations.

With its untiring pursuit of excellence and quality, **LOMBARDA H** has achieved significant progress, as demonstrated in various certifications: **ISO 9001:2015**, attesting to the effectiveness of the quality management system, and **ISO 13485:2021**, specific to the medical device sector and confirming compliance with regulatory requirements and the capacity to guarantee safe and reliable products.

Through great determination and unwavering respect for the environment, the company recently obtained **ISO 14001** environmental certification.





Hand and intact skin disinfection

Dedicated products for preventing infection

Hand and intact skin hygiene is the first step for reducing the microbial load on the skin surface and preventing the spread of infections and diseases. This is a primary prevention measure, aimed at protecting both the patient and the healthcare provider.

In order to ensure effective skin disinfection, it is essential that the products used act immediately, as well as ensuring extended action over time for continuous protection against micro-organisms.



LH DERMOSCRUB

Liquid cleansing disinfectant

A broad-spectrum disinfectant for use in healthcare (hospitals, operating theatres, emergency rooms, etc.) preferably when a cleansing action is also required. Emergency hand disinfection - disinfectant and surgical hand washing - external cleaning and disinfection in Obstetrics and Gynaecology.



6.50 ± 0.50

Effective against bacteria, fungi/yeasts, and mycobacteria

PMC - Reg. Min. Sal. nr. 18925

Active ingredient: Chlorhexidine Digluconate g 4,0

Single-dose sachet ml 30 - packet 200 pcs.

Cod: LHDERMO30

Bottle ml 500 - pkg. 24 pcs.

Cod: LHDERMO050

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHDERMO1

Canister ml 5000 - pkg. 4 pcs.

Cod: LHDERMO5



LH DERMOSCRUB SPONGES

Disposable sponge-brush system for disinfecting the hands of operating theatre personnel.

The system consists of:

- Semi-stiff bristle polyethylene brush combined with detachable nail cleaner
- Polyurethane sponge soaked in 20 ml of LH DERMOSCRUB disinfectant solution

PMC - Reg. Min. Sal. nr. 18925

Single-dose sponge soaked in 20 ml solution - pkg. 100 pcs.

Cod: LHSPAZ.CL

Single-dose sponge soaked in 20 ml solution - totem 30 pcs.

Cod: LHSPAZ.CL.TM





Bottle ml 500 - pkg. 24 pcs.

Cod: LHIODO7505C

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHIODO75I

LH IODO 7,5

Surgical hand disinfectant

Ready-to-use disinfectant solution for skin disinfection and hygiene in wards at risk of infection. It can be used for surgical hand washing and disinfection, and as a disinfectant-microbicide in medical surgeries.



6.00 ± 0.60

Effective against bacteria, fungi/yeasts, and mycobacteria

PMC - Reg. Min. Sal. nr. 18929

Active ingredient: Polyvinylpyrrolidone Iodine g 7.50

Cross-contamination

Hands come into contact with surfaces where they can acquire or deposit micro-organisms. Bacteria received from one surface can be transmitted to others, giving rise to what is called cross-contamination.

The only effective way to prevent this is to wash your hands frequently. In controlled environments, such as hospitals, offices, or nursing homes, it is also essential to disinfect surfaces regularly.



LH IODO SPONGES 7,5

Disposable sponge-brush system for hand antisepsis of operating theatre staff

The system consists of:

- Semi-stiff bristle polyethylene brush combined with detachable nail cleaner
- Polyurethane sponge soaked in 20 ml LH IODO 7.5 disinfectant solution

PMC - Reg. Min. Sal. Nr. 18929

Single-dose sponge soaked in 20 ml solution - pack of 100 pcs.

Cod: LHSPA.IOD

Single-dose sponge soaked in 20 ml solution - totem 30 pcs.

Cod: LHSPA.IOD.TM



Hand and intact skin disinfection



LH DERMOWASH

Liquid cleansing disinfectant

Disinfectant-detergent for use in healthcare (hospitals, operating theatres, emergency rooms, etc.) preferably when a cleansing action is also required. Emergency hand disinfection, surgical hand washing, external cleaning and disinfection in Obstetrics and Gynaecology.



6.00 ± 0.50

Effective against bacteria and fungi/yeasts

PMC - Reg. Min. Sal. nr. 19302

Active ingredient: Chlorhexidine Digluconate g 2.00

Single-dose sachet ml 30 - pkg. 200 pcs.

Cod: LHDERMOWASH30

Bottle ml 500 - pkg. 24 pcs.

Cod: DERMOWASH05

Bottle ml 1000 - pkg. 12 pcs.

Cod: DERMOWASH1



LH SOAP

Liquid cleansing disinfectant

Disinfectant soap and daily antibacterial hand and skin cleanser for use in healthcare (hospitals, clinics, etc.) and institutional settings (communities, workplaces, etc.).



6.00 ± 0.50

Effective against bacteria and fungi/yeasts

PMC - Reg. Min. Sal. nr. 18796

Active ingredient: Benzalkonium Chloride g 0.50

Bottle ml 500 - pkg. 24 pcs.

Cod: LHSOAP05

Bottle ml 500 with dispenser - pkg. 24 pcs.

Cod: LHSOAP05DOS

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHSOAP1

Canister ml 5000 - pkg. 4 pcs.

Cod: LHSOAP5





LH NEW CLOREXIDINA 70°

Hydroalcoholic disinfectant for intact skin in general

Ready-to-use disinfectant solution, suitable for hand and general skin hygiene. It is especially recommended for disinfecting the hands of healthcare personnel, including operating theatre staff.



7.00 ± 0.50

Effective against bacteria, fungi/yeasts, mycobacteria, and encapsulated viruses

PMC - Reg. Min. Sal. nr. 19104

Active ingredient: Chlorhexidine Digluconate g 0.50 and Ethyl Alcohol g 72.00 (80% v/v)

Bottle ml 250 - pkg. 40 pcs.

Cod: LHNCLOR025

Bottle ml 250 spray - pkg. 40 pcs.

Cod: LHNCLOR025SP

Bottle ml 500 spray - pkg. 24 pcs.

Cod: LHNCLOR05

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHNCLOR1



LH INDOLORE

Disinfectant for intact skin in general

A solution for use pure or diluted, also when a cleansing action is required. It can be used as an external cleaner and antiseptic in obstetrics and gynaecology, for emergency hand disinfection, and general disinfection of intact skin.



6.50 ± 0.50

Effective against bacteria, fungi/yeasts, and mycobacteria

PMC - Reg. Min. Sal. nr. 19057

Active ingredient: Benzalkonium Chloride g 0.50 and Chlorhexidine Digluconate g 0.50

Bottle ml 500 - pkg. 24 pcs.

Cod: LHINDOL05

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHINDOL1



Hand and intact skin disinfection



LH IODO 10

Disinfectant for intact skin

Disinfectant solution recommended for disinfecting intact skin in general. It can be used either pure or diluted 50%.



4.75 ± 0.47

Effective against bacteria, fungi/yeasts, and mycobacteria

PMC – Reg. Min. Sal. nr. 18930

Active ingredient: Polyvinylpyrrolidone Iodine g 10.00

Bottle ml 125 - pkg. 50 pcs.

Cod: LHIOD10125

Bottle ml 500 - pkg. 24 pcs.

Cod: LHIOD1005

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHIOD101



The importance of hand hygiene

For hand disinfection, the World Health Organisation stipulates the use of an alcohol solution or washing with soap and water, following specific procedures to ensure effective hygiene. Five key moments have been identified: before contact with a patient, before an aseptic procedure, following potential exposure to a biological fluid, after contact with a patient, and after contact with a patient's ambient surroundings.



LH EASYRUB

High alcohol concentration disinfectant solution

Ready-to-use disinfectant for surgical hand rubs. No rinsing required, dries in seconds. Vitamin E and panthenol, contained in the formulation, have an emollient and protective action, helping to keep the skin soft, moisturised and protected even with frequent use.



6.50 ± 0.50

Effective against bacteria, fungi/yeasts, mycobacteria, and encapsulated viruses

PMC - Reg. Min. Sal. nr. 20463

Active ingredient: Ethyl Alcohol g 89.00 (95% v/v)

Bottle ml 100 - pkg. 25 pcs.

Cod: LHEASYRUB01

Bottle ml 250 spray - pkg. 40 pcs.

Cod: LHEASYRUB025

Bottle ml 500 - pkg. 24 pcs.

Cod: LHEASYRUB05



LH GEL

No-rinse hand disinfectant

Ready-to-use alcohol disinfectant for rapid disinfection of hands and skin in general. No rinsing required. The presence of glycerine ensures a moisturising action on the skin



7.00 ± 0.50

Effective against bacteria, fungi/yeasts, mycobacteria, and encapsulated viruses

PMC - Reg. Min. Sal. nr. 19215

Active ingredient: Ethyl Alcohol g 74 (81% v/v)

Bottle ml 100 - pkg. 25 pcs.

Cod: LHGEL100-25

Bottle ml 500 - pkg. 24 pcs.

Cod: LHGEL05

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHGEL1

Canister L. 5 - pkg. 4 pcs.

Cod: LHGEL5

Hand and intact skin disinfection



HAND GEL STAND

Bottle stand with hand gel disinfectant dispenser suitable for any context

Ideal, adjustable support for the hand gel bottle. Stands on the floor, without the need for screws and dowels.

Pkg. single

Cod: 10AM0301

PLASTIC WALL HOLDER

Wall HOLDER for 500 ml bottles of: LH Gel - LH Soap - LH Dermowash - LH Dermoscrub

Cod: SUPMURO05

NO-TOUCH DISPENSER LH GEL

Cod: 034402237

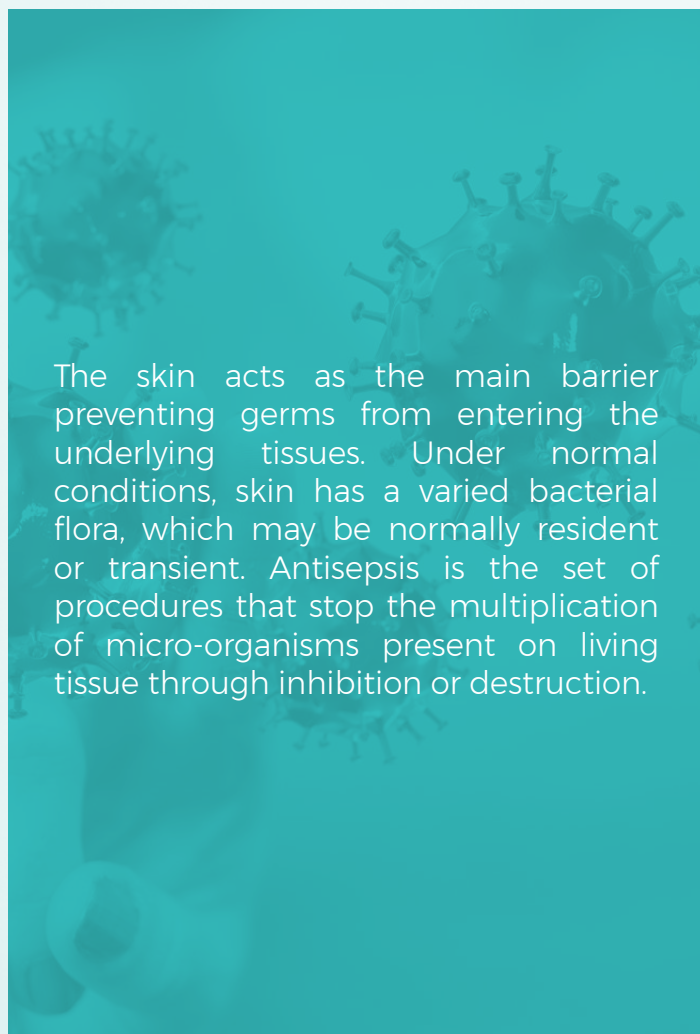
Cartridge ml 1000 - pkg. 12 pcs.

Cod: C77/LHGEL1

No-touch dispenser

Hand hygiene product dispensers represent a frequently underestimated source of contamination. These devices are frequently touched with soiled or damp hands, providing an ideal opportunity for the transfer of micro-organisms.

The best way to avoid this risk is the use of no-touch dispensers, which eliminate direct hand contact and significantly reduce the possibility of contamination, both onto the device and from it.



The skin acts as the main barrier preventing germs from entering the underlying tissues. Under normal conditions, skin has a varied bacterial flora, which may be normally resident or transient. Antisepsis is the set of procedures that stop the multiplication of micro-organisms present on living tissue through inhibition or destruction.



Bottle ml 250 - pkg. 40 pcs.

Cod: LHGLUCODEX025

Bottle ml 250 spray - pkg. 24 pcs.

Cod: LHGLUCODEX025SP

Bottle ml 500 - pkg. 24 pcs.

Cod: LHGLUCODEX05


Bottle ml 1000 - pkg. 12 pcs.

Cod: LHGLUCODEX1

LH GLUCODEX

Hydroalcoholic disinfectant for intact skin

Ready-to-use hydroalcoholic solution indicated for disinfection of intact skin in general.

 7.00 ± 1.00

Effective against bacteria, fungi/yeasts, and encapsulated viruses

PMC - Reg. Min. Sal. nr. 20479

Active ingredient: Chlorhexidine Digluconate g 2.00 and Isopropyl Alcohol g 62.00 (70% v/v)



LH GLUCODEX RED

Coloured hydroalcoholic solution for intact skin

Coloured hydroalcoholic solution, indicated for disinfection of intact skin in general.

 7.00 ± 1.00

Effective against bacteria, fungi/yeasts, and encapsulated viruses

PMC - Reg. Min. Sal. nr. 20479

Active ingredient: Chlorhexidine Digluconate g 2.00 and Isopropyl Alcohol g 62.00 (70% v/v)

Bottle ml 125 - pkg. 50 pcs.

Cod: LHGLUCODEXRED125

Bottle ml 250 - pkg. 40 pcs.

Cod: LHGLUCODEXRED025

Bottle ml 500 - pkg. 24 pcs.

Cod: LHGLUCODEXRED05

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHGLUCODEXRED1



Dual-use disinfectant

Constant research activity combined with commitment and determination to achieve customer satisfaction has prompted the company to extend the indications for use of two of its intact skin disinfectants to include disinfection of ambient surfaces.

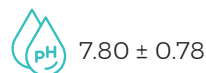


LH INCOLORE 70°

Ready-to-use hydroalcoholic disinfectant for intact skin and surfaces



Hydroalcoholic disinfectant solution suitable for hand and skin hygiene in general. It is particularly effective for disinfecting the hands of healthcare personnel, including operating theatre staff. Also suitable for disinfecting ambient surfaces such as worktops, furniture, handles, equipment, toilets, offices, schools, means of transport, etc.



7.80 ± 0.78

Effective against bacteria, fungi/yeasts, mycobacteria, and encapsulated viruses

PMC - Reg. Min. Sal. nr. 18668

Active ingredient: Benzalkonium Chloride g 0.30 and Ethyl Alcohol g 60.00 (67% v/v)

Bottle ml 250 - pkg. 40 pcs.

Cod: LHINCOL025

Bottle ml 500 - pkg. 24 pcs.

Cod: LHINCOL05

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHINCOL1

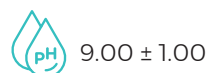


DECS CUTE

Disinfectant for intact skin and surfaces



An electrolytic chloride-based disinfectant suitable for disinfecting hands and intact skin. Disinfection of hard surfaces, worktops, equipment, toilets, retirement homes, offices, schools, communities. Disinfection of plastic, rubber, and glass items. Disinfection of ambient surfaces. No rinsing required.



9.00 ± 1.00

Effective against bacteria, fungi/yeasts, mycobacteria, spores, and encapsulated viruses

PMC - Reg. Min. Sal. nr. 18905

Active ingredient: Sodium hypochlorite 0.115 % (equivalent to 0.1095 % active chlorine)

Bottle ml 250 - pkg. 40 pcs.

Cod: DECSC025

Bottle ml 250 spray - pkg. 40 pcs.

Cod: DECSC025SP

Bottle ml 500 - pkg. 24 pcs.

Cod: DECSC050

Bottle ml 750 - pkg. 6 pcs.

Cod: DECSC075SP

Bottle ml 1000 - pkg. 12 pcs.

Cod: DECSCI

Electrolytic active chlorine

Disinfectants intended for device and ambient disinfection

The advantages of electrolytic chlorine disinfectants are numerous, making them an effective and safe choice in a variety of fields, from healthcare to food and/or industry. One of the main benefits is a very limited persistence of residues, reducing the risk of skin irritation from surfaces in frequent contact with humans.


Thanks to their chemical composition and electrolysis production method, electrolytic chlorine disinfectants ensure low environmental impact and rapid break down into non-harmful by-products. This also makes them suitable for contexts where sustainability is a key criterion.



DECS PURO

Concentrated disinfectant

Disinfectant solution based on electrolytically active chlorine, suitable for disinfecting hard surfaces, microbial decontamination of fruit and vegetables, and disinfecting items used by infants (feeding bottles, teats, etc.).

 10.00 ± 0.50

Effective against bacteria, fungi, mycobacteria, and viruses

PMC - Reg. Min. Sal. nr. 18617

Active ingredient: Sodium Hypochlorite g 1.15 (Equivalent to 1.095 % active chlorine)

Bottle ml 250 - pkg. 40 pcs.

Cod: DECSP025

Bottle ml 500 - pkg. 24 pcs.

Cod: DECSP050

Bottle ml 1000 - pkg. 12 pcs.

Cod: DECSP1

Canister ml 5000 - pkg. 4 pcs.

Cod: DECSP5



DECS COMPRESSE

Broad spectrum disinfectant tabs

Water-soluble disinfectant tablets for washing fruit and vegetables and items used by infants (teats, feeding bottles, kitchen utensils, dishes). They can be used in the food industry, on livestock farms, and for disinfecting commonly used equipment and appliances.

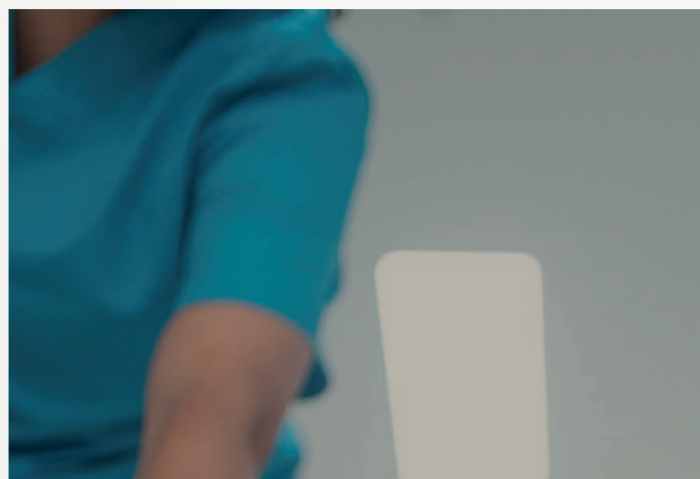
Effective against bacteria, fungi, and encapsulated viruses

PMC - Reg. Min. Sal. nr. 19274

Active ingredient: Sodium Dichloroisocyanurate (dihydrate) g 2.50 (g 1.40 available chlorine)

Tin 1 Kg - pkg. 6 pcs.

Cod: DECSCPR5



Eco-friendly cleaning for every environment

Safety and reliability are two key concepts for ensuring maximum protection of everyone present in any environment. Daily cleaning and disinfection aim to reduce the microbial load present and prevent care-related infections. The entire cleaning process involves the use of specific products, compatible with the surfaces to be treated and capable of inhibiting the development of micro-organisms.

DECS COMPRESSE AMBIENTE

Disinfectant in tabs for treating ambient surfaces

Water-soluble tablets for disinfecting and cleaning toilet facilities, floors, worktops, medical facilities, communities, in the food industry, and animal husbandry.

Effective against bacteria, fungi, and encapsulated viruses

PMC - Reg. Min. Sal. nr. 19343

Active ingredient: Sodium Dichloroisocyanurate (dihydrate) g 2.50 (g 1.40 available chlorine)

Tin 1 Kg - pkg. 6 pcs.

Cod: DECSACPR5




Disinfectant cleaners: advanced effective formulations that provide thorough safe cleaning of washable surfaces.



DECS AMBIENTE

Concentrated disinfectant

Liquid disinfectant suitable for disinfecting rooms, walls, washable surfaces, and equipment in the health sector, communities, and food industry. Useful in places where food is prepared and served and in communal living facilities, such as barracks, schools, canteens. It is suitable for plastic and glass containers and animal transport vehicles.

 12.00 ± 0.50

Effective against bacteria, fungi, spores, and encapsulated viruses

PMC – Reg. Min. Sal. nr. 18479

Active ingredient: Sodium Hypochlorite 2.8 % (Equivalent to 2.7 % active chlorine)

Bottle ml 1000 - pkg. 12 pcs.

Cod: DECSA1

Canister ml 5000 - pkg. 4 pcs..

Cod: DECSA5

Canister 10000 ml - pkg. 2 pcs.


Cod: DECSA10



DECS AMBIENTE PLUS

Concentrated disinfectant cleaner

Concentrated liquid disinfectant indicated for cleaning and disinfecting washable surfaces in hospitals (floors, wards, patient rooms, toilets, etc.), in the food industry (machinery, utensils, worktops, etc.), and in communities. It can also be used to clean and disinfect organic fluid containers, for white, potentially contaminated laundry.

 12.00 ± 0.50

Effective against bacteria, fungi, spores, and encapsulated viruses

PMC – Reg. Min. Sal. nr. 18508

Active ingredient: Sodium Hypochlorite 2.8 % (Equivalent to 2.7 % active chlorine)

Bottle ml 1000 - pkg. 12 pcs.

Cod: DECSAP1

Canister ml 5000 - pkg. 4 pcs.

Cod: DECSAP5

Canister 10000 ml - pkg. 2 pcs.

Cod: DECSAP10





**Class IIb
medical device**

Bottle ml 1000 - pkg. 12 pcs.

Cod: DECS1

Canister ml 5000 - pkg. 4 pcs.

Cod: DECS5

Canister 10000 ml - pkg. 2 pcs.

Cod: DECS10

DECS

Disinfectant for medical devices

Liquid disinfectant for use pure or diluted, suitable for disinfecting invasive and non-invasive medical devices, and for cold disinfection of medical devices and equipment in healthcare and laboratories.



10.00 ± 0.50

Effective against bacteria, fungi, mycobacteria, and viruses

Active ingredient: Sodium Hypochlorite 1.15 % (Equivalent to 1.095 % active chlorine)



**Class IIb
medical device**

Bottle ml 1000 - pkg. 12 pcs.

Cod: DECS501

Canister ml 5000 - pkg. 4 pcs.

Cod: DECS505

DECS 50

Concentrated disinfectant for medical devices

A liquid disinfectant for use pure or diluted, indicated for disinfecting general medical equipment and devices used in dialysis.



10.00 ± 0.50

Effective against bacteria, fungi, mycobacteria, and encapsulated viruses

Active ingredient: Sodium Hypochlorite 0.575 % (Equivalent to 0.55 % active chlorine)

Basic principles for effective cleaning and disinfection

- Operations must always start from less contaminated areas towards the worst soiled zones in order to avoid spreading micro-organisms.
- It is not necessary to rinse after disinfection unless otherwise specified by the manufacturer.
- Do not transfer fluids between bottles of detergent or disinfectant in order to avoid cross-contamination. Always use clean, dry containers.
- Strictly follow the manufacturer's dilution instructions to ensure product efficacy and safe use.

Electrolytic active chlorine



Class IIb
medical device

Bottle ml 1000 - pkg. 12 pcs.

Cod: DIALDECS1

Canister ml 5000 - pkg. 4 pcs.

Cod: DIALDECS5

DIAL DECS

Disinfectant for medical devices in the dialysis field

Liquid disinfectant intended for cold disinfection of general medical devices, in laboratories, and disinfection of dialysis devices.



10.00 ± 0.50

Effective against bacteria, fungi, mycobacteria, and encapsulated viruses

Active ingredient: Sodium Hypochlorite 1.15 % (Equivalent to 1.095 % active chlorine)



Class IIb
medical device

Bottle ml 250 - pkg. 40 pcs

Cod: DIALDECS50SP025

Bottle ml 1000 - pkg. 12 pcs.

Cod: DIALDECS51

Canister ml 5000 - pkg. 4 pcs.

Cod: DIALDECS55

DIAL DECS 50

Disinfectant for general medical and dialysis devices

Liquid disinfectant for use pure or diluted, suitable for disinfecting general medical equipment and devices used in haemodialysis and peritoneal dialysis.



10.00 ± 0.50

Effective against bacteria, fungi, mycobacteria, and encapsulated viruses

Active ingredient: Sodium Hypochlorite 0.575 % (Equivalent to 0.55 % active chlorine)

- Use appropriate signs to indicate wet floors and the risk of falling.
- In areas like lobbies and corridors, wash in two stages so that half the area remains dry at all times for safe passage.

- The presence of organic substances (such as blood or secretions) could reduce or negate the effectiveness of the disinfectant. It is therefore essential to start with a cleansing (cleaning) phase, followed by disinfection, according to the prescribed protocols.


**Class IIa
medical device**



LH DECS SALVIETTE RIA

Disinfectant wipes for non-invasive medical devices

Non-woven fabric wipes soaked in disinfectant solution for disinfecting non-invasive medical devices, equipment, and medical device worktops.

 9.00 ± 1.00

Effective against bacteria, fungi, spores, and encapsulated viruses

Active ingredient: Sodium Hypochlorite g 0.105 (Equivalent to 0.1% active chlorine)

Individually wrapped wipes - pkg. 100 pcs.

Cod: DECSSALVRIA


**Class IIa
medical device**



LH DECS SALVIETTE DIAL

Disinfectant wipes for non-invasive medical devices

Non-woven fabric wipes soaked in disinfectant solution for disinfecting medical devices and equipment used in dialysis, and in particular for external disinfection of haemodialysis monitors.

 9.00 ± 1.00

Effective against bacteria, fungi, spores, and encapsulated viruses

Active ingredient: Sodium Hypochlorite g 0.105 (Equivalent to 0.1% active chlorine)

Individually wrapped wipes - pkg. 100 pcs.

Cod: DECSSALVDIAL

Complete guide from decontamination to sterilisation

Disinfection is a fundamental process in our daily lives, both at home and at work, particularly as regards public health and prevention of infectious diseases. The importance of proper disinfection goes far beyond the simple concept of “cleaning” and plays an essential role in ensuring healthy safe environments. Disinfection does not just involve removal of visible soiling, but is a measure aimed at eliminating or reducing the presence of pathogenic micro-organisms like bacteria, viruses, and fungi.

- The first step for effective elimination of pathogenic micro-organisms is **decontamination**, which involves removal of soiling, pathogenic micro-organisms, and other impurities from objects and surfaces. Although this process does not directly kill pathogens, it is essential when preparing surfaces for disinfection, which will act in a more targeted manner against the micro-organisms present.

- **Cleaning** (cleansing) procedures are designed to remove soiling and reduce microbial load. This stage is crucial because surface soiling can act as a barrier and protect micro-organisms from the action of disinfectants. Cleaning is achieved by mechanical action (rubbing), chemical action (with detergents), and thermal action.

- **Disinfection** is a process that destroys or inactivates pathogenic micro-organisms present on objects and surfaces. It does not necessarily aim for complete elimination of all microbial lifeforms, but significantly reduces the risk of infection. Disinfection is achieved using disinfectants.

- The final step leading to the elimination of all microbial lifeforms is **sterilisation**.

A gloved hand in a white surgical glove holds a pair of surgical forceps. The background is a blue surgical drape with several other surgical instruments, including forceps and a scalpel, lying on it. The overall scene is a clinical setting, likely a surgical suite.

Pre-treatment and decontamination

Products for pre-treatment and decontamination of invasive and non-invasive medical instruments and devices

In the healthcare sector, the first step for ensuring safe and reliable disinfection is the decontamination phase. This procedure is performed before actual disinfection and is essential to ensure the protection of the operator and the environment. The removal and dispersion of bio-

medical waste makes subsequent treatment steps safer and faster by helping to reduce the initial microbial load and preventing the organic material from drying out.



LH ENZYCLEAN SPRAY

**Class IIb
medical device**

Decontaminating and disinfecting foaming solution

Ready-to-use foam disinfectant, decontaminant, and descaler for invasive and non-invasive medical devices, surgical instruments, hospital and outpatient equipment. The decontaminating action is generated by a tri-enzyme complex capable of facilitating the removal of organic material deposited on the surface of medical devices and derives from the microbicidal efficacy of the quaternary ammonium salts included in the formulation.



8.00 ± 0.80

Effective against bacteria, fungi, spores, mycobacteria, and encapsulated viruses

Active ingredient: Benzalkonium Chloride g 0.60, Didecyldimethylammonium Chloride g 0.60, and Enzyme compound (amylase, lipase, and protease) g 0.40

Bottle ml 750 - pkg. 6 pcs.

Cod: LHENZYC075SP



LH ENZIKAT PLUS

**Class IIb
medical device**

Disinfectant, detergent, and decontaminant

Concentrated solution indicated for treating invasive and non-invasive medical devices, surgical instruments, endoscopes, etc. The enzymatic mixture of protease, lipase, and amylase in the formulation promotes the breakdown of organic material on the surface of medical devices, while the disinfectant action is provided by the presence of a quaternary ammonium salt. Can be used in ultrasonic cleaning baths.



8.75 ± 0.87

Effective against bacteria, fungi, and viruses

Active ingredient: Benzalkonium Chloride g 4.00 and Enzyme compound (amylase, lipase, and protease) g 2.00

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHENZIKATPI

Advantages of using enzyme-based products

- They ensure thorough cleaning
- Effective even at low temperatures
- Low environmental impact and high biodegradability
- Generally safe for operators and surfaces




Class IIb
medical device



LH EXTRAZIM PLUS

Concentrated detergent solution

An enzymatic solution suitable for descaling and deterging critical and non-critical medical devices (surgical instruments, catheters and probes, fibre optic instruments, anaesthesia apparatus, inhalant therapy, haemodialysis, endoscopy, and urology devices) in hospitals and medical and dental surgeries, prior to disinfection and/or sterilisation. Can be used in ultrasonic cleaning baths.

 6.50 ± 0.50

Active ingredient: Anionic surfactants g ≥ 20.00 , Non-ionic surfactants g ≥ 15.00 , and Enzyme compound (amylase, lipase and protease) g 2.00

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHEXPLUST

Canister ml 5000 - pkg. 4 pcs.

Cod: LHEXPLUS5


Class I
medical device



LH CLEANASE

Concentrated multi enzyme cleaning solution

Tri-enzymatic detergent and descaling solution formulated to effectively remove biomedical waste from medical devices; the product can be used for manual washing or in automatic machines like dishwashers, washing tunnels, thermal pan washers, and sterilisation plants.

 8.00 ± 0.50

Active ingredient: Enzyme compound (amylase, lipase, and protease), citric acid, and non-ionic surfactants

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHCLEANASEI

Canister ml 5000- pkg. 4 pcs.

Cod: LHCLEANASE5

Disinfection of instruments and equipment

Products for disinfecting invasive and non-invasive medical instruments and devices

Medical and surgical instruments and equipment have to be disinfected and sterilised before reuse. Preliminary cleaning removes bio-medical waste from instruments and equipment, and is essential before the subsequent disinfection and sterilisation phase when pathogenic

microorganisms have to be eliminated, inactivated, or destroyed.

Disinfection can be categorized into three levels: low, intermediate, and high. It can be achieved in different ways, chosen according to device type and the associated level of risk during use.



LH PAA SOL CONCENTRATO


Class IIb
medical device

High-level concentrated solution

Concentrated solution, suitable for high-level disinfection/sterilisation of medical devices, including temperature-sensitive items (instruments, catheters, probes, anaesthesia apparatus, inhalant therapy, haemodialysis, endoscopy, urology, dentistry, etc.). It is compatible for use in automatic disinfectors and ultrasound baths, in compliance with the manufacturers' instructions.

The solution is diluted 1:5 before use.

The activated solution has a shelf life of 14 days

 5.00 ± 0.50

Effective against bacteria, fungi, spores, mycobacteria, and encapsulated viruses

Active ingredient: Peracetic Acid (Sol. A+B) g 0.18

Bottle ml 1000 - pkg. 8 pcs.

Cod: LHPAASOLC1

Canister ml 5000 - pkg. 3 pcs.

Cod: LHPAASOLC5

During the period of use it is advisable to monitor the validity of the solution both with test strips and by visually checking the solution.




LH PAA SOL PRONTO

Class IIb
medical device

Ready-to-use high-level disinfectant

Disinfectant solution, suitable for high-level disinfection/sterilisation of medical devices, including heat-sensitive items (instruments, catheters, probes, anaesthesia apparatus, inhalant therapy, haemodialysis, endoscopy, urology, dentistry, etc.). It is compatible for use in automatic disinfectors and ultrasound baths, in compliance with the manufacturers' instructions. The activated solution has a shelf life of 14 days.

 5.00 ± 0.50

Effective against bacteria, fungi, spores, mycobacteria, and encapsulated viruses

Active ingredient: Peracetic Acid (Sol. A+B) g 0.18

Bottle ml 1000 - pkg. 8 pcs.

Cod: LHPAASOLP1

Canister ml 5000 - pkg. 3 pcs.

Cod: LHPAASOLP5

During the period of use it is advisable to monitor the validity of the solution both with test strips and by visually checking the solution.

How many levels of disinfection are there and what do they entail?

The disinfection level indicates the effectiveness of a disinfectant for eliminating micro-organisms. There are three main levels: low, intermediate, and high, each with a different degree of effectiveness against bacteria, viruses, and fungi.

CLASSIFICATION CRITERIA FOR DISINFECTION LEVELS				
Micro-organisms		Low	Intermediate	High
Bacteria	Vegetative	+	+	+
	Mycobacteria	-	+	+
	Spores	-	-	+
Fungi		+	+	+
Viruses	Presence of lipid layer	+	+	+
	Absence of lipid layer	-	+	+



Disinfection of instruments and equipment

Class IIb
medical device



LH PERACETIC II

Water-soluble high-level disinfectant and decontaminating powder

Water-soluble powder for disinfection, decontamination, and sterilisation of invasive and non-invasive medical devices. Particularly indicated for surgical instruments and rubber, glass, and porcelain equipment. The solution is highly compatible with all metals, does not cause corrosion and can also be used in ultrasound baths.



8.50 ± 1.50

Effective against bacteria, fungi, mycobacteria, spores, and encapsulated viruses

Active ingredient: Sodium Percarbonate g 35 and Tetraacetylenediamine (TAED) g 23

Tin kg 1 - pkg. 6 pcs.

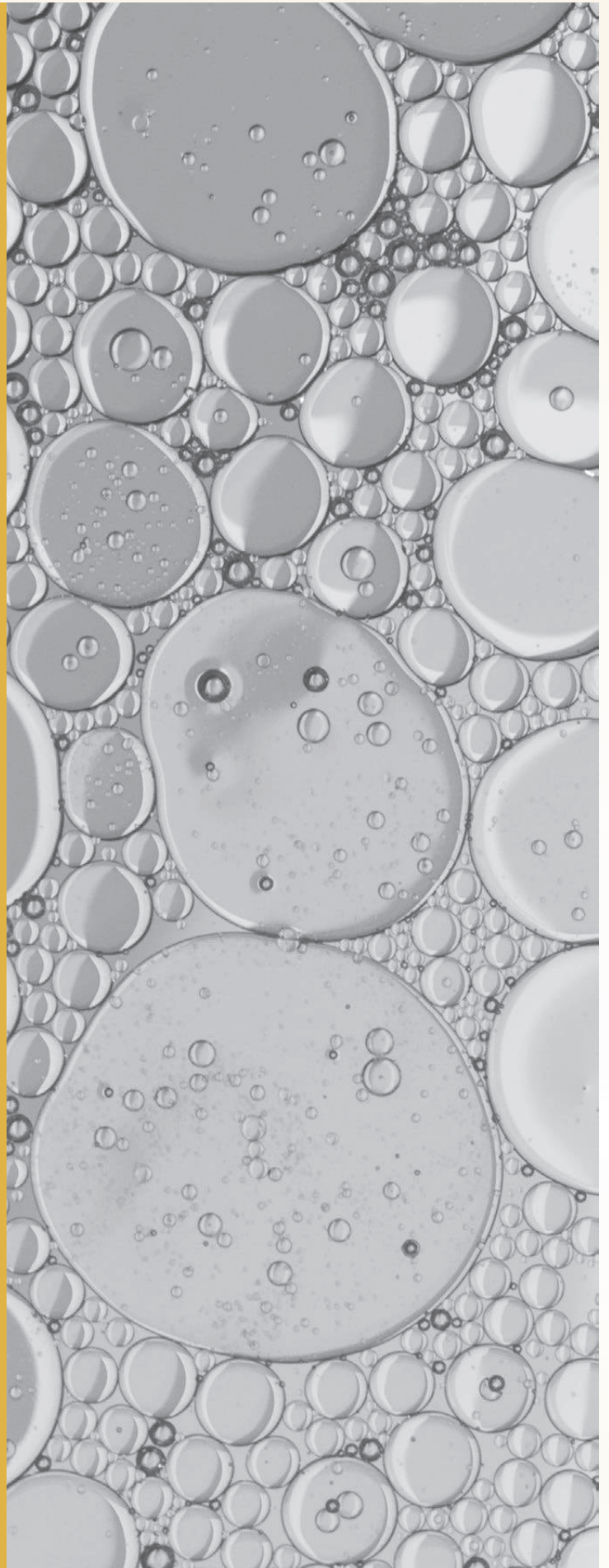
Cod: LHPERACII



Disinfection of instruments and equipment

Disinfection of medical equipment and devices is a crucial step for preventing hospital infections and safeguarding the health of patients and healthcare workers. In complex healthcare environments like hospitals, where the risk of cross-contamination is high, ensuring proper cleaning of equipment is crucial for safety and quality of care.

Disinfection of surgical instruments is not an option, but an essential clinical responsibility. The use of specific products, combined with strict protocols, is the most effective way to protect patient health, ensure safe medical interventions, and limit antibiotic resistance.






LH OPA

**Class IIb
medical device**

Ready-to-use high-level disinfectant

High-level disinfectant solution requiring no dilution, suitable for reprocessing heat-sensitive medical devices. It can be used either manually or in automatic endoscope washing/sterilisation machines. The solution retains its disinfectant properties for 14 days.

 7.50 ± 0.50

Effective against bacteria, fungi, mycobacteria, and encapsulated viruses

Active ingredient: *O-phthalaldehyde g 0.55*

Bottle ml 1000 - pkg. 12 pcs.

Canister ml 5000 - pkg. 4 pcs.

Cod: LHOPA1

Cod: LHOPA5

During the period of use it is advisable to monitor the validity of the solution both with test strips and by visually checking the solution.




LH GLUTARAL

**Class IIb
medical device**

High-level two-component solution

Disinfectant solution requiring activation and indicated for disinfecting medical devices, including heat-sensitive items, surgical instruments, and endoscopes. The product is intended for use in hospitals and day clinics; the activated solution is compatible for use in open or ultrasound baths, and endoscope washing machines. The activated solution has a shelf life of 14 days.

 6.50 ± 0.50

Effective against bacteria, fungi, and spores

Active ingredient: *Glutaraldehyde g 2.00*

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHGLUTARAL1

During the period of use it is advisable to monitor the validity of the solution both with test strips and by visually checking the solution.



PERACETIC ACID TEST STRIPS

Test strips for verifying immersion bath compliance

Box of 100 strips

Cod: CM0091341

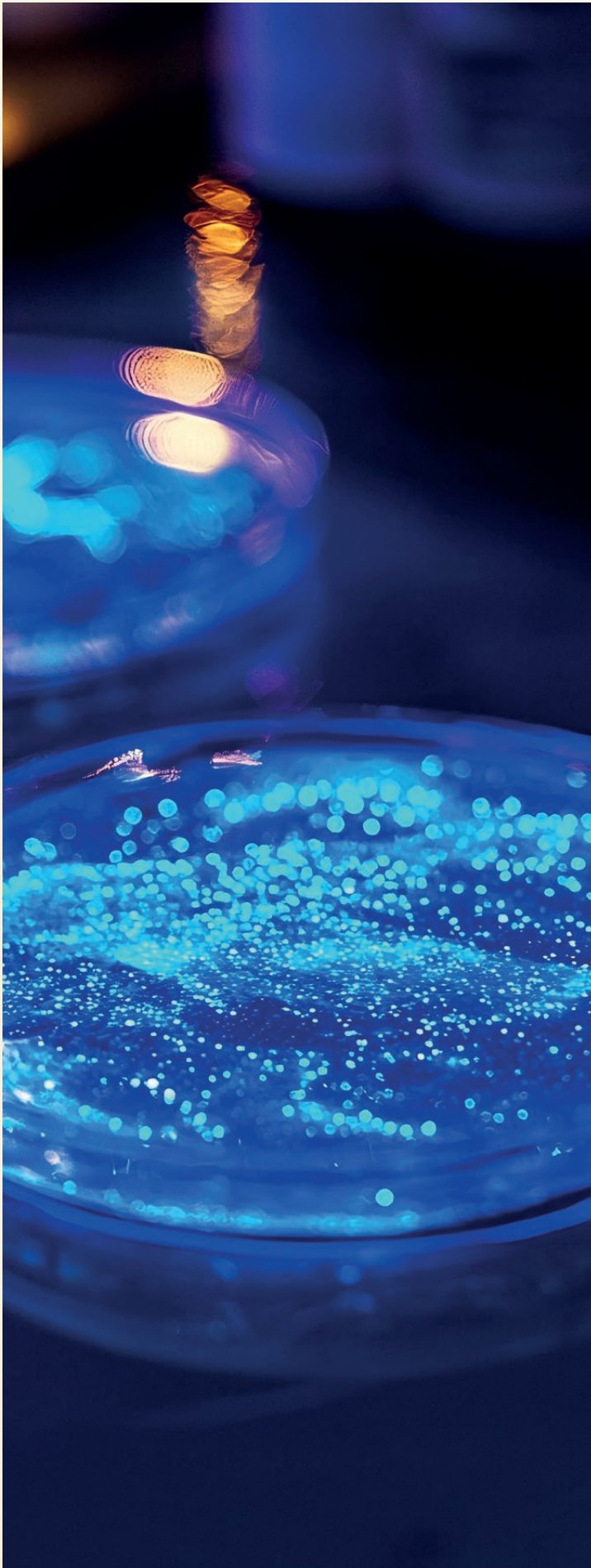
O-PHTHALALDEHYDE TEST STRIPS

Test strips for verifying immersion bath compliance

Box of 50 strips

Cod: 7001

Disinfection of instruments and equipment



BIOFILM

What it is and how it behaves

A biofilm is a three-dimensional structure consisting of a community of micro-organisms, like bacteria or fungi, that attach themselves to a surface and produce a protective matrix of extracellular polymeric substances (EPS). The latter protects the micro-organisms from adverse environmental influences, like dehydration and cleaning, and from antimicrobial agents like antibiotics and disinfectants.

Biofilms exhibit significantly higher resistance to antimicrobial agents compared to micro-organisms in free form


**Class IIb
medical device**



LH BENZALCOLFERRI

Ready-to-use hydroalcoholic disinfectant

Hydroalcoholic solution for the disinfection and preservation of surgical instruments, invasive and non-invasive medical devices, and other medical equipment. The presence of sodium nitrite in the formulation guarantees an anti-corrosion effect.

 7.40 ± 0.74

Effective against bacteria, fungi, mycobacteria, and encapsulated viruses

Active ingredient: Benzalkonium Chloride g 0.30 and Ethyl Alcohol g 56.00 (62% v/v)

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHBFERRI


**Class IIb
medical device**



LH CLOREXIDINA CE

Concentrated disinfectant cleaner

Disinfectant and cleaning solution for treating hospital and operating theatre equipment and surgical instruments before sterilisation, and for invasive and non-invasive medical devices.

 6.50 ± 0.50

Effective against bacteria, fungi, mycobacteria, and viruses

Active ingredient: Chlorhexidine Digluconate g 1.50 and Cetrimide g 15.00

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHCLOREX1

Canister ml 5000 - pkg. 4 pcs.

Cod: LHCLOREX5


**Class IIb
medical device**



LH SANIFORCE

Ready-to-use disinfectant cleaner

Aqueous solution suitable for disinfecting and cleansing invasive medical devices and medical equipment with delicate surfaces not compatible with alcohol. It is also suitable for disinfecting and aseptic immersion storage of medical instruments and devices.

 7.00 ± 1.00

Effective against bacteria, fungi, and encapsulated viruses

Active ingredient: Chlorhexidine Digluconate g 0.50, Didecyldimethylammonium Chloride g 1.00, and Benzalkonium Chloride g 1.50

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHSANIFORCE1


Class IIb
medical device



LH FEN STRUMENTI

Disinfectant and cleanser

Concentrated solution for disinfecting and cleaning surgical instruments and medical devices. Also suitable for cleaning and disinfecting saliva ejection systems in dental clinics.

 12.00 ± 1.00

Effective against bacteria, fungi, mycobacteria, and encapsulated viruses

Active ingredient: *O*-benzyl-*p*-chlorophenol g 5.25 and *O*-phenylphenol g 1.00

Bottle ml 1000 - pkg. 4 pcs.

Cod: LHFENSTI

Canister ml 5000 - pkg. 4 pcs.

Cod: LHFENST5


Class IIb
medical device



LH FEN CONCENTRATO

Concentrated disinfectant and detergent

Concentrated solution for cold disinfection and cleansing of surfaces and invasive or non-invasive medical devices in the laboratory and health sectors.

 12.00 ± 0.50

Effective against bacteria, fungi, mycobacteria, and encapsulated viruses

Active ingredient: *O*-benzyl-*p*-chlorophenol g 7.50, *P*-tert-amyphenol g 2.00 and *O*-phenylphenol g 10.00

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHFENCONI




**Class IIb
medical device**



LH APADIAL

Concentrated disinfectant

Solution suitable for high-level disinfection of dialysis systems and equipment (including osmosis systems).

 1.50 ± 0.50

Effective against bacteria, fungi, mycobacteria, spores, and encapsulated viruses

Active ingredient: A. Peracetic g 0.50, Hydrogen Peroxide g 10, and Acetic Acid g 6

Canister ml 5000 - pkg. 4 pcs.

Cod: LHAPADIAL


**Class I
medical device**



LH DIAL MOVER

Descaling agent for dialysis machines

Ready-to-use solution intended for the removal of encrustations before disinfection, in particular limescale deposits, from the internal circuits of dialysis systems. Product intended for professional use.

 2.50 ± 1.00

Active ingredient: Citric Acid and Glycolic Acid

Canister ml 5000 - pkg. 4 pcs.

Cod: DIALMOVER

**Class I
medical device**



LH OLYPAD

Rinsing adjuvant

Sanitising detergent used for removing limescale with redeposit protection, and as a rinsing agent for washing pans, bedpans, stool containers, test tubes, and other disposal containers and utensils. The product can also be used in automatic machines, such as thermal pan washers and washer-disinfectors.

 3.50 ± 0.50

Active ingredient: Citric Acid, anionic and non-ionic surfactants

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHOLYPAD1

Canister ml 5000 - pkg. 4 pcs.

Cod: LHOLYPAD5



Surface treatment

Products for cleaning and disinfecting washable surfaces

Healthcare environments are critical environments, particularly prone to the outbreak and spread of diseases. Disinfection of medical device and ambient surfaces is essential to

prevent the spread of pathogenic micro-organisms, helping to reduce the risk of infection and maintain safe conditions for both patients and healthcare personnel.

Class IIa
medical device



LH QUATFEN SPRAY

Ready-to-use hydroalcoholic disinfectant

Disinfectant and detergent solution indicated for the treatment of general medical devices and equipment (including dialysis systems); disinfection of dental equipment, in particular external disinfection of the surgery; disinfection of hospital and operating theatre equipment (trolleys, basins, beds, furniture, etc.); emergency decontamination of contaminated instruments.



8.10 ± 0.81

Effective against bacteria, fungi, mycobacteria, and encapsulated viruses

Active ingredient: *Didecyltrimethylammonium Chloride* g 0.10, *O-phenylphenol* g 0.05, and *Ethyl Alcohol* g 72.00 (77% v/v)

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHQUATFENI

Class IIb
medical device



LH SINERSAN SPRAY

Ready-to-use hydroalcoholic solution

Quick and effective disinfection, deodorisation and cleansing of medical devices, hospital equipment, electro-medical and day clinic equipment (instrument shelves, lamps, trolleys, basins, furniture, wheelchairs, beds, dental surgery chairs, etc.).

Disinfection and decontamination of contaminated instruments before sterilisation to prevent the spread of micro-organisms during the retrieval of infected materials.



6.20 ± 0.62

Effective against bacteria, fungi, and viruses

Active ingredient: *Benzalkonium Chloride* g 0.10, *Didecyltrimethylammonium Chloride* g 0.07, *Chlorhexidine Digluconate* g 0.05, and *Ethyl Alcohol* g 52.00 (58 % v/v)

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHSINERSANSP1

Disinfect safely and quickly in a few easy steps

It is essential to respect contact times to ensure effective hygiene during surface disinfection. According to the Robert Koch Institute, regularly disinfected surfaces can be reused once visibly dry. However, there are exceptions when the indicated contact times must be strictly obeyed in order to ensure the effectiveness of the treatment.

The necessary time for a surface to be considered adequately disinfected depends on the type of product used and the effectiveness tests it has passed. It is always good practice to follow the instructions provided in the technical documentation and product label to ensure safe and effective disinfection.



Class IIb
medical device



LH HYDROXYFAST

Ready-to-use disinfectant spray

Ready-to-use disinfectant solution for invasive and non-invasive medical devices and surfaces in general in hospital wards, worktops, operating beds, biomedical equipment, electro-medical equipment, dental surgery equipment (hand pieces, etc.).



3.00 ± 0.50

Effective against bacteria, fungi, spores, and encapsulated viruses

Active ingredient: Hydrogen Peroxide g 5.00 and Ethyl Alcohol g 9.00 (11 % v/v)

Bottle ml 750 - pkg. 6 pcs.

Cod: LHIDROXYF075SP

Ready-to-use disinfectants offer many advantages, including convenience, speed of action, and the ability to reach surfaces that are difficult to treat by other methods. Their use limits waste, environmental impact, and helps reduce the risk of infection, especially on high-contact surfaces like handles, switches, and everyday objects.

A significant advantage of ready-to-use disinfectants is the possibility of treating surfaces that need to be reused soon after disinfection, such as ultrasound probes, examination tables, surgical lights, handrails, telephones, displays, and monitors.

The choice of the most suitable disinfectant depends on the surface material to be treated. This is why **Lombarda H** offers a continuous consultancy service to guide customers in the choice of the most suitable products for their specific needs.

Class IIa
medical device



LH SALVIETTE

Disinfectant wipes for non-invasive medical devices

Non-woven fabric wipes soaked in disinfectant solution for decontaminating non-invasive medical devices before cleaning and sterilisation, for disinfecting clean medical devices, hospital equipment, operating theatre equipment like trolleys, basins, beds, furniture, etc., and for disinfecting dental surgeries and medical day clinics.



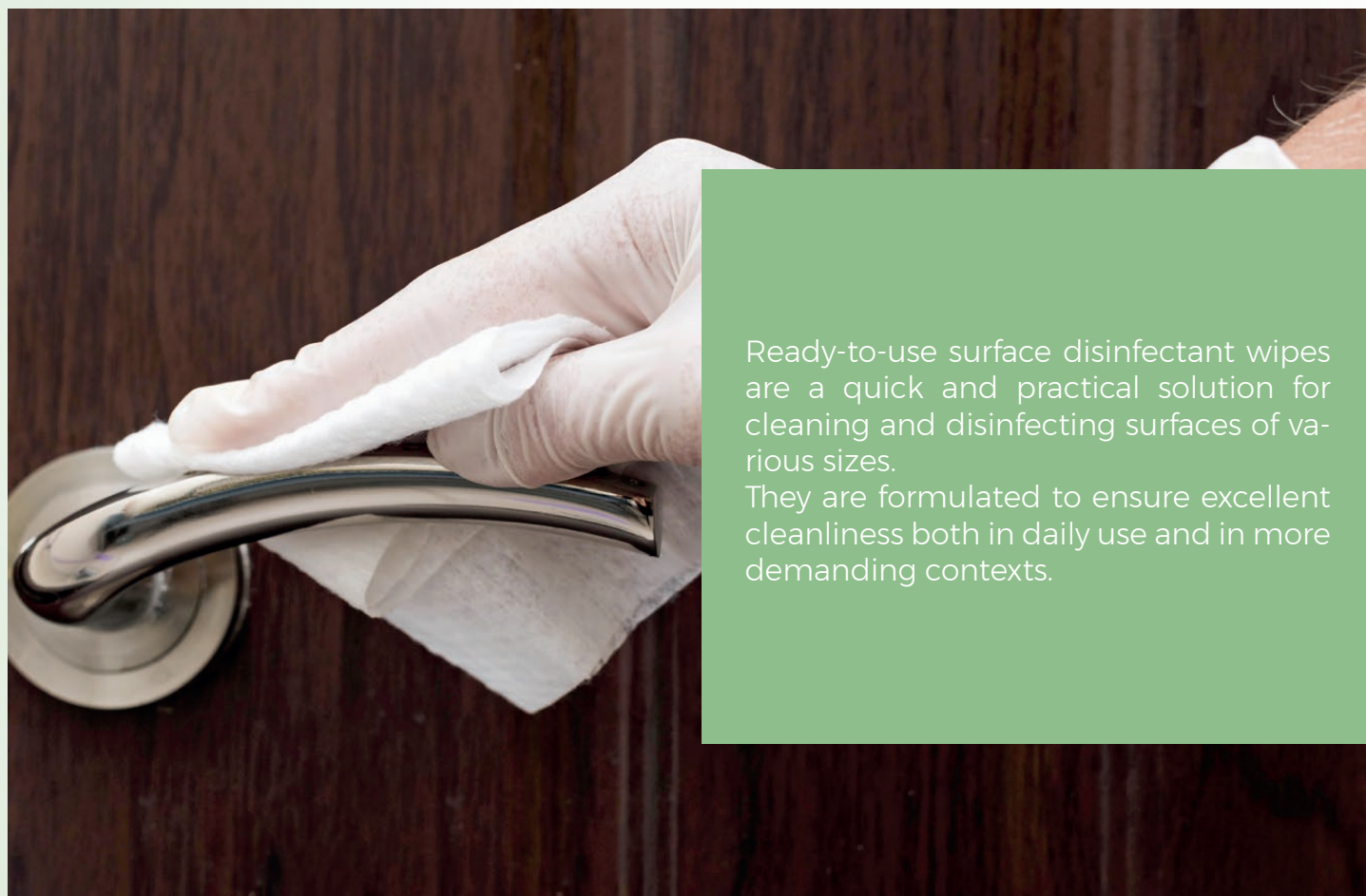
7.00 ± 0.50

Effective against bacteria, fungi, and encapsulated viruses

Active ingredient: *Didecyldimethylammonium chloride* g 0.50 and *O-phenylphenol* g 0.25

Flow-pack of 72 wipes - pkg. 12 pcs.

Cod: LHSALVIETTE



Ready-to-use surface disinfectant wipes are a quick and practical solution for cleaning and disinfecting surfaces of various sizes.

They are formulated to ensure excellent cleanliness both in daily use and in more demanding contexts.



LH AMBIENTE

Concentrated disinfectant cleaner

Solution for disinfecting, cleansing, and deodorising floors, fixtures, and hard surfaces in general: toilet facilities, contaminated clothing, dishes. Protection against fermentation, mould, ambient infections. In the pre-wash cycle of laundry washing machines. In collection containers for contaminated materials.



7.00 ± 0.50

PMC – Reg. Min. Sal. Nr. 18669

Effective against bacteria, fungi, and encapsulated viruses

Active ingredient: Benzalkonium Chloride g 3.00

Bottle ml 1000 - pkg. 12 pcs.

Cod: LHAMBIEN1

Canister ml 5000 - pkg. 4 pcs.

Cod: LHAMBIEN5

Lombarda H offers a complete range of specific detergents and disinfectants for every type of surface and degree of soiling, guaranteeing high standards of cleanliness.

Our pleasantly perfumed solutions not only thoroughly disinfect and clean, but also help deodorise the area, providing a reassuring impression of cleanliness.

Thanks to the concentrated formulation, optimal results can be achieved with less product. This allows precise dosing, greater flexibility in use, and effective adaptation to different operational requirements.

In brief, **Lombarda H**'s concentrated solutions provide an efficient, sustainable, and cost-effective choice for many professional sectors.

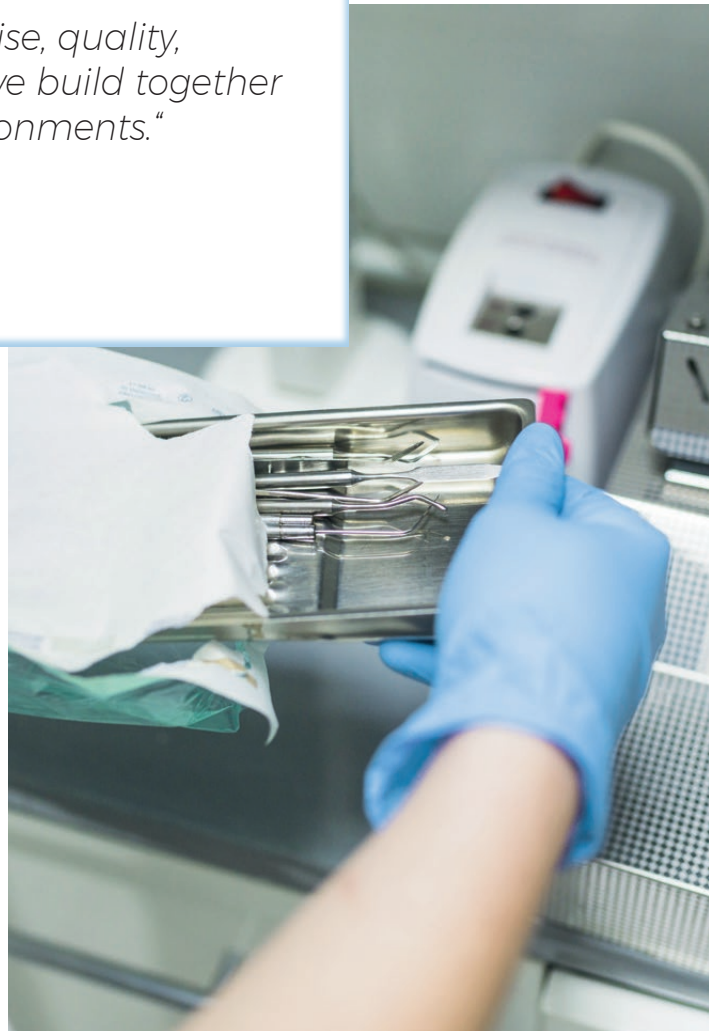
Looking after the various different environments protects the health of those present, prevents the spread of micro-organisms, and reduces the risk of infection.





"Lombarda H,
Your trusted partner
in daily prevention and protection.

With expertise, quality,
and innovation, we build together
safer environments."





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