

## Superior disinfection

High-level disinfection in 2/5 minutes

LifeClean Disinfectant is a range of alcohol-free, High-level surface disinfectants intended for environmental and high-touch surfaces in healthcare and other professional settings. Use is restricted to professional and industrial users only.

Unlike conventional disinfectants, LifeClean provides **High-level disinfection**, ensuring rapid and complete elimination across the entire microbial spectrum; from easily inactivated organisms such as planktonic bacteria, yeasts, and enveloped viruses to the most resistant microorganisms, including bacterial and fungal spores, mycobacteria, small and large non-enveloped viruses (e.g., Calicivirus), and biofilm bacteria.

LifeClean is a patented chlorine dioxide (ClO<sub>2</sub>) formulation, meeting relevant EN standards and validated by independent third-party laboratory testing<sup>1</sup>.



### Short contact time

LifeClean acts directly on microbes, achieving rapid elimination with minimal contact time; saving time and reducing surface material stress.

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### 0.5-5 minute contact time

### User-friendly

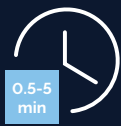
RTU products that are easy to use. Store at room temperature. Non-flammable. Transient smells. Remember to wipe or rinse metal surfaces after contact time.

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### No mixing required



Scientifically proven



Short contact time



Sporicidal



Effective against biofilm bacteria



Does not contain alcohol or free chlorine

## Effective against biofilm

LifeClean breaks down biofilms and eliminates microbes. Continuous use of LifeClean counteracts the construction of biofilms. As part of the product's unique composition, LifeClean also contains surfactants that provide a cleaning effect.

## Does not induce resistance

When used as directed, LifeClean inhibits DNA/RNA reproduction and destroys RNA coding, preventing microbial multiplication and resistance development. Proven effective against clinically confirmed multiresistant strains, including MRSA, ESBL, and VRE.

## Safer working environment

Safe to use when used as intended. The products are not classified as hazardous under CLP (1272/2008). Their components and by-products are easily degradable. Consists of 99.6 % water.

## Eliminates bad odors

Alcohol-free odor remover that works by breaking down malodorous molecules and eliminating the microorganisms that cause the bad odor

## ClO<sub>2</sub> is not "chlorine"!

Unlike sodium hypochlorite and other chlorine-releasing compounds, chlorine dioxide (ClO<sub>2</sub>) acts through electron transfer, not chlorination. It provides higher oxidative efficacy per ppm<sup>2</sup> while avoiding halogenated by-products such as trihalomethanes<sup>3</sup>.

## Proven effect against e.g<sup>1</sup>:

Spores	• Clostridioides difficile (Clostridium difficile) • Bacillus subtilis • Bacillus cereus
Virus	• Poliovirus • Adenovirus • Murine norovirus (MNV), e.g., winter vomiting (Calicivirus) • Infectious Pancreatic Necrosis Virus (IPNV) • Avian influenza virus (H10N7) • Porcine parvovirus (PPV) • Coronaviruses
Parasites	• Lepeophtheirus salmonis (salmon louse) • Gyrodactylus salaris • Coccidia spp.
Fungi & yeast	• Candida albicans • Aspergillus brasiliensis (black mold) • Candida auris
Bacteria	• Enterococcus hirae • Pseudomonas aeruginosa • Escherichia coli (E. coli) • Campylobacter jejuni • Salmonella Typhimurium • Legionella pneumophila • Aeromonas salmonicida (Furunculosis) • Yersinia ruckeri (Redmouth) • Klebsiella pneumoniae (ESBL) • Enterococcus faecium (VRE) • Acinetobacter baumannii • Staphylococcus aureus • Listeria monocytogenes • Streptococcus equi • Carnobacterium piscicola (Carnobacterium maltaromaticum)
Mycobacteria	Mycobacterium terrae • Mycobacterium avium • Mycobacterium tuberculosis



Healthcare



Food industry



HoReCa



Aquaculture



Veterinary healthcare



Industrial

USE BIOCIDES SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE.

References: (1), Microbiological Efficacy Summary | (2), Lenntech B.V. Disinfectants Chlorine Dioxide. [www.lenntech.com](http://www.lenntech.com) | (3), Bowler, P. 2021. 'Infection, Infection Control, and Disinfectants in a Challenging Infection Era'. International Journal of Infection Control. <https://doi.org/10.3396/ijic.v17.21564>