

# DCP DRY FOG

HIGH-EFFICIENCY ROOM DISINFECTION  
USING DRY FOG TECHNOLOGY BASED ON  
HYPOCHLOROUS ACID (HOCL)



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**DCP DRY FOG IS AN  
ADVANCED, READY-  
TO-USE SURFACE AND  
ROOM DISINFECTION  
SOLUTION BASED ON  
HYPOCHLOROUS ACID  
(HOCL).**

The system utilizes a dry fogging method that ensures comprehensive, contact-free disinfection of indoor spaces. It is highly effective, user-friendly, and safe for humans and the environment.

## SCIENTIFIC AND TECHNICAL BASIS

DCP DRY FOG contains a precisely defined concentration of hypochlorous acid (HOCl), generated via electrolysis. This makes the solution significantly more effective than conventional sodium hypochlorite (NaOCl) products, achieving a microbial reduction of at least 5 log levels.

HOCl works by creating an osmotic imbalance that leads to the destruction of pathogenic cells, while remaining entirely harmless to human cells and tissues.

The formulation consists solely of:

- Water
- Salt
- HOCl / NaOCl
- Stabilized by an advanced electrochemical process
- Free from alcohol and hazardous chemicals

## KEY FEATURES

- Innovative dry fog technology for room-wide disinfection
- No cross-contamination as occurs with traditional wiping methods
- Extremely dry mist with ultra-fine droplet particles – no wiping or drying necessary
- Non-toxic and safe for human health (even during active fogging)
- Environmentally safe – can be disposed of via household waste or wastewater
- Certified according to EN 17272:2020
- Non-flammable, pH-neutral, and non-cytotoxic
- Free from alcohol and hazardous chemicals

## APPLICATION ADVANTAGES

- No classification as hazardous material
- No need for protective equipment or ventilation during application
- Can be safely used in occupied spaces
- Requires no post-cleaning
- Fully biodegradable and environmentally neutral
- Long-term material compatibility, including plastics and foams
- Approved for use in areas connected to the water and food supply chains



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## CERTIFIED HYGIENE SYSTEM

- Plug & play application – no prior knowledge required
- No special protective measures for the operator necessary
- Health-safe dry fog with proven safety data
- Touchscreen interface with intuitive user guidance

The DF SPIRIT unit calculates the required fogging and exposure time based on the room size and automates the entire process. Disinfection begins immediately after liquid insertion and parameter input. Users can export detailed disinfection logs in Excel format for documentation purposes.

## CERTIFIED ACCORDING TO EN 17272:2020

TEST CERTIFICATE: 20514781A

Standard: EN 17272 – Chemical disinfectants and antiseptics – Quantitative carrier test method for the evaluation of virucidal, bactericidal, fungicidal, sporicidal, tuberculocidal, mycobactericidal, and phage efficacy in air-mediated disinfection by automated processes (human medicine, veterinary, food industry, public and military sectors, Phase 2/Step 2).

## APPLICATION AREAS

The DCP DRY FOG system is suitable for nearly all indoor environments, including:

- Medical and dental practices
- Hospitals and care facilities
- Food processing and catering
- Pharmaceutical and industrial production
- Public transport, education, and childcare facilities
- Military and governmental use
- Sanitary and hygiene-sensitive areas

