

FOR YOUR PROTECTION

Utilizing **100% Natural HOCl**
Hypochlorous Mist

PRODUCT CATALOG

Automated, consistent disinfection is the way to eradicate viruses and improve indoor air quality.



MistShield protects against viruses such as:

- COVID-19
- Common cold
- MRSA
- Shigella
- Influenza
- Hepatitis
- Novovirus
- Salmonella

+ 39 other disease causing bacteria and viruses



HOCL IS EPA
APPROVED TO KILL
VIRUSES.



MistShield
Harnessing The Power Of Nature

Cleaner Air
Harnessing the Power
of Nature

www.MistShield.com | 800-924-7716

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PRODUCT CATALOG



App-controlled, wall-mounted device providing sanitization, disinfection & safer air.

**20
22**

MistShield is a game changer as part of a 24/7 disinfection regimen



mistshield.com

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2022

The Destruction of Aerosolized Virus Utilizing MistShield™

“The results of the test yielded a first of its kind 99.9998% kill rate / reduction of virus in the air”

MistShield is proud to announce that as of January 13th, 2022 it has successfully completed its independent, third party lab study labeled, "Destruction of aerosolized viruses utilizing a MistShield atomizer and hypochlorous (HOCl)." The results of the test yielded a first of its kind 99.9998% kill rate/reduction of viruses in the air and a near 6 log reduction.

Eradicating viruses circulating through the ambient air has been the pressing topic amongst scientists, regulatory bodies, and the global medical community ever since the CDC and WHO jointly confirmed the aerosolized transmission of COVID-19.

The results of the study are significant, have global implications, and apply to all sectors of industry. Eliminating viruses before they can transmit between people provides long-overdue protection and security from the aerosolized threat of viruses such as COVID-19, Flu, common cold, and Hospital Acquired Infections (HAI).

MistShield technology is already being used by major corporations such as the Hard Rock Hotel and Casino - PLA, the Florida Panthers, Major Universities, Memorial Health and now looks to further implement its system in facilities across the USA and around the world.

Congratulations to the many who have already implemented MistShield technology prior to the drastic lab findings, and for having the foresight to best protect your staff and patrons.



What is MistShield?

HOW IT WORKS


The carefully measured micron level of the droplets (mist density) allows for the perfect amount of HOCl mist to be emitted, covering entire areas, leaving no wet residue, ultimately disinfecting wide areas and improving indoor air quality.

BENEFITS


- Destroys 99% of airborne bacteria and viruses including Covid-19
- Completely automated system
- Control from your smart phone
- Full technical support
- Improve air quality and human health
- Reduce the risk of pathogens and infections

MistShield is an app-controlled, wall-mounted device that provides 24/7 disinfection and superior air quality using HOCl.


FULLY AUTOMATED AND PROGRAM CONTROLLED FROM A PHONE OR PAD


Full multi-device management system 


Notified when liquid is needed 

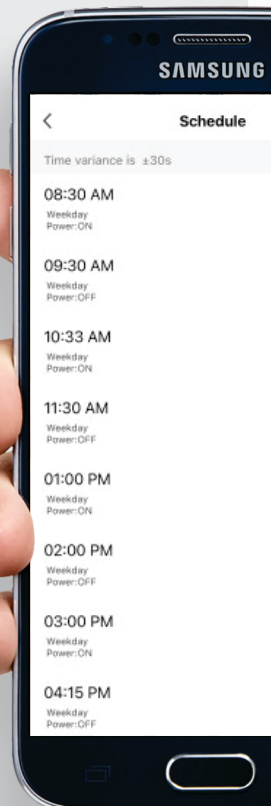
Continuously on or intervals 

Calibrated linger rate 

Control from anywhere in the world 

Pair with third party apps such as Alexa auto on/off 

Truly set it and forget it! 



Scan for video





HOW IT WORKS

We use Hypochlorous (HOCl) in an automated, smart technology aerosol with a very fine droplet size. HOCl works best while aerosolized via a specialized ULV, non-corrosive ultrasonic misting device. Hypochlorous (HOCl) is safe for humans, pets and food. It is non-toxic and all-natural.

EFFECTIVE AGAINST

- Covid-19 • Common Cold • MRSA • Shigella • Influenza
- Hepatitis • Norovirus • Salmonella • Plus over 39 other diseases and viruses

BENEFITS

- HOCl is EPA-Approved for use against SARS, the virus that causes Covid-19
- No safety mask, no gloves, no goggles required during application
- No work interruption
- Biodegradable, eco-friendly
- OSHA compliant, EPA registered HOCl
- Eradicates antibiotic resistant strains including MRSA and VRE
- Kills bacteria, viruses, mold, algae and odors
- Systematic, sustainable cleaning and disinfecting
- Stops chemically induced office equipment discoloration and deterioration
- Saves time, money, labor
- One-step disinfecting
- Increases facility safety
- Improves regional air quality and human health
- Reduces the risk of pathogens and infections



HOCl Technology

- MistShield utilizes hypochlorous mist (HOCl), a naturally occurring chemical produced by our white blood cells in order to fight bacteria and viruses.
- HOCl is 80-100 times more effective at killing pathogens than chlorine bleach.
- HOCl has been used for decades including on the battle fields of the World Wars to clean wounds.
- MistShield uses only EPA approved HOCl.



Mist Density Comparison

Mistshield Utilizes Dry Fog Application

Drop Size	Large Droplets (Spray)	Medium Droplets (Mist)	Small Droplets (Wet Fog)	Very Small Droplets (Dry Fog)
	100 microns plus	100-40 Microns	40-10 Microns	Sub 10 Micron
Airborne Pathogens	Poor. Little or no effect.	Poor. Minimal effect.	Good. Will remain airborne for some time.	Excellent.
Surface Pathogens	Good but may require secondary action.	Good. Generally good coverage.	Excellent. Will give good coverage at reasonable concentration levels.	Average. May kill surface dwelling pathogens but contact time will be minimal as it remains airborne.
Spray Distribution	Poor. Only in direct line of sight of spray.	Average. Will give good coverage of target surface but minimal distribution by air currents.	Excellent. Will cover the surface in an even way. Will penetrate well in and around complex shapes via air movements.	Mixed. Excellent distribution to all areas. But the fog does not settle on surfaces well.
Wetting	Yes. Surfaces will be wet or damp even at low flow rates.	Yes. Surfaces will be damp but can be minimal at low flow rates.	Minimal. No wetting can be achieved with sensible nozzle positioning at distance from target.	No wetting.
Settling Time	Very low. Settles instantly.	Low. Settles very quickly within seconds.	Medium. Settles within 10-60 minutes.	High. Remains airborne for hours depending on environmental conditions.

HOCl Sanitizer Comparison

	MistShield HOCl	Alcohol	Bleach	Hand Sanitizer
Effective against bacteria & viruses	✓	✓	✓	✓
Broad spectrum antimicrobial	✓		✓	
Not harmful to skin	✓			✓
Not harmful to eyes or mouth	✓			
Can be aerosolized, leaving no residue	✓			
Eliminates odors	✓			
Non-flammable	✓		✓	✓
Not harmful to food	✓			

MistShield is a non-toxic, all-natural aerosolized misting device that disinfects the air we breathe using natural non-toxic hypochlorous mist.

According to the AMA, CDC and other leading organizations, viruses such as COVID-19, H1N1, SARS and MRSA are transmitted throughout the air.

MistShield is not only extremely easy to install but the included app allows the user to set it and forget it!

MistShield Technology Comparison

	MISTSHIELD	FOGGERS	HEPA FILTER	UV LIGHT	TRUDY	N95MASK
Effective against bacteria & viruses	YES	YES	YES	YES	YES	YES
Not harmful to skin	YES	YES	YES	NO	NO	YES
Not harmful to eyes or mouth	YES	YES	NO	NO	NO	YES
Continuously disinfecting	YES	NO	NO	NO	NO	NO
Kills pathogens	YES	YES	YES	YES	YES	NO
Fully automated	YES	NO	YES	YES	NO	NO
Leaves no residue	YES	NO	YES	YES	YES	YES
Eliminates odors	YES	NO	NO	YES	NO	NO
Not harmful to food	YES	NO	YES	NO	NO	YES
Pet friendly	YES	YES	YES	NO	NO	YES
Can be aerosolized	YES	YES	NO	NO	NO	NO

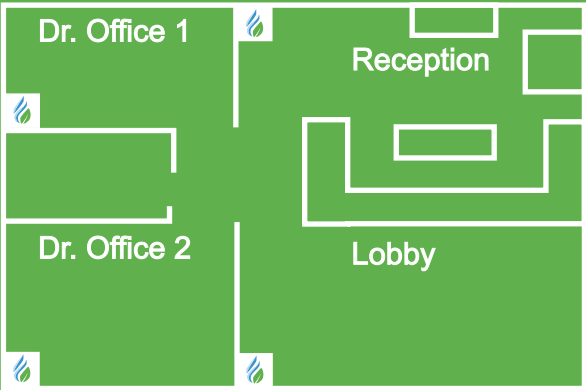
Unit Coverage & Square Footage



DOCTOR'S. OFFICE 2000SF

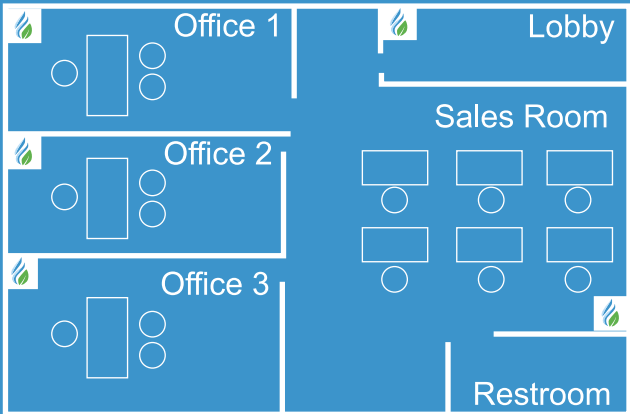


- Power 1 Dr. Office 1
- Power 1 Dr. Office 2
- Power 3 Reception
- Power 3 Lobby



OFFICE APPROX. 3000SF

- Power 1 0-600SF
Low Foot Traffic
- Power 2 0-900SF
Medium Foot Traffic
- Power 3 0-1200SF
High Foot Traffic



Call For Large Commercial Space Options



Wall Mounted or Free Standing
Easy Installation Kit Included
Optimum Installation 6-8 Feet High
Causes No Sound or Vibrations
Machine Weighs 2 Lb Empty and 6 Lb with Liquid
Set It And Forget It



Remove the top of the misting device.



Drop in the restrictive floater with the rubber regulator facing downward.



Attach the floater stem to the lid and turn to secure.



Pour in the MistShield™ provided hypochlorous solution.



Replace the top of the misting device on the base.



Begin misting all natural HOCl.

HOCl Clinical Studies



Hypochlorous safe for inhalation

[CLICK HERE](https://tinyurl.com/2p8ec35r) <https://tinyurl.com/2p8ec35r>



Clinical study on hypochlorous killing Covid in seconds

[CLICK HERE](https://tinyurl.com/4be6zm9n) <https://tinyurl.com/4be6zm9n>



Hypochlorous (HOCl) and MistShield

Clinical studies proving atomizing HOCl reduce his hospital acquired infections

[CLICK HERE](https://tinyurl.com/232u97fn) <https://tinyurl.com/232u97fn>



Data suggest that HOCl can be used in spray form to inactivate AIV.

When HOCl solutions were sprayed directly onto sheets containing the virus for 10 seconds, the solutions of 100 and 200 ppm inactivated AIV immediately. The 50-ppm solution required at least 3 minutes of contact time.

[CLICK HERE](https://tinyurl.com/mrkkzyhx) <https://tinyurl.com/mrkkzyhx>



Hypochlorous Acid: Harnessing Nature's Germ Killer

The perfect weapon to fight germs. It hits hard against pathogens. Yet this powerful weapon is 100 percent safe for humans, chemical free, non-toxic and all-natural.

[CLICK HERE](https://tinyurl.com/2kjfk7sb) <https://tinyurl.com/2kjfk7sb>



The American medical Association together with the CDC reference being excited about hypochlorous Misting.

Project Firstline—CDC's new national training collaborative for infection control.

[CLICK HERE](https://tinyurl.com/2mzhaj7x) <https://tinyurl.com/2mzhaj7x>



Impact of a Whole-Room Atomizing Disinfection System on Healthcare Surface Contamination, Pathogen Transfer, and Labor Efficiency

[CLICK HERE](https://tinyurl.com/yc69r7z6) <https://tinyurl.com/yc69r7z6>

Englewood EMERGENCY

Healthcare Sector

Hypochlorous acid solution is a potent antiviral agent against SARS-CoV-2

CLICK HERE <https://tinyurl.com/4be6zm9n>

Misting hypochlorous is more effective than standard procedures and lowering ATP scores

CLICK HERE <https://tinyurl.com/4uvumxnc>

Improved disinfecting with HOCl mist

"HOCl cleaning and disinfection in GI ASCs is more effective than standard procedures in lowering ATP scores following endoscopic procedures in procedure rooms. HOCl terminal misting of the rooms further improves the cleaning and disinfecting results."

CLICK HERE <https://tinyurl.com/3ef9wch8>

Hypochlorous reducing HAI including Cdiff

CLICK HERE <https://tinyurl.com/yfhcatdt>

Misting Hypochlorous in the surgical setting

CLICK HERE <https://tinyurl.com/y2kxnmrh>

Hypochlorous misting widely used in healthcare

CLICK HERE <https://tinyurl.com/2p79n3s5>



Healthcare Sector

HOCl is safe to use as a disinfectant and possible for medical use.

Because HOCl is well tolerated when inhaled, studies are underway to explore the use of inhaled HOCl for the treatment of pneumonia and COVID-19 infection

[CLICK HERE](https://bit.ly/3GkKXKa) <https://bit.ly/3GkKXKa>

Spraying fine smoke-like mist makes air and surfaces virus-free Hypochlorous acid (HOCl) to sanitize air and disinfect surfaces in hospitals in hospitals, nursing homes, patient rooms, emergency rooms, dental offices, meat processing plants, schools, and more. Spraying their proprietary fine smoke-like mist makes air and surfaces virus-free.

[CLICK HERE](https://tinyurl.com/29pz5d6c) <https://tinyurl.com/29pz5d6c>

HOCl significantly reducing infection and increase in patient quality.

This preliminary clinical study demonstrates that standard terminal cleaning followed by the routine use of electrostatic HOCl spray is effective in significantly reducing environmental bioburden found to be essential for infection prevention and patient quality assurance.

[CLICK HERE](https://tinyurl.com/232u97fn) <https://tinyurl.com/232u97fn>



Education, Corporation, Transportation-Travel Sectors

Education

Georgia Tech announcing use of HOCl due to non toxicity and green.

CLICK HERE <https://tinyurl.com/sk9kymsu>

Corporations

66% of employees want better office cleaning practices before returning to work.

CLICK HERE <https://tinyurl.com/2vee9a3p>

Transportation / Travel

Staterooms, suites and public areas will be cleaned, The disinfectant used for fogging is hypochlorous acid, a non-toxic, powerful oxidant that effectively kills bacteria, spores and viruses.

CLICK HERE <https://tinyurl.com/2p88j57u>

Entertainment & Hospitality

FDA approving hypochlorous safe for food

[CLICK HERE](https://tinyurl.com/5n8rp7aa) <https://tinyurl.com/5n8rp7aa>

Misting Hypochlorous in Hotels.

“Ask the hotel if they are disinfecting airborne pathogens via an electrostatic sprayer that uses an EPA-registered disinfectant. If hotels are taking the proper precautions, they should be disinfecting using a diffuser that sprays a mist into the air and kills airborne pathogens, as well as cleaning surfaces. If hotels are only wiping down surfaces, it isn't sufficient to keep guests protected.”

[CLICK HERE](https://tinyurl.com/yvtmxfp2) <https://tinyurl.com/yvtmxfp2>

Clayton Hotels Using Non-Toxic HOCl for Disinfection

Clayton using HOCl including advice from leading experts on this type of technology which has carbon reduction benefits that include it's non-toxic and environmentally friendly, which is in keeping with sustainability goals.

[CLICK HERE](https://tinyurl.com/23nyyvkh) <https://tinyurl.com/23nyyvkh>

Atlanta falcons using hypochlorous to disinfect Mercedes-Benz stadium

[CLICK HERE](https://tinyurl.com/yc4k6jyf) <https://tinyurl.com/yc4k6jyf>

Testimonials

"Mist Shield's continuous disinfection has literally changed our practice - and given much needed confidence to the physicians, our staff and patients."

Dr. Ariel Softer, Board certified Cardiologist, CEO/Soffer health

"We previously spent a lot of time cleaning in between patients and now have an automated system helping to take care of it, while simultaneously cleaning the ambient air that we breathe. We couldn't be happier."

Dr. Keith Skolnick, Board certified Ophthalmologist, COB Fort Lauderdale Eye Institute

"We underestimated the role of air quality and high-quality masks because we underappreciated that this was spreading through aerosol transmission."

Dr. Scott Gottlieb, Former FDA Commissioner



The public has awakened to the importance of hygiene and is demanding better protection from their physician practices, hospitals, retailers, airlines and cruise ships.

Sample of MistShield Clientele.

Ft. Lauderdale Eye Institute
Karma 7 Salon & Spa
Total Women's Health Care of S. Broward
Hard Rock PLA
Pediatric Associates
Dr. Mitch Ghen
Pines Ice Arena
Educational World
National Tax Advisory
Memorial Healthcare
Living Arts Dance Studio
Redline Athletics
FPC Euro
Glami Studio
Hijinks Bar & Grill
JAFCO Children's Ability Center
Soffer Health
Eagles Haven Wellness Center
Mohorn Oral Surgery
The Fitness Source
Englewood Health
Multiple Residential locations



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MistShield™

**It's time to reclaim the
spaces where we work
and play.**