ICP
BUILDING SOLUTIONS GROUP

# ADVANCED CORONAVIRUS DISINFECTION SOLUTIONS


The COVID-19 Pandemic has created an unprecedented increase in the size, scope, and urgency of projects requiring professional disinfection. ICP's highly specialized Environmental Restoration Group (ERG) provides class-leading, field-tested products you can count on in these uncertain times.

**06**

## List N Products

6 ICP products are on the EPA's List N for use against emerging pathogens like COVID-19

**120**

## Organism Kill Claims*

ICP products are proven against all pandemic influenza strains (A,B,&C incl, H1N1, H5N1, and H5N8) as well as human coronavirus

**03**

## Disinfectant Options

ICP offers chemistry choices: RTU (Ready-To-Use), Concentrated, & Prepared Wipes

**40+**

## Years of Experience

ICP's Environmental Restoration Group has 55 years of expertise in the remediation of contaminated environments

* ShockWave RTU and Concentrate are both EPA registered to kill 120+ microorganisms

ICPGROUP.COM/CORONA

# TRUSTED BRANDS & PROVEN PRODUCTS FOR ALL YOUR DISINFECTING NEEDS


| ICP Product | Benefect® Decon 30 | Benefect® Wipes | Fiberlock® Shockwave Concentrate | Fiberlock® Shockwave RTU | Fiberlock® IAQ 2000 | Fiberlock® IAQ 2500 |
|---|---|---|---|---|---|---|
| EPA List N: meets requirements for COVID-19 | ✓ APPROVED * | ✓ APPROVED * | ✓ APPROVED * | ✓ APPROVED * | ✓ APPROVED * | ✓ APPROVED * |
| * List N includes products that meet EPA criteria for use against SARS-CoV-2, the novel coronavirus that causes COVID-19. For more information please visit www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2 These products can be used against COVID-19 when used as directed. For more information visit: icpgroup.com/corona | | | | | | |
| EPA Registration Number | 84683-3-74771 | 84683-4-74771 | 61178-1-73884 | 61178-2-73884 | 1839-95-73884 | 1839-83-73884 |
| Formula | Ready-To-Use | Wipes | Concentrate | Ready-To-Use | Concentrate | Ready-To-Use |
| Hospital-Grade Disinfectant | Yes | Yes | Yes | Yes | Yes | Yes |
| Chemistry | Botanical | Botanical | Conventional | Conventional | Conventional | Conventional |
| Attributes | Lowest toxicity category. Botanical. Ready-To-Use. | Botanical, Convenient to use wipe, Ideal for touch points. | Economical Concentrate. Effective at 98% soil loads. | Convenient Ready-To-Use formula. | Economical Concentrate. | Convenient Ready-To-Use formula. |

ICP BUILDING SOLUTIONS GROUP

At ICP, we understand how builders build and how buildings work – our 26 brands and 14,000 products serve over 150 distinct architectural processes in construction. Now for COVID-19, the ERG team is ICP's tip of the spear bringing antiviral strategy to every community and industry in need.

Benefect

**For More Information on Benefect's Authentically Botanical Products:**

1-800-909-2813
customerservice@benefect.com
www.benefect.com

Fiberlock TECHNOLOGIES

**For More Information on Fiberlock Professional Disinfectants:**

1-800-342-3755
info@fiberlockcom
www.fiberlock.com

ICP BUILDING SOLUTIONS GROUP

**TECHNICAL BULLETIN**
DISINFECTANT DELIVERY METHODS & EQUIPMENT

ENVIRONMENTAL RESTORATION GROUP

**AN ICP MASTERWORKS COMMUNICATION**
For additional information, tech support, training, and more visit icpgroup.com/programs/masterworks

# LARGE SPACE DISINFECTION: EQUIPMENT AND APPLICATION METHODS

When an emerging pathogen situation (such as COVID-19 in 2020) transitions to community spread an enhanced surface disinfection protocol is critical to help reduce the risk of further spread. Large spaces such as schools, airports, public and commercial buildings present a unique challenge. Utilizing an application method designed for these situations brings significant benefits.

- **Minimize interruptions or closures to avoid inconvenience, economic hardship or relocation**
- **Balance speed and scale with required dwell time to ensure efficacy**
- **Reduced contact between public and cleaning crews**

## FOAMING APPLICATORS

Foam sprayers can be powered or manual, and in an array of configurations and sizes.

**Attributes:**

- Lower cost compared to other methods
- Minimal runoff results in less cleanup
- Increased hang time, ideal for vertical surfaces
- Product is easy visible during application, reducing overuse/waste
- Minimal training
- Often slower than the other methods in large spaces
- Terrific for hard to reach spots that breed germs like backwash/overflows in sinks
- Useful in everyday remediation activity

## AIRLESS SPRAYERS

Airless sprayers are ideal for large and complex areas and result in the best blend of wetting with minimal mess, solving surface tension holdout, and logistics.

**Attributes:**

- Disinfection specific settings utilizing high-efficiency tips yield large droplets and longer wet contact time
- Applicator can control spray fan radius reducing product use by as much as 70%
- High production rates, portable & flexible
- Equipment can be multi-functional, reused for other applications
- Lower cost to purchase, easy and inexpensive to maintain, field serviceable
- Larger systems can support 2-3 applicators working at the same time



For more information: 1-800-909-2813 | 1-800-342-3755 | customerservice@benefect.com | info@fiberlock.com

## ELECTROSTATIC SPRAYER

The only method that creates a "dry fog". Electrostatic atomizes cleaning solutions to produce an electrically charged spray able to wrap around surfaces of all types for an even coat, and reach areas other methods cannot. After proper training, electrostatic has a valued niche role in disinfectant application.

**Attributes:**

- Dry fog produced can be useful as a pre-treatment or knockdown application within severely contaminated areas prior to entry of specialized cleanup teams, which improves worker safety
- Production rates can seem high, but efficiency of laying down an ultra-thin layer often works against disinfection because surface will dry out sooner than required dwell ("kill") time
- Wrap around effect cannot be acheived if surfaces cannot be charged, so certain common needs like carpet sanitizing are not an option
- Equipment investment is expensive, field-fixes are difficult, and repair frequency is highest of these four methods
- Proper training is required

## COLD MISTERS/FOGGERS

Cold mist and fog generating devices use pressure instead of heat to vaporize and deliver disinfectants. These powered devices can yield single digit micron droplets; or deliver a soaking mist.

As indicated by the name, ULV (Ultra-Low Volume) misters and foggers economically transform low amounts of fogging liquid to substantial yet very fine droplet mists.

**Attributes:**

- Adjustable to produce as small as <10 microns, these droplets can remain airborne for hours which increases probability of bonding with aerosols and particulates, and pulldown (bringing unwanted airborne contaminants down to cleanable floors).
- Cold mist/fog processes avoid problems with thermal foggers including fire risk, pungent odors, and hard-to-clean oily residues.
- To preemptively mist suspected areas of severe contamination, many units can be calibrated to set and walk-away: resulting in reduced hazard with less direct exposure to cleanup workers.
- Hand-held and directed by skilled applicators, mist/fog generators can deliver a targeted, mobile and efficient disinfection ideal for complex spaces like buses or metro/subway passenger cars.

The appropriate method will be dependent on the individual project and objectives. Whichever method utilized always review the disinfectant label for complete application instruction and to ensure it is appropriate for your project.