



Fuzion™ Cleaner Disinfectant



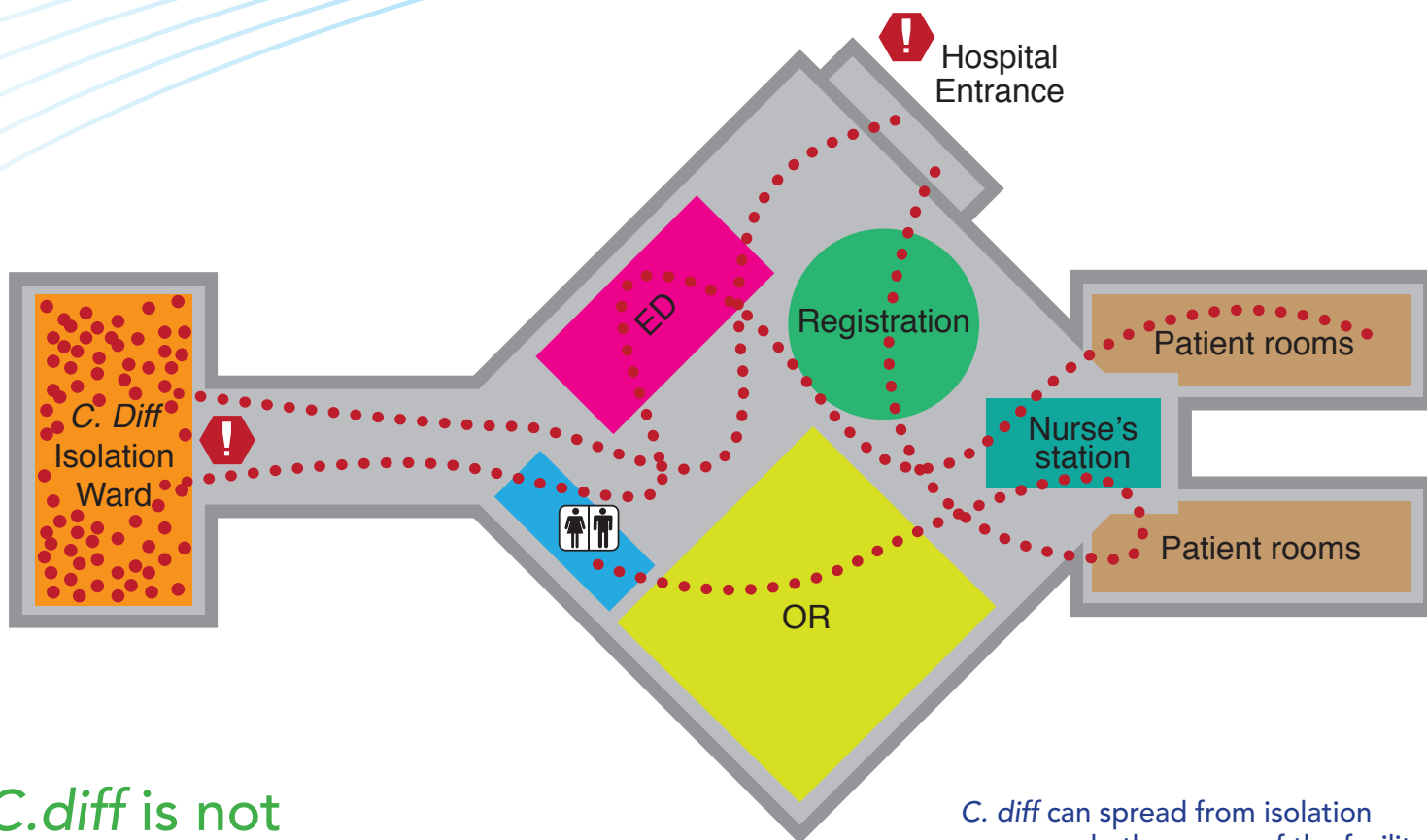
Kills *C. difficile* spores in **1 minute**

Low odour

Easy on surfaces

When your top priority is keeping patients safe from HAIs, you need a *C. diff* solution that you can use everywhere





C.diff is not isolated to isolation rooms

C. diff can spread from isolation rooms and other areas of the facility

- ▶ 75% of *C. diff* infections begin outside of the hospital¹
- ▶ A study revealed that 33% of non-CDI isolation rooms in one facility tested positive for *C. diff*²
- ▶ Airborne *C. diff* spores can be recovered up to 25 cm above the toilet seat after flushing a contaminated toilet³

Prevent the spread *C. diff* spores throughout the facility

Although the incidence of CDI has remained fairly steady in recent years, the severity seems to be increasing. Mortality rates attributable to *Clostridium difficile* infection have more than tripled in Canada since 1997. Each year, about 8,000 Canadians die from hospital-acquired infections; 220,000 others get infected. Treatment is more costly than prevention and can be attributed to such care factors as:

- ✓ Prolonged hospitalization
- ✓ Special control measures
- ✓ Expensive treatments
- ✓ Extensive surveillance

Environmental hygiene is an important part of an infection control strategy and is essential to help prevent the spread of tough-to-kill pathogens like *C. difficile* spores. Research on object contamination shows that as levels of environmental contamination increase, so does the prevalence of *C. difficile* transmitted between healthcare workers and from them to patients. This specialized bacterium is very difficult to remove. It creates spores that are resistant to many of the usual cleaning and disinfection practices. The spores can survive for up to 5 months on surfaces such as tables, medical equipment and other objects, making hygiene critically important in hospitals and healthcare institutions.

<http://www.phac-aspc.gc.ca/cphorsphc-respcacsp/2013/infections-eng.php>

Choosing the right environmental hygiene protocols and products requires balancing multiple needs



Kill *C. diff* Throughout the Facility:

- Powerful disinfectant
- Fast contact times



Achieve Compliance with Protocols:

- Easy to use
- Stays wet to meet contact time



Which Disinfectant?



Prevent Equipment Damage:

- Minimize residue
- Avoid long-term damage — staining, cracking, corroding, etc.



Maintain Patient & Staff Satisfaction:

- Safe, tolerable products for staff
- Patient perception of cleanliness (HCAHPs scores)

Introducing Clorox Healthcare® Fuzion™ Cleaner Disinfectant

► Proven disinfecting power of bleach

- pH neutral form of hypochlorous acid
- Kills *C. difficile* spores in **1 minute**
- 36 additional pathogens (bacteria, viruses, fungi) killed in 1 minute, including TB

► Broad surface compatibility

- Leaves little to no residue on surfaces
- Safe for common healthcare surfaces — even clear plastics, glass and vinyl

► Low odour

- Mild bleach odour disappears within 3-6 minutes

► Easy to use

- Ready to use, no mixing required
- No PPE required
- Advanced nozzle design delivers wider, more even spray coverage versus traditional swirl nozzles

Your
everyday
solution to kill
C. difficile spores



Fuzion™ Cleaner Disinfectant
combines proven efficacy against
C. diff spores with aesthetics to enable
broad use throughout the facility

Now you can confidently eliminate *C. diff* on more surfaces than ever

Surface compatibility + low residue = opportunity to use bleach everywhere you need it

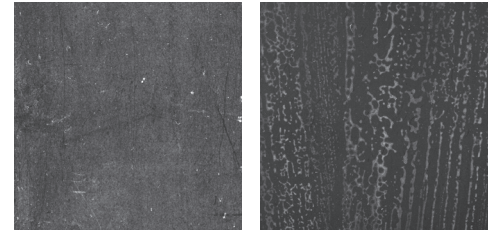
Fuzion™ Cleaner Disinfectant uses a revolutionary technology to eliminate the chemical reaction that can damage surfaces. This allows you to use Fuzion™ Cleaner Disinfectant on common healthcare surfaces, even clear plastics, glass and wood.

Fuzion™ Cleaner Disinfectant leaves surfaces looking clean, not cloudy. Minimizing residue is important not only for maintaining surfaces but also for influencing patient perceptions of cleanliness.



Fuzion™ Cleaner Disinfectant can be used alone for terminal cleaning or in combination with Clorox Healthcare® Professional Disinfecting Bleach Wipes or Pull-Top Liquid

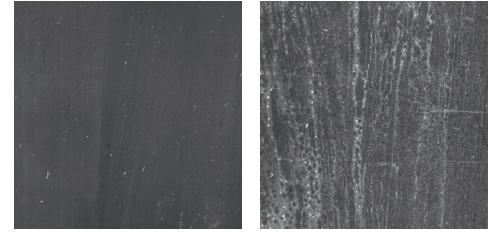
Clear Acrylic



Clorox Healthcare® Fuzion™

Metrex CaviCide™

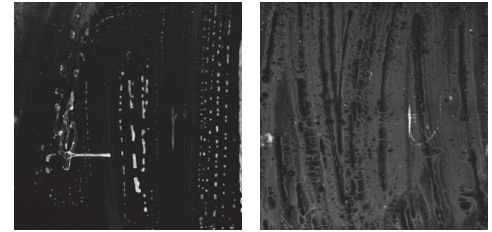
Black Enamel



Clorox Healthcare® Fuzion™

Metrex CaviCide™

Brushed Stainless Steel



Clorox Healthcare® Fuzion™

Metrex CaviCide™

Bring Fuzion™ Cleaner Disinfectant to many additional locations throughout the facility



Transport Services/EMS



Pharmacy Clean Rooms



Public Restrooms

Use Fuzion™ Cleaner Disinfectant in ALL patient rooms, not just *C. diff* isolation rooms



Central Services/Bio Med



Infusion/Dialysis



GI Suite

*FDA safety communication. Available from: <http://www.fda.gov/MedicalDevices/Safety/AlertsandNotices/ucm348016.htm>. Accessed July 2016.

†Bradbury SL, et al. Potential bloodborne pathogen exposure from occult mattress damage, AJIC, 2014, 1-2.

Minimal odour helps to improve user and patient satisfaction

Low odour

Strong disinfectant odours can have a negative impact on patient satisfaction and also generate complaints from staff. That's why Fuzion™ Cleaner Disinfectant was designed to minimize odour. Upon activating the spray, users may notice a light smell, similar to that of chlorine in a swimming pool.

Within minutes, the neutralizer begins to break down the active, eliminating any lingering odour.



Feedback from potential users



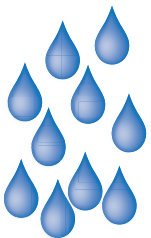
13 EVS staff and 14 nurses tested the odour of Fuzion™ Cleaner Disinfectant in a small, nonventilated room to maximize exposure to the product odour

- ▶ The most common descriptions of Fuzion™ Cleaner Disinfectant odour were "light" and "pleasant"
- ▶ Only 3 out of 27 users in the same test associated the Fuzion™ Cleaner Disinfectant smell with bleach
- ▶ Particularly on soiled surfaces (not pre-cleaned), where the smell of a disinfectant can be even more pronounced, Fuzion™ Cleaner Disinfectant scored better than a leading bleach product

Advanced nozzle technology for even coverage and ease of use



Get the job done in less time, with more accurate coverage



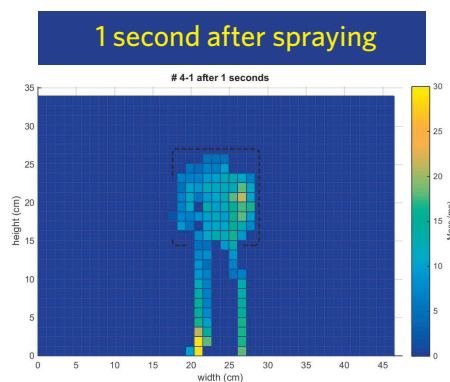
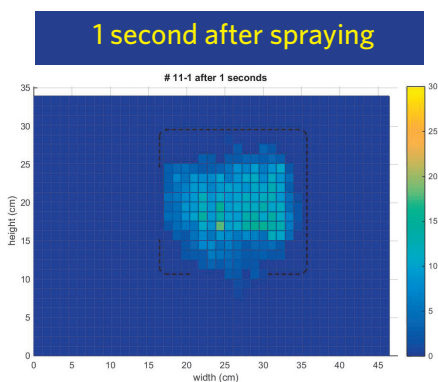
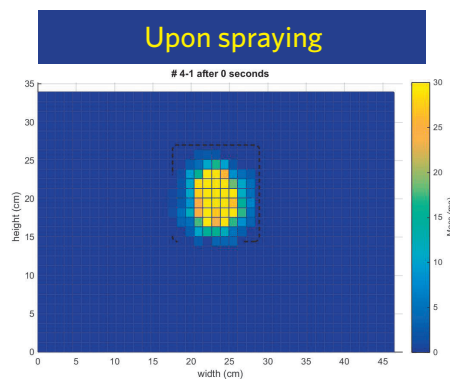
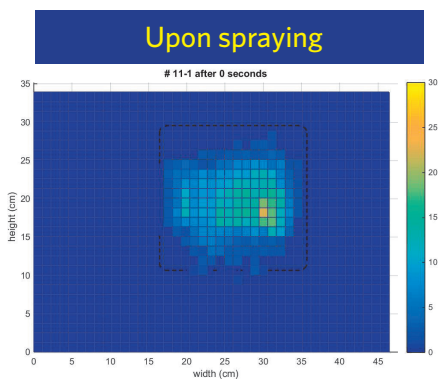
**60%
Larger**

- ▶ Droplets with larger diameter, are heavier and will fall faster than those with smaller diameter. Based on the 60% larger droplet size, the droplets will fall out of the air 80% faster than a traditional nozzle.¹
- ▶ Each spray of the Fuzion™ Cleaner Disinfectant bottle delivers a wider, more even surface coverage versus a traditional swirl nozzle.
- ▶ Fuzion™ Cleaner Disinfectant will also cling to vertical surfaces with less messy dripping. (See figures below.)

¹Based on data from

i. Gunn, R., & Kinzer, G. D. (August 1949). The Terminal Velocity of Fall for Water Droplets in Stagnant Air. *Journal of Meteorology*, 6, 243-248. Retrieved from: <http://www.journals.ametsoc.org/>

ii. Wang, P. K., & Pruppacher, H. R. (March 1977). Acceleration to Terminal Velocity of Cloud and Raindrops. *Journal of Applied Meteorology*, 16, 275-280. Retrieved from: <http://www.journals.ametsoc.org/>



Fuzion™ Nozzle

Swirl Nozzle (used by majority of trigger spray products)

¹Based on data from 1Gunn, R., & Kinzer, G. D. (August 1949). The Terminal Velocity of Fall for Water Droplets in Stagnant Air. *Journal of Meteorology*, 6, 243-248. Retrieved from: <http://www.journals.ametsoc.org/>

²Wang, P. K., & Pruppacher, H. R. (March 1977). Acceleration to Terminal Velocity of Cloud and Raindrops. *Journal of Applied Meteorology*, 16, 275-280. Retrieved from: <http://www.journals.ametsoc.org/>

Clorox Healthcare® Fuzion™ Cleaner Disinfectant: Effective against 37 pathogens

Effective Against:

Kill Time

Bacteria	
<i>Acinetobacter baumannii</i> (ATCC 19606)	1 min
<i>Burkholderia cepacia</i> (ATCC 25416)	1 min
<i>Campylobacter jejuni</i> (ATCC 29428)	1 min
Carbapenem-resistant <i>Klebsiella pneumoniae</i> (ATCC BAA-1705)	1 min
<i>Clostridium difficile</i> (C. diff) spores (ATCC 43598)	1 min
<i>Enterobacter aerogenes</i> (ATCC 13048)	1 min
<i>Enterobacter cloacae</i> New Delhi Metallo-Beta Lactamase-1 (NDM-1) (CDC 100654)	1 min
<i>Enterococcus faecalis</i> (ATCC 29212)	1 min
<i>Enterococcus faecalis</i> , vancomycin resistant (VRE) (ATCC 51575)	1 min
<i>Escherichia coli</i> O157:H7 (<i>E. coli</i>) (ATCC 35150)	1 min
<i>Klebsiella pneumoniae</i> New Delhi Metallo-Beta Lactamase-1 (NDM-1) (CDC 100527)	1 min
Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) (ATCC 33592)	1 min
Multi-Drug Resistant <i>Enterococcus faecium</i> (ATCC 51559)	1 min
Multi-Drug Resistant (MDR) <i>Staphylococcus aureus</i> (ATCC 14154)	1 min
Multidrug resistant <i>Streptococcus pneumoniae</i> (ATCC 700677)	1 min
<i>Proteus mirabilis</i> (ATCC 9240)	1 min
<i>Pseudomonas aeruginosa</i> (<i>Pseudomonas</i>) (ATCC 15442)	1 min
<i>Salmonella enterica</i> (ATCC 10708)	1 min
<i>Serratia marcescens</i> (ATCC 14756)	1 min
<i>Staphylococcus aureus</i> (Staph) (ATCC 6538)	1 min
<i>Staphylococcus epidermidis</i> (ATCC 12228)	1 min
Vancomycin intermediate-resistant <i>Staphylococcus aureus</i> (VISA) (HIP 5836)	1 min
<i>Stenotrophomonas maltophilia</i> (ATCC 25596)	1 min
Viruses	
Avian Influenza A (H5N1) virus (Strain VN05N1-PR8JCDC-RG) (CDC # 2006719965)	1 min
<i>Herpes simplex</i> virus type 1, (Strain F(1) ATCC VR-733)	1 min
Human Coronavirus (Strain 229E) (ATCC VR-740)	1 min
Influenza A virus -or- Influenza A2 virus (ATCC VR-544) (Strain Hong Kong)	1 min
Norovirus -or- Norwalk virus (as Feline Calicivirus) (ATCC VR-782)	1 min
Poliovirus type 1 (ATCC VR-1562) (Strain Chat)	1 min
Respiratory syncytial virus (RSV) (Strain Long) (ATCC VR-26)	1 min
Rhinovirus type 37 (ATCC VR-1147) (Strain 151-1)	1 min
Rotavirus (Strain WA)	1 min
Mold, Mildew, Fungi	
<i>Candida albicans</i> (ATCC 10231)	1 min
<i>Trichophyton mentagrophytes</i> (Athlete's Foot Fungus)	1 min
Mycobacterium	
<i>Mycobacterium bovis</i> - BCG BCG (TB)	1 min
Bloodborne Pathogens	
Human Immunodeficiency Virus (HIV) (type 1) (Strain HTLV-IIIB)	1 min
Human Hepatitis B Virus (HBV) (as duck HBV)	1 min

Total: 37 Claims

Use as directed on hard, nonporous surfaces.

Clorox Healthcare® Fuzion™ Cleaner Disinfectant
Health Canada DIN: 02459744



Spray Bottle, 32 oz., 9/case

Item No. 01671

Case UPC 10055500016713

Other Clorox Healthcare® C. diff Solutions:



Professional Disinfecting Bleach Wipes

Health Canada DIN: 02401983

6" x 5" Clinical Wipes,
6/150 ct., Item No. 01557

6.75" x 9" Multipurpose Wipes,
6/70 ct., Item No. 01308

12" x 12" Terminal Wipes,
2/110 ct., Item No 01309

12" x 12" Terminal Wipes Refill,
2/110 ct., Item No. 01310



Clorox Healthcare®

Professional Disinfecting Bleach Cleaner

Health Canada DIN: 02399156





For more information, contact your Clorox sales representative or call 1-866-789-4973.
email: healthcare@clorox.com
visit us: www.cloroxhealthcare.ca



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150 Biscayne Crescent, Brampton, Ontario L6W 4V3 NI-33362