



Clorox Commercial Solutions®

Clorox® Disinfecting Bleach

Health Canada registered to kill
C. difficile spores in 5 minutes**



The Bleach Brand Most Recognized Just Got Better†

New concentrated bleach solution

Efficacy: Health Canada registered to kill a total of 35 microorganisms, including *C. difficile* spores in 5 minutes.

Value: More value than before! New concentrated 7.4% bleach solution requires 120mL, or 33% less bleach, for general disinfection.* Plus, dilution tools minimize prep time, decrease labor costs and ensure proper measurement.

Ease of Use: Ergonomically enhanced packaging is easier to pour, handle, carry and store.

Size: Comes in new convenient 3.58 L size.

Meets healthcare standards & guidelines

- Health Canada registered DIN #02408961
- Meets CDC and APIC guidelines for surface disinfection of the toughest healthcare pathogens
- Meets OSHA bloodborne pathogen standards

** To kill *C. Difficile* spores, use as directed on precleaned hard, nonporous surfaces. Add 1 part bleach to 8 parts water to achieve a 1:9 dilution ratio before use. Clorox 1:9 bleach dilution exceeds the industry standard of 1:10.

* New concentrated bleach solution requires 120mL versus 180mL in the previous formula.

† Versus prior formula.

Broad-spectrum antimicrobial efficacy

- Health Canada registered DIN #02408961
- Effective against 35 microorganisms, more than private label bleaches*
- Kills *C. difficile* spores in 5 minutes

More concentrated, less waste

- At 7.4% sodium hypochlorite, Clorox® Disinfecting Bleach is more concentrated than most other bleach products.
- To kill *C. difficile* spores, a 1:9 bleach dilution (~7800 ppm available chlorine) is required.†
- New bottle takes up less storage space.
- Making and transporting the new bottle and concentrated formula uses less plastic, paper, water and energy.

Designed for easy handling & use

- New bottle is easier to handle, allows for better pour control and minimizes splashing.
- Usage tests confirm that end users find the ergonomically enhanced packaging to be easier to pour, handle, carry and store.‡

Broad-spectrum surface compatibility

Clorox® Disinfecting Bleach is suitable for use on hard, non-porous surfaces. It is specially formulated to be compatible with the following:

Materials:

- | | |
|---------------------------------|--------------------|
| • glass | • linoleum |
| • glazed tile | • plastic laminate |
| • latex enamel painted woodwork | • sealed granite |
| | • vinyl |

General Use:

- | | |
|-------------------|---------------------------|
| • bathtubs | • painted cribs |
| • cabinets | • plastic mattress covers |
| • changing tables | • playpens |
| • countertops | • showers |
| • faucets | • sinks |
| • floors | • toilets |
| • garbage cans | • walls |
| • highchairs | |

Medical Use Sites:

- | | |
|--------------|-------------------|
| • ambulances | • laboratories |
| • bathrooms | • medical offices |
| • clinics | • patient rooms |
| • hospitals | • waiting rooms |

To ensure that the salt left behind by bleach does not build up and cause surface damage over time, wipe down these surfaces after disinfecting with a fresh, clean, damp cloth.



* Based on in-market competitive labels as of 07/26/2013.

† Clorox 1:9 bleach dilution exceeds the industry standard of 1:10.

‡ Based on Clorox consumer research; comparison of current 96 oz. SKU and new 64 oz. SKU. LINT Wave 1 Feb. 2010; Round Bottle CLT 2009 and 2010; Bases Restage 2010. Use product as directed. See label for organisms.

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Clorox® Disinfecting Bleach* Dilution Guide

The chart below provides general guidelines for bleach dilution. To ensure that your bleach solution is appropriate for your surface disinfection needs, please check with your equipment manufacturer's instructions for usage constraints.

Dilution	Machine Dilution Exact Ratio	Manual Mixing (10 mL Increments)	Available Chlorine Levels After Dilution [1,2]	
			Available Chlorine %	Available Chlorine ppm
1:9	1 part bleach to 8 parts water	420 mL With 3.8 L water	.78%	7800 ppm
1:12.5	1 part bleach to 11.5 parts water	300 mL With 3.8 L water	.56%	5600 ppm [3]
1:14	1 part bleach to 13 parts water	270 mL With 3.8 L water	.50%	5000 ppm
1:16.5	1 part bleach to 15.5 parts water	230 mL With 3.8 L water	.42%	4200 ppm
1:33	1 part bleach to 32 parts water	120 mL With 3.8 L water	.21%	2100 ppm
1:126	1 part bleach to 125 parts water	160 mL With 20 L water	.056%	560 ppm [4]
1:351	1 part bleach to 350 parts water	60 mL With 20 L water	.020%	200 ppm




[1] This product is an 7.4% sodium hypochlorite solution containing approximately 7.03% available chlorine by weight. The available chlorine levels in the chart above were based on 7.03% available chlorine and Machine Dilution.

[2] Degrades with age and exposure to sunlight and heat. Check the level of available chlorine with a test kit.

[3] The CDC Guidelines for Disinfection and Sterilization in Healthcare Facilities (2008) defines a standard 1:10 solution of household bleach as achieving 5,250-6150 ppm available chlorine. This disinfecting bleach is stronger than regular household bleach, so the solution is more diluted.

[4] The CDC Guidelines for Disinfection and Sterilization in Healthcare Facilities (2008) defines a standard 1:100 solution of household bleach based on achieving 525-615 ppm available chlorine. This disinfecting bleach is stronger than regular household bleach, so the solution is more diluted.

DISPENSING & DILUTION TOOLS

PUMPS	BRACKETS	PROPORTIONER
		
<ul style="list-style-type: none"> Delivers approximately 29.5 mL of bleach per pump Perfect for measuring bleach for disinfecting Easy to use 	<ul style="list-style-type: none"> Wall mounting offers additional storage option 	<ul style="list-style-type: none"> Delivers a range of 7 mL – 88 mL of bleach based on usage needs Perfect for measuring bleach for disinfecting Easy to use

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**Kills
C. diff in
5 min**

Bacteria:

- *Acinetobacter baumannii* (ATCC 19606)
- Community Acquired Methicillin Resistant *Staphylococcus aureus* - CA-MRSA
- *Escherichia coli* with extended beta-lactamase resistance (ATCC BAA-196)
- *Legionella pneumophila* (ATCC 33153)
- Methicillin Resistant *Staphylococcus aureus* - MRSA (ATCC 33592)
- *Pseudomonas aeruginosa* (ATCC 15442)
- *Salmonella enterica* (ATCC 10708)
- *Shigella dysenteriae* (ATCC 11835)
- *Staphylococcus aureus* (ATCC 6538)
- *Streptococcus pneumoniae* (ATCC 6305)
- *Streptococcus pyogenes* (ATCC 19615)
- Vancomycin Resistant *Enterococcus faecalis* - VRE (ATCC 51575)
- *Clostridium difficile* (ATCC #43598; spore suspension)

Virus:

- 2009-H1 N1 Influenza A virus (Novel H1N1)
- Adenovirus type 2, Strain Adenoid 6, ATCC VR-846
- Avian Influenza A (H3N2) virus (Avian Reassortant)
- Canine Parvovirus, Strain Cornell, ATCC VR-2017
- Cytomegalovirus, Strain AD-I 69, ATCC VR-538
- Duck Hepatitis B Virus as a Surrogate Virus for Human Hepatitis B Virus (HBV)
- Feline Panleukopenia virus, Strain Philips-Roxane, ATCC VR-648
- Hepatitis A virus, Strain HM-175
- Hepatitis C virus, (HCV)
- Herpes simplex virus type 2, Strain G, ATCC VR-734
- Human Coronavirus, Strain 229E, ATCC VR-740
- Human Immunodeficiency Virus type 1, Strain HTLV-III
- Influenza B virus, Strain B/Hong KongW72, ATCC VR-823
- Poliovirus type 1, Strain Chat, ATCC VR-1562
- Respiratory syncytial virus, Strain Long, ATCC VR-26
- Rotavirus, Strain WA
- Rubella Virus strain M-33 (ATCC #VR-315)
- Feline Calicivirus as a Surrogate Virus for Norovirus
- Bovine Viral Diarrhea Virus as a Surrogate Virus for Human Hepatitis C Virus
- Influenza A Virus
- Rhinovirus type 37, ATCC VR-1147, Strain 151-1
- Parainfluenza virus type 3, Strain C243, ATCC VR-93

Product Information

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Dispensing & Dilution Tools

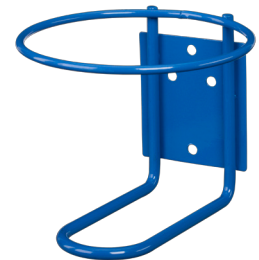
Bleach Pump

Item No. HDW009



Bracket

Item No. HDW030R



Proportioner

Item No. IMT001



**35 Kill Claims - 5 Minute Contact Time
including *C. difficile* spores**



For more information contact your Clorox Sales Representative or email us at healthcare@clorox.com or call **1.866.789.4973**.

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†Use as directed on hard non-porous surfaces. See product label for complete list of organisms