To kill *C. difficile* spores, use as directed on pre-cleaned hard, non-porous surfaces at a 1:9 bleach dilution. Clorox 1:9 bleach dilution exceeds the industry standard of 1:10.

† Versus prior formula.

EPA-registered to kill *C. difficile* spores in 5 minutes*

**New concentrated bleach solution**

**Efficacy:** Now EPA-registered to kill *C. difficile* spores in 5 minutes and a total of 39 microorganisms.

**Value:** Concentrated 8.25% sodium hypochlorite formula requires half as much 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 two convenient sizes, 64 fl. oz. and 121 fl. oz.

**Meets healthcare standards & guidelines**

- EPA-registered in all 50 states
- Meets CDC and APIC guidelines for surface disinfection of the toughest healthcare pathogens
- Meets OSHA bloodborne pathogen standards
- Meets FDA guidelines for sanitizing food contact surfaces
- Maintains a 12-month shelf life

* To kill *C. difficile* spores, use as directed on pre-cleaned hard, non-porous surfaces at a 1:9 bleach dilution. Clorox 1:9 bleach dilution exceeds the industry standard of 1:10.

† Versus prior formula.
**Broad-spectrum antimicrobial efficacy**
- EPA-registered in all 50 states
- Effective against 39 microorganisms, more than private label germicidal bleach
- Kills *C. difficile* spores in 5 minutes

**More concentrated, less waste**
- At 8.25% sodium hypochlorite, Clorox® Germicidal Bleach is more concentrated than most other bleach products.
- For general disinfection, only 1/2 cup of bleach per gallon of water (2400 ppm available chlorine) is required to kill many of the most dangerous pathogens in healthcare.
- To kill *C. difficile* spores, a 1:9 bleach dilution (~8700 ppm available chlorine) is required.
- New, smaller bottle takes up less storage space.
- Making and transporting the new, compact bottle and concentrated formula uses less plastic, paper, water, and energy.
- Easy-to-use bleach dispensing and dilution tools:
  - Minimize prep time and labor costs associated with manual mixing.
  - Ensure proper measurement so you don't use more bleach than you need.

**Designed for easy handling & use**
- New, compact 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® Germicidal Bleach is suitable for use on hard, non-porous surfaces. It is specially formulated to be compatible with the following:
- *glass*
- *glazed tile*
- *latex enamel painted woodwork*
- *linoleum*
- *plastic laminate*
- *sealed granite*
- *vinyl*

**General Use:**
- *bathubs*
- *cabins*
- *changing tables*
- *counter tops*
- *fountains*
- *garbage cans*
- *highchairs*
- *hospitals*
- *ambulances*
- *bathrooms*
- *clinics*
- *hospitals*
- *medical offices*
- *patient rooms*
- *waiting rooms*

**Medical Use Sites:**
- *ambulances*
- *bathrooms*
- *clinics*
- *hospitals*
- *laboratories*
- *medical offices*
- *patient rooms*
- *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.

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**Clorox® Germicidal 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.

<table>
<thead>
<tr>
<th>Dilution</th>
<th>Machine Dilution Mix Ratio</th>
<th>Manual Dilution Mix Ratio (Clorox® Ounces)</th>
<th>Available Chlorine Levels After Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:9</td>
<td>1 part bleach to 8 parts water</td>
<td>2 cups (16 fl. oz.) with 1 gallon water</td>
<td>Available Chlorine %</td>
</tr>
<tr>
<td>1:22</td>
<td>1 part bleach to 22 parts water</td>
<td>1/2 cup (6 fl. oz.) with 1 gallon water</td>
<td>0.36%</td>
</tr>
<tr>
<td>1:133</td>
<td>1 part bleach to 33 parts water</td>
<td>1/3 cup (4 fl. oz.) with 1 gallon water</td>
<td>0.24%</td>
</tr>
<tr>
<td>1:140</td>
<td>1 part bleach to 39 parts water</td>
<td>1/4 cup (2 fl. oz.) with 1 gallon water</td>
<td>0.056%</td>
</tr>
<tr>
<td>1:1400</td>
<td>1 part bleach to 399 parts water</td>
<td>2 Tbsp. (1 fl. oz.) with 1 gallon water</td>
<td>0.020%</td>
</tr>
</tbody>
</table>

*This product is an 8.25% sodium hypochlorite solution containing approximately 7.85% available chlorine by weight. The available chlorine levels in the chart above were based on 7.85% available chlorine and machine dilution.*
†Degrades with age and exposure to sunlight and heat. Check the level of available chlorine with a test kit.
§This germicidal bleach is stronger than regular household bleach, so the solution is more diluted.
+
* This product is an 8.25% sodium hypochlorite solution containing approximately 7.85% available chlorine by weight. The available chlorine levels in the chart above were based on 7.85% available chlorine and machine dilution.
† The CDC Guidelines for Disinfection and Sterilization in Healthcare Facilities (2008) defines a standard 1:10 solution of household bleach as achieving 5250–6150 ppm available chlorine.
+ This germicidal bleach is stronger than regular household bleach, so the solution is more diluted.
§ This germicidal bleach is stronger than regular household bleach, so the solution is more diluted.

---

**Dispensing & Dilution Tools**

- **Pumps & Brackets**
  - Delivers 1 fl. oz. of bleach per pump
  - Perfect for measuring bleach for sanitizing or disinfecting
  - Easy to use
  - Available in two sizes, for 64 fl. oz. and 121 fl. oz. bottles

- **Proportioner**
  - Wall mounting offers additional storage option
  - Available in two sizes, for 64 fl. oz. and 121 fl. oz. bottles
  - Delivers a range of .25 fl. oz.–3 fl. oz. of bleach based on usage needs
  - Perfect for measuring bleach for sanitizing or disinfecting
  - Easy to use
  - Compatible with 121 fl. oz. bottle. For use with 64 fl. oz. bottle, dip tube must be manually trimmed.
**Broad-spectrum antimicrobial efficacy**
- EPA-registered in all 50 states
- Effective against 39 microorganisms, more than private label germicidal bleach\(^1\)
- Kills C. difficile spores in 5 minutes

**More concentrated, less waste**
- At 8.25% sodium hypochlorite, Clorox® Germicidal Bleach is more concentrated than most other bleach products.
- For general disinfection, only 1/2 cup of bleach per gallon of water (2400 ppm available chlorine) is required to kill many of the most dangerous pathogens in healthcare.
- To kill C. difficile spores, a 1:9 bleach dilution (~8700 ppm available chlorine) is required.\(^2\)
- New, smaller bottle takes up less storage space.
- Making and transporting the new, compact bottle and concentrated formula uses less plastic, paper, water and energy.
- Easy-to-use bleach dispensing and dilution tools:
  - Minimize prep time and labor costs associated with manual mixing.
  - Ensure proper measurement so you don’t use more bleach than you need.

**Designed for easy handling & use**
- New, compact 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.\(^2\)

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**Broad-spectrum surface compatibility**
Clorox® Germicidal Bleach is suitable for use on hard, non-porous surfaces. It is specially formulated to be compatible with the following:
- glass
- glazed tile
- latex enamel painted woodwork
- inox
- plastic laminate
- sealed granite
- vinyl

**General Use:**
- bathtubs
- cabinets
- changing tables
- countertops
- faucets
- floors
- garbage cans
- highchairs
- painted cribs
- plastic mattress covers
- playpens
- showers
- sinks
- toilets
- walls

**Medical Use Sites:**
- ambulances
- bathrooms
- clinics
- hospitals
- laboratories
- medical offices
- patient rooms
- 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.

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**Clorox® Germicidal 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.

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<tr>
<td>1:9</td>
<td>1 part bleach to 8 parts water</td>
<td>2 cups (16 fl. oz.) with 1 gallon water</td>
<td>0.87% 8700 ppm</td>
</tr>
<tr>
<td>1:14</td>
<td>1 part bleach to 13 parts water</td>
<td>1 1/2 cups (10 fl. oz.) with 1 gallon water</td>
<td>0.56% 5600 ppm(^1)</td>
</tr>
<tr>
<td>1:22</td>
<td>1 part bleach to 21 parts water</td>
<td>1/3 cup (6 fl. oz.) with 1 gallon water</td>
<td>0.36% 3600 ppm</td>
</tr>
<tr>
<td>1:33</td>
<td>1 part bleach to 32 parts water</td>
<td>1/2 cup (4 fl. oz.) with 1 gallon water</td>
<td>0.24% 2400 ppm</td>
</tr>
<tr>
<td>1:140</td>
<td>1 part bleach to 139 parts water</td>
<td>2 Tbsp. (1 fl. oz.) with 1 gallon water</td>
<td>0.006% 60 ppm(^2)</td>
</tr>
<tr>
<td>1:1400</td>
<td>1 part bleach to 1399 parts water</td>
<td>1/2 cup (2 fl. oz.) with 5 gallons water</td>
<td>0.020% 200 ppm</td>
</tr>
</tbody>
</table>

\(^*\) This product is an 8.25% sodium hypochlorite solution containing approximately 2% available chlorine by weight. The available chlorine levels in the chart above are based on 7.85% available chlorine and machine dilution.
\(^1\) The CDC Guidelines for Disinfection and Sterilization in Healthcare Facilities (2008) defines a standard 1:10 solution of household bleach as achieving 5250–6150 ppm available chlorine.

---

**Materials:**
- Porous surfaces: It is especially formulated to be compatible with many of the most dangerous pathogens in healthcare.
- Non-porous surfaces: It is suitable for use on hard, non-porous surfaces. It is specially formulated to be compatible with the following:
  - Glass
  - Glazed tile
  - Latex enamel painted woodwork
  - Inox
  - Plastic laminate
  - Sealed granite
  - Vinyl
- Porous surfaces: It is particularly formulated to be compatible with the following:
  - Woodwork
  - Vinyl
  - Sealed granite
  - Plastic laminate
  - Linoleum
- Porous surfaces: It is especially formulated to be compatible with the following:
  - Woodwork
  - Vinyl
  - Sealed granite
  - Plastic laminate
  - Linoleum

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**DISPENSING & DILUTION TOOLS**

**PUMPS**
- Delivers 1 fl. oz. of bleach per pump
- Perfect for measuring bleach for sanitizing or disinfecting
- Easy to use
- Available in two sizes, for 64 fl. oz. and 121 fl. oz. bottles

**BRACKETS**
- Wall mounting offers additional storage option
- Available in two sizes, for 64 fl. oz. and 121 fl. oz. bottles

**PROPORTIONER**
- Delivers a range of 0.25 fl. oz.–3 fl. oz. of bleach based on usage needs
- Perfect for measuring bleach for sanitizing or disinfecting
- Easy to use
- Compatible with 121 fl. oz. bottle. For use with 64 fl. oz. bottle, dip tube must be manually trimmed.
**Clorox® Germicidal Bleach**

**Effective against:**

<table>
<thead>
<tr>
<th>Bacteria</th>
<th>Kill Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acinetobacter baumannii</td>
<td>5 min</td>
</tr>
<tr>
<td><em>Clostridium difficile</em> spores</td>
<td>5 min</td>
</tr>
<tr>
<td>Vancomycin-resistant <em>Enterococcus faecalis</em> (VRE)</td>
<td>5 min</td>
</tr>
<tr>
<td><em>Escherichia coli</em> O157:H7</td>
<td>5 min</td>
</tr>
<tr>
<td>Legionella pneumophila</td>
<td>5 min</td>
</tr>
<tr>
<td>Pseudomonas aeruginosa</td>
<td>10 min</td>
</tr>
<tr>
<td>Salmonella enterica</td>
<td>5 min</td>
</tr>
<tr>
<td>Shigella dysenteriae</td>
<td>5 min</td>
</tr>
<tr>
<td><em>Staphylococcus aureus</em></td>
<td>5 min</td>
</tr>
<tr>
<td>Methicillin-resistant <em>Staphylococcus aureus</em> (MRSA)</td>
<td>5 min</td>
</tr>
<tr>
<td>Methicillin-resistant <em>Staphylococcus aureus</em> (CA-MRSA) (USA 400)</td>
<td>5 min</td>
</tr>
<tr>
<td><em>Streptococcus pyogenes</em></td>
<td>5 min</td>
</tr>
<tr>
<td><em>Streptococcus pneumoniae</em></td>
<td>5 min</td>
</tr>
</tbody>
</table>

**Viruses**

- Adenovirus Type 2 | 5 min
- Cytomegalovirus | 5 min
- Hepatitis A Virus (HAV) | 5 min
- Hepatitis B Virus (HBV)* | 5 min
- Hepatitis C Virus (HCV)* | 5 min
- Herpes Simplex Virus (HSV-2) | 5 min
- Human Coronavirus | 5 min
- Human Immunodeficiency Virus Type 1 (HIV-1) | 5 min
- Influenza A Virus | 5 min
- Influenza A Virus (H1N1) | 5 min
- Influenza B Virus | 5 min
- Norovirus* | 5 min
- Parainfluenza Virus | 5 min
- Poliovirus | 5 min
- Respiratory Syncytial Virus (RSV) | 5 min
- Rhinovirus | 5 min
- Rotavirus | 5 min
- Rubella Virus | 5 min
- Varicella Zoster Virus | 5 min

- Avian Influenza A Virus | 5 min
- Bovine Viral Diarrhea Virus (BVDV) (Surrogate for HCV) | 5 min
- Canine Parvovirus | 10 min
- Duck Hepatitis B Virus | 5 min
- Human Hepatitis B Surrogate) | 5 min
- Feline Calicivirus (Surrogate for Norovirus) | 5 min
- Feline Panleukopenia Virus | 10 min
- Aspergillus brasiliensis (tested as Aspergillus niger) | 5 min
- Condylomyco | 5 min
- Trichophyton mentagrophytes (Athlete’s Foot Fungus) | 5 min

**TOTAL: 39 Claims**

Use as directed on hard, nonporous surfaces.

*Obtained via surrogate.

For more information, contact your Clorox sales representative or call 800-234-7700.

email: healthcare@clorox.com

visit us: www.cloroxhealthcare.com

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**Dispensing & Dilution Tools**

**Bleach Pumps**

- 121 fl. oz. and 128 fl. oz., Item No. HDW009
- 64 fl. oz., Item No. HDW022

**Brackets**

- 96 fl. oz. and 121 fl. oz., Item No. HDW030R
- 64 fl. oz., Item No. HDW031R

**Proportioner**

Item No. IMT001