

CLOROXPRO

Product Reference Guide

CloroxPro® Clorox®
Germicidal Bleach
Concentrated



CloroxPro® Clorox® Germicidal Bleach

- ▶ One 121 fl. oz bottle yields up to 30 gallons of disinfecting solution.
- ▶ EPA-registered to kill over 70 organisms.
- ▶ Versatile product that can disinfect, sanitize, deodorize and remove stains depending on the dilution ratio.
- ▶ Suitable for food-contact surfaces.



CloroxPro® Clorox®
Germicidal Bleach
121 fl. oz. Bottle
Item No.: 30966

At a Glance CloroxPro® Clorox® Germicidal Bleach	
EPA Registration No	67619-32 (PPD Puma)
Product Type	Concentrate
Cleaning Chemical Type	<ul style="list-style-type: none"> ▶ Disinfectant (hard surfaces) ▶ Sanitizer (hard surfaces) ▶ Food-contact sanitizer (hard surfaces) ▶ Mold and mildew stain remover (hard surfaces) ▶ Laundry disinfectant and sanitizer ▶ Deodorizer (hard surfaces)
Active Ingredient	Sodium Hypochlorite (8.25%)
pH	~12
Odor	Bleach
Shelf Life	12 months from the manufactured date on label
Toxicity Signal Word	Danger SDS link
HMIS Rating	3-O-O-B
PPE Required	Safety glasses, rubber gloves



Disinfection Efficacy Claims

Disinfection	Contact Time
BACTERIA	
<i>Acinetobacter baumannii</i>	5 min
<i>Bordetella pertussis</i>	5 min
<i>Campylobacter jejuni</i>	5 min
New Delhi Metallo-Beta Lactamase-1 (NDM-1) producing <i>Enterobacter cloacae</i>	5 min
<i>Enterococcus faecalis</i>	5 min
Vancomycin-Resistant <i>Enterococcus faecalis</i> (VRE)	5 min
Multi-drug Resistant <i>Enterococcus faecium</i>	5 min
<i>Escherichia coli</i> O157:H7	5 min
Carbapenem-Resistant <i>Escherichia coli</i>	5 min
Extended Spectrum Beta Lactamase producing <i>Escherichia coli</i>	5 min
New Delhi Metallo-Beta Lactamase-1 (NDM-1) producing <i>Escherichia coli</i>	5 min
<i>Haemophilus influenza</i>	5 min
<i>Klebsiella oxytoca</i>	5 min
<i>Klebsiella pneumoniae</i>	10 min (laundry)
Multi-drug resistant <i>Klebsiella pneumoniae</i>	5 min
<i>Legionella pneumophila</i>	5 min
<i>Listeria monocytogenes</i>	10 min
<i>Mycobacterium tuberculosis</i> (TB)*	10 min
<i>Proteus mirabilis</i>	5 min
<i>Pseudomonas aeruginosa</i>	10 min (laundry) 5 min (solution)
<i>Salmonella enterica</i>	5 min
<i>Serratia marcescens</i>	5 min
<i>Shigella dysenteriae</i>	5 min
<i>Staphylococcus aureus</i>	5 min
Community Associated Methicillin-Resistant <i>Staphylococcus aureus</i>	5 min
<i>Staphylococcus epidermidis</i>	5 min
<i>Streptococcus pneumoniae</i>	5 min
Penicillin-resistant <i>Streptococcus pneumoniae</i>	5 min
<i>Streptococcus pyogenes</i>	5 min
<i>Vibrio cholerae</i>	5 min
<i>Yersinia enterocolitica</i>	5 min
VIRUSES	
Adenovirus Type 2	5 min
Avian Influenza A Virus H3N2	5 min
Avian Influenza A H5N1	5 min
Avian Influenza A Virus H7N9	5 min
Canine Parvovirus	10 min
Coxsackievirus B3 Virus	5 min
Cytomegalovirus	5 min
Ebola Virus	5 min
Enterovirus EV-D68	5 min

Disinfection	Contact Time
VIRUSES	
Feline Parvovirus	10 min
Hantavirus	5 min
Hepatitis Type A Virus (HAV)	10 min (laundry) 5 min (solution)
Hepatitis B Virus (as duck HBV)	5 min
Hepatitis C Virus (as Bovine Viral Diarrhea Virus)	5 min
Herpes Simplex Virus (HSV-1)	5 min
Herpes Simplex Virus (HSV-2)	5 min
Human Coronavirus	5 min
Human Immunodeficiency Virus Type 1 (HIV-1)	5 min
Influenza A	5 min
Influenza A2 Virus	10 min (laundry) 5 min (solution)
Influenza B Virus	5 min
Measles Virus	5 min
MERS (Middle East Respiratory Syndrom) Associated-Coronavirus	5 min
Mumps Virus	5 min
Murine Norovirus	5 min
Newcastle Disease Virus	5 min
Feline Calicivirus (as surrogate for Norovirus)	5 min
Parainfluenza Virus (Type 3)	5 min
Poliovirus Type 1 (Strain Chat, ATTC VR-1562)	5 min
Respiratory Syncytial Virus (RSV)	5 min
Rhinovirus	10 min (laundry) 5 min (solution)
Rotavirus Type 37	10 min (laundry) 5 min (solution)
Rubella Virus	5 min
SARS-associated Coronavirus	5 min
SARS-CoV-2	5 min
Varicella Zoster Virus	5 min
MOLD, MILDEW FUNGI	
<i>Aspergillus brasiliensis</i> (tested as <i>Aspergillus niger</i>)	5 min
<i>Candida albicans</i>	5 min
<i>Trichophyton interdigitale</i> (Athlete's Foot Fungus)	5 min
SPORES	
<i>Clostridium difficile</i> [†] spores	3 min

* Must preclean surface prior to disinfection

[†] Follow Special Instructions for Cleaning Prior to Disinfection



Directions for Use

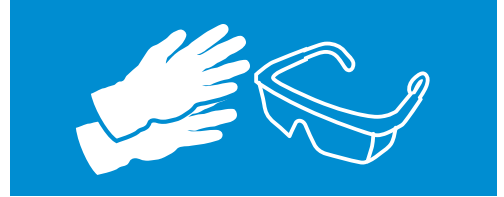
Step 1: Preparation



1. Gather supplies.



2. Wash hands with soap and water.



3. Put on gloves and safety glasses.

Step 2: Application

To disinfect hard, nonporous surfaces



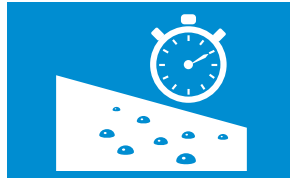
1. Pre-clean surface.



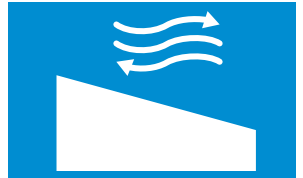
2. Dilute 1/2 cup of bleach per gallon of water.



3. Apply bleach solution.



4. Surface needs to stay wet for the contact time.

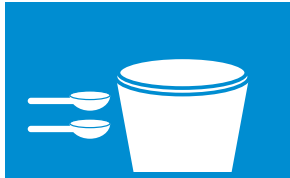


5. Rinse well and air dry.

To sanitize food-contact surfaces



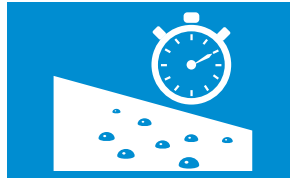
1. Pre-clean surface.



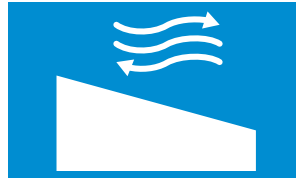
2. Dilute 2 tsp of bleach per 1 gallon of water.



3. Wash, rinse, wipe surface area with bleach solution.



4. Allow surface to remain visibly wet for 2 minutes.



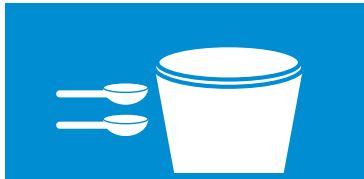
5. Air dry.

Contact time ranges from 5 min. - 10 min., depending on the pathogens. See the Disinfection Efficacy Claims page(s) for exact contact time.

To sanitize dishes, glassware and utensils



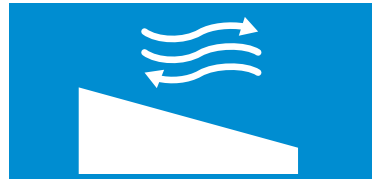
1. Wash and rinse.



2. Dilute 2 tsp of bleach per 1 gallon of water.



3. Soak for at least 2 minutes in bleach solution.

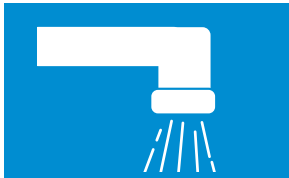


4. Air dry.



Directions for Use (cont.)

To sanitize garbage cans



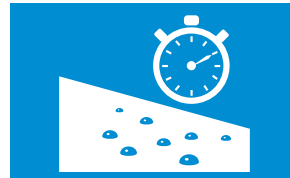
1. Wash and rinse.



2. Dilute 1/2 cup of bleach per 1 gallon of water.



3. Brush inside with bleach solution.



4. Allow surface to remain visibly wet for 5 minutes.



5. Rinse and let drain.

To remove mold stains and mildew stains on hard, nonporous surfaces



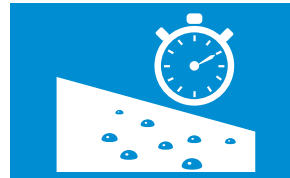
1. Pre-clean surface.



2. Dilute 3/4 cup of bleach per 1 gallon of water.



3. Wipe with bleach solution.

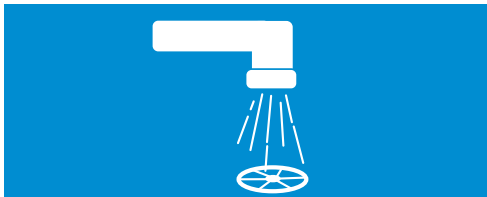


4. Allow surface to remain visibly wet for 5 minutes.



5. Rinse well and air dry.

To deodorize drains



1. Flush drain with water.



2. Pour 1/2 cup of bleach into the drain.



3. Flush with hot water.

To sanitize laundry



1. Sort laundry by color.



2. Add detergent.



3. Fill bleach to max. line in HE washing machine or add 1/2 cup bleach to wash water.



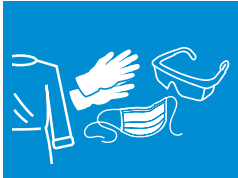
4. Add clothes.*

* Ensure contact with bleach for 10 minutes. Avoid bleaching wool, silk, mohair, leather, spandex and non-fast colors.



Directions for Use (cont.)

To clean and disinfect against *Clostridium difficile* spores



1. Wear appropriate PPE such as gloves, gowns, masks and eye coverings.



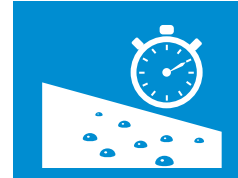
2. Thoroughly clean and remove fecal matter from surfaces.



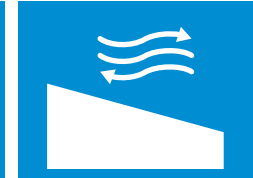
3. Dilute 1 part bleach with 9 parts water to achieve a 1:10 dilution and apply.



4. Apply bleach solution.



5. Allow surface to remain visibly wet for 3 minutes.



6. Rinse and air dry.

Prepare fresh solution daily. Pay special attention to high-touch surfaces. To minimize spores from spreading, clean from right to left or left to right for horizontal surfaces and top to bottom for vertical surface. Clean restrooms last.

Step 3: Wrap Up



1. Discard disposable supplies; clean and disinfect reusable tools.



2. Store products.



3. Remove PPE.



4. Wash hands with soap and water.



Common Applications



Animal Care — Disinfect, Sanitize and Deodorize

- ▶ Pet food container (Sanitize)
- ▶ Pet toys (Disinfect)
- ▶ Kennels (Disinfect)
- ▶ Litter box (Disinfect & Deodorize)



Children's Area — Disinfect and Sanitize

- ▶ High chairs (Disinfect)
- ▶ Children's toys (Disinfect)
- ▶ Baby bottles (Sanitize)
- ▶ Diaper pails (Sanitize)



Food Service Areas — Sanitize

- ▶ Work surfaces
- ▶ Dishes/glassware/utensils
- ▶ Refrigerators
- ▶ Garbage cans



Laundry — Sanitize and Whiten

- ▶ Grass
- ▶ Tomato sauce
- ▶ Coffee
- ▶ Wine



Restrooms — Disinfect and Deodorize

- ▶ Toilets (Disinfect)
- ▶ Sinks (Disinfect)
- ▶ Showers (Disinfect)
- ▶ Drains (Deodorize)



Surface Compatibility

This product is safe for use on these surface materials.*



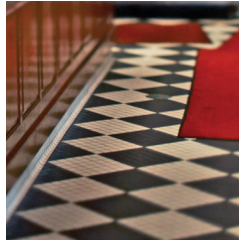
Glass



Glazed Porcelain



Latex Enamel



Linoleum



Plastic



Plastic Laminate



Sealed Brick



Sealed Granite



Sealed Patio Stone



Sealed Stucco



Vinyl

PRO TIP

If you're unsure about compatibility with a certain surface, contact the manufacturer or test it on the surface in an inconspicuous area prior to using it more widely. To prevent residue buildup and further reduce the risk of potential surface damage, wipe periodically with a clean damp cloth to remove residue and excess disinfectant.

* Compatibility with equipment and surfaces will vary based on the components and material coatings. Check with the manufacturer for guidance on approved products for disinfection.

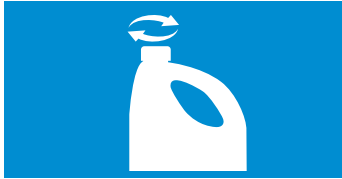
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Product Storage & Disposal

STORAGE

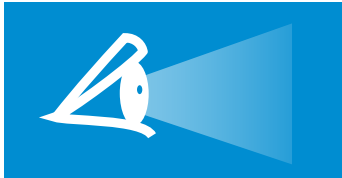
Do's



Secure bottle (container tightly closed)



Store in a dry, cool and well-ventilated place



Store at or below eye level for safety precaution

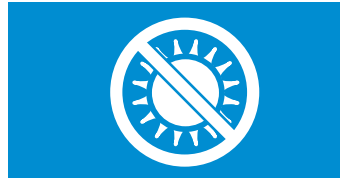
Don'ts



Do not contaminate water, food or feed



Do not store in location accessible to children



Keep out of direct sunlight and heat

DISPOSAL

Chemical

Do's



Dilute with water and dispose in a sanitary sewer

Don'ts



Dispose of with regular trash

Container

Do's



Recycle plastic container

Don'ts



Reuse or refill plastic container

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Product Safety

Precaution for safe handling: Handle in accordance with good industrial hygiene and safety practice. Do not get in eyes or on skin or clothing. Do not eat, drink or smoke when using this product.

First Aid:



Eye contact: corrosive and may cause irreversible damage to eyes

- ▶ Hold eye open and rinse gently with water for 15–20 min.
- ▶ If present, remove contact lenses after the first 5 min of rinsing, then continue rinsing eye. Call a poison control center or doctor



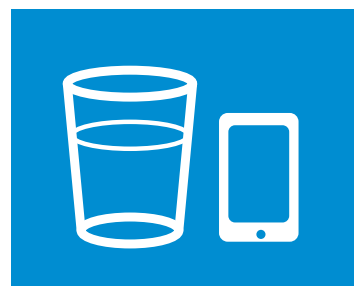
Skin contact: Causes skin burns.

- ▶ Take off contaminated clothing
- ▶ Rinse skin immediately with plenty of water for 15–20 min. Call a poison control center or doctor



Inhalation: high concentrations may cause pulmonary edema

- ▶ Move to a place with fresh air
- ▶ If breathing is affected, call a doctor



Ingestion: may cause burns to gastrointestinal tract and respiratory tract, nausea, vomiting and diarrhea

- ▶ Have person sip a glassful of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person

National Fire Protection Association (NFPA) Ratings:

Health Hazard: 3
Flammability: 0
Instability: 0
Physical and Chemical Hazards: None

Hazardous Material Identification System (HMIS) Ratings:

Health Hazard: 3
Flammability: 0
Physical Hazard: 0
Personal Protection: B

Questions: Call 1-800-492-9729

SDS: Much of this information and more can be found on the SDS. Make sure to have a printed product SDS within 10 min of travel time, so it is easily accessible. Click [here](#) for a link to the product SDS.

