

67619-8

8/29/2012

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460**

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

August 29, 2012

J Evelyn Lawson  
Clorox Professional Products Company  
c/o PS&RC  
P O Box 493  
Pleasanton, CA 94566-0803

Subject CPPC Ultra Bleach 2  
EPA Registration Number 67619-8  
Letter Date August 7, 2012  
EPA Receipt Date August 8, 2012

Dear Ms Lawson

This acknowledges receipt of the following notification, submitted in accordance with the provisions of PR Notice 98-10 under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c) 9

Proposed amendments

- Added infant safety pictogram, two new graphics for subregistration use (washing machine), and ingredient disclosure website
- Updated EPA Establishment Nos
- Corrected a typo at bottom of page 23

General Comments

Based on a review of the material submitted, the notification as referenced above is acceptable. A copy of the label has been added to the product's file. Should you have any questions or comments concerning this letter, please contact Eliza Blair via email at [blair\\_eliza@epa.gov](mailto:blair_eliza@epa.gov) or by telephone at (703) 308-7279

Sincerely,

A handwritten signature in black ink, appearing to read "Monisha Harris".

Monisha Harris  
Product Manager (32)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)



United States

## Environmental Protection Agency

Washington DC 20460

✓

**Registration**  
**Amendment**  
**Other**

**OPP Identifier Number**

EL0459

## Application for Pesticide - Section I

1 Company/Product Number 67619 8	2 EPA Product Manager Monisha Harris	3 Proposed Classification  <input type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) CPPC Ultra Bleach 2	PM# 32	
5 Name and Address of Applicant <i>(Include ZIP Code)</i>  Clorox Professional Products Company c/o PS&RC P O Box 493 Pleasanton CA 94566-0803  <input type="checkbox"/> Check if this is a new address		6 <b>Expedited Review</b> In accordance with FIFRA Section 3(c)(3) (b)(i) my product is similar or identical in composition and labeling to EPA Reg No _____  Product Name _____

## Section - II

<input type="checkbox"/>	Amendment Explain below	<input type="checkbox"/>	Final printed labels in response to Agency letter dated _____
<input type="checkbox"/>	Resubmission in response to Agency letter dated _____	<input type="checkbox"/>	Me Too Application
<input checked="" type="checkbox"/>	Notification Explain below	<input type="checkbox"/>	Other Explain below

**Explanation** Use additional page(s) if necessary (For section I and Section II )

Notification of label changes per PR Notice 98 10 we added a pictogram (p 2) added ingredient disclosure website updated EPA Est. Nos. we added 2 graphics (p 3) (the first new graphic on p 3 is a washing machine w/ accessory for auto dispensing of laundry aids) we corrected adust to adjust (typo) (p 23). This notification is consistent with the provisions of PR Notice 98 10 and EPA regulations at 40 CFR 152.46 and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. § 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98 10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under § 12 and § 14 of FIFRA.

### Section - III

1 Material This Product Will Be Packaged In				
Child Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No
* Certification must be submitted		If Yes Unit Packaging wgt      No per container		2 Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
		If Yes Package wgt      No per container		
3 Location of Net Contents Information		4 Size(s) Retail Container		5 Location of Label Directions
<input type="checkbox"/> Label <input type="checkbox"/> Container				<input type="checkbox"/>
6 Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____		

## Section - IV

[illegible]

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Active Ingredient	
Sodium Hypochlorite	6 15%
Other Ingredients	93 85%
Total	100 00%

(Yields 5 84% available chlorine)  
58 425 PPM [Parts Per Million] available chlorine  
Contains no phosphorus



**KEEP OUT OF REACH OF CHILDREN**  
**DANGER CORROSIVE**

**FIRST AID**

**IF IN EYES** Hold eye open and rinse slowly and gently with water for 15 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. **IF ON SKIN OR CLOTHING**

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 20 minutes. **IN EITHER CASE, CALL A POISON CONTROL CENTER OR DOCTOR IMMEDIATELY FOR TREATMENT.**

**ADVICE:** Have the product container or label with you when calling a poison control center or doctor or going for treatment.

See back panel for additional precautionary labeling.

NOTIFICATION  
Data Reviewed  
Signed By *[Signature]*

NET CONTENTS \_\_\_\_\_

## PRECAUTIONARY STATEMENTS Hazards to humans and domestic animals

### DANGER CORROSIVE

May cause severe irritation or damage to eyes and skin Harmful if swallowed [Do not get in eyes on skin or clothing ] Protect eyes when handling For prolonged use wear gloves Wash after contact with product [and before eating drinking or chewing gum] Avoid breathing vapors and use only in a well ventilated area ***For spray product only*** Return only after odors have dissipated

#### FIRST AID

**IF IN EYES** Hold eye open and rinse slowly and gently with water for 15 20 minutes Remove contact lenses if present after the first 5 minutes then continue rinsing eye

**IF ON SKIN OR CLOTHING** Take off contaminated clothing Rinse skin immediately with plenty of water for 15 20 minutes

**IF SWALLOWED** Call a poison control center or doctor immediately for treatment advice 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

Call a poison control center or doctor immediately for further treatment advice Have the product container or label with you when calling a poison control center or doctor or going for treatment

Clorox information Line 1 888 797 7225

**NOTE TO PHYSICIAN** Probable mucosal damage may contraindicate the use of gastric lavage

**PHYSICAL AND CHEMICAL HAZARDS** Product contains a strong oxidizer Always flush drains before and after use Do not use or mix with other chemicals such as toilet bowl cleaners rust removers acids or products containing ammonia To do so will release hazardous irritating gases Prolonged contact with metal may cause pitting or discoloration

***For use with 4 to 6 gallon buckets/containers as defined in the ASTM standard***

***See Child Hazard Drowning Pictogram text below***

**NOTICE** CHILDREN CAN FALL INTO BUCKET AND DROWN KEEP CHILDREN AWAY FROM BUCKET WITH EVEN A SMALL AMOUNT OF WATER



***For containers greater than 5 gallons***

**ENVIRONMENTAL HAZARDS** This product is toxic to fish and aquatic organisms Do not discharge effluent containing this product into lakes streams ponds estuaries oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority For guidance contact your State Water Board or Regional Office of the EPA

**STORAGE AND DISPOSAL** Store away from children Reclose cap tightly after each use Store this product upright in a cool dry area away from direct sunlight and heat to avoid deterioration Nonrefillable container Do not reuse or refill this container [Triple rinse then] [please] recycle empty container or discard in trash Do not contaminate food or feed by storage and disposal

***For use with containers greater than 5 gallons***

**STORAGE AND DISPOSAL** Store away from children Reclose cap tightly after each use Store this product upright in a cool dry area away from direct sunlight and heat to avoid deterioration In case of spill flood areas with large quantities of water Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer Refillable container Refill container with this product only Do not reuse this container for any other purpose Cleaning the container before final disposal is the responsibility of the person disposing of the container Cleaning before refilling is the responsibility of the refiller [Triple rinse then] [please] recycle empty container or discard in trash Do not contaminate food or feed by storage and disposal of this product

[Triple rinse as follows Empty the remaining contents into application equipment or a mix tank Fill the container ¼ full with water Replace and tighten closures Tip container on its side and roll it back and forth ensuring at least one complete revolution for 30 seconds Stand the container on its end and tip it back and forth several times Turn the container over onto its other end and tip it back and forth several times Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal Repeat this procedure two more times ]

***For use with refillable totes greater than 100 gallons***

**STORAGE AND DISPOSAL** Store away from children [(Reclose cap tightly after each use )] Store this product upright in a cool dry area away from direct sunlight and heat to avoid deterioration In case of spill flood areas with large quantities of water Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer Refillable container Refill container with this product only Do not reuse this container for any other purpose Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container Cleaning before refilling is the responsibility of the refiller

To clean the container prior to final disposal empty remaining contents from this container into mix tank Pressure rinse container thoroughly Empty rinsate into mix tank for dilution before disposal into sanitary sewer Repeat pressure rinse procedure two more times Recycle empty container or discard in trash Do not contaminate food or feed by storage and disposal of this product

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## ENVIRONMENTAL COMMITMENT



- This product rapidly breaks down almost entirely to salt water
- Not harmful to septic and waste water treatment systems
- This bottle is coded for recyclers. Check to see if recycling facilities accept colored HDPE in your area
- Contains no phosphorus

## SATISFACTION GUARANTEED

Satisfaction Guaranteed! At Clorox we have prided ourselves in making consistent quality bleach [for over 75 years or *insert number* years] and we are dedicated to ensuring your total satisfaction with our product. If you are not completely satisfied please call the number below.

## CLOROX CUSTOMER ASSISTANCE (800) 292-2200

Any Questions? The experts at Clorox are standing by to answer any of your laundry cleaning questions.

Patent Des 264 308 (for 48 96 and 180 ounce bottles only)  
Bottle shape is a registered trademark of the Clorox Company  
Commercial Solutions is a registered trademark of  
Clorox Professional Products Company  
Clorox is a registered trademark of The Clorox Company  
Visit us at [www.cloroxprofessional.com](http://www.cloroxprofessional.com)  
A list of this product's ingredients is available at  
[www.IngredientsInside.com](http://www.IngredientsInside.com) or A list of [this product's] **[product name]** ingredients is available at **[insert company website]**  
For MSDS information please go to [www.cloroxprofessional.com](http://www.cloroxprofessional.com)  
Questions or Comments? Call [Toll Free] (888) 797 7925 or  
(800) 227 1860

Mfd for & © YYYY  
Clorox Professional Products Company  
1221 Broadway Oakland CA 94612  
Made in the U S A

EPA Reg No 67619 8  
EPA Est No 5813 CA 2 (A7) CA 3 (A8) GA 1 (A4) GA 2 (VG) IL 1 (A3)  
MD 2 (E6) TX 1 (A5) 58455 IN 1 (C6) IN 2 (01) 74750 GA 1 (JJ)  
Beginning of batch code indicates Est No

## NSF REGISTRATION



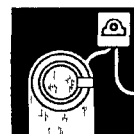
- Category Code D2
- NSF Registration Number 122438

Product Categories 3D B1 B2 D1 D2 G4 Q4  
PRODUCT CATEGORY DEFINITION  
3D Substances for washing fruits and vegetables  
B1 Laundry products – food contact  
B2 Laundry products – nonfood contact  
D1 Antimicrobial agents always requiring a rinse  
D2 Antimicrobial agents not requiring rinse  
G4 Chlorine products  
Q4 Chlorine sanitizers

This product has been tested and Certified  
by the Water Quality Association against  
NSF/ANSI 60 for materials safety only



**For subregistration only**



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**for front or back**

- Bacteria and/or virus and/or germ fighting [formula]
- Bactericidal/Bactericide
- [Best] Family size or pack
- [Best] Giant size or pack
- [Best] King size or pack
- [Best] Super sized or pack
- [Best] Value size or pack
- Better Smell
- Bigger value pack
- Bleaches Out Tough Stains
- Boosts Cold Water Cleaning Power
- Cleans
- Cleans [and disinfects]
- Clean[s] and/or disinfect[s] [the] [your] **list any use site** [against] [from] [99 9% of] [household] germs and/or bacteria and/or virus[es] [this season]
- Clean[s] away and/or kill[s] and/or eliminate[s] and/or disinfect[s] and/or destroy[s] and/or remove[s] and/or wipe[s] away or out and/or attack[s] and/or get[s] rid of [99 9% of] [the] bacteria and/or germs and/or virus[es] **list any use site** [commonly found in or on] the surfaces your kids and/or pets touch every day
- Clorox Bleach goes Ultra
- Concentrated Formula for Unbeatable Whitening
- Contains **insert number insert gallons** Gallon (**insert fl oz** [fl] oz) Bottles Net **insert gallons** Gallons (**insert number** [fl] oz)
- Deodorizes
- Disinfects
- Disinfects and Deodorizes by Killing [Most] Germs and Their Odors
- DO NOT use this product full strength for cleaning surfaces Always dilute strictly in accordance with label directions
- Easier to handle pour and store [than original Clorox Bleach]
- Eliminates Odors
- Especially recommended for Food Service Applications
- Extra Value Pack
- Fight[s] and/or kill[s] and/or effective against [99 9% [of]] Salmonella enterica [(Salmonella)] (**tested as Salmonella choleraesuis**)
- Fight[s] and/or kill[s] and/or effective against [99 9% [of]] Escherichia coli [(E coli)]
- Fight[s] and/or kill[s] and/or effective against Avian flu [virus] [on environmental and/or hard nonporous surfaces]
- Fight[s] and/or kill[s] and/or effective against cold and/or flu [virus[es]]
- Fight[s] and/or kill[s] and/or effective against [Human] Hepatitis A [Virus] [(HAV)]
- Fight[s] and/or stop[s] and/or prevent[s] and/or reduce[s] the spread of [99 9% of] [illness causing] bacteria and/or viruses and/or germs on hard nonporous surfaces [in your **list any use site**] [this cold and/or flu season]
- For institutional use
- For use in High Efficiency washing machines
- Free measuring cup inside with this purchase of this product
- Fungicidal/Fungicide
- Germicidal/Germicide
- Just as safe on bleachable fabrics as before
- Kills *Clostridium difficile* (*C diff*) spores
- Kills and/or eliminates and/or wipes out laundry soils and/or germs
- Kills Bacteria
- Kills Bacteria Viruses & Mold and Mildew
- Kills 99 999% *Clostridium difficile* (*C diff*) spores
- Kills Germs
- Kills Viruses that cause Colds and the Flu such as Rhinovirus and Influenza A [(Influenza A2)]
- Low Odor or Better Odor
- Mildewcidal/Mildewcide
- More Bleaching Power
- More concentrated [than original Clorox Bleach]
- More concentrated or higher concentration
- More value [than original Clorox Bleach]
- Not for [individual] resale
- Ounce for Ounce **insert number%** More Loads than Non Ultra Bleach
- Pseudomonacidal
- Reduces exposure to [*Clostridium difficile*] [*Clostridium difficile* (*C diff*)] [*C difficile*] [*C diff*] from treated surfaces
- Removes [Tough] Stains
- Removes/Eliminates Odors
- Removing and/or Killing and/or Fighting and/or Eliminating germs and/or bacteria and/or virus[es] since 1913 or for [nearly] **insert number** years
- Safe For Most Color Fast Washables
- Sanitizes
- Sanitize[s] and/or disinfect[s] your clothes and/or laundry
- Smaller bottle is easier to handle pour and store [than original Clorox Bleach]
- Smaller is better
- Staphylocidal
- Streptocidal
- [Still or when used as directed] safe for all your bleachable wash loads
- Super Value Pack
- This bottle contains the same number of uses as the (1 gallon 1/2 gallon 1 quart) original size
- This Product for a Cleaner Fresher Laundry
- This product gets even your dirtiest clothes white
- [This product] [has] the power and/or effectiveness of Clorox® to clean and disinfect
- Try Clorox 2 [ the Clorox bleach for colors]
- Try Dry Clorox Bleach [for White Laundry]
- Tuberculocidal/Tuberculocide
- [Ultra] Improved or Advanced whitening [Power or Formula]
- Unbeatable whitening
- Use in public or common places where [bacteria and/or viruses and/or germs may be of concern] [you are concerned about bacteria and/or viruses and/or germs] [on hard nonporous surfaces]
- Virucidal/Virucide
- [Visit or Check [out] [our website at]] www.cloroxprofessional.com [for more information] [on Clorox®]
- When can I use this product? For the cleanest whitest whites use this product in every bleachable load Most white fabrics and some colored fabrics can be safely washed with this product
- When used according to label directions [**this product**] reduces exposure to [*Clostridium difficile*] [*Clostridium difficile* (*C diff*)] [*C difficile*] [*C diff*] from contact with the treated surface
- White just got Whiter
- Whitens [and Removes Stain]
- Whitens Bleachable Fabrics
- Whitens whites



## DIRECTIONS FOR USE

[WHERE TO USE OR WHERE DO I USE THIS PRODUCT?]

It is a violation of Federal law to use this product in a manner inconsistent with its labeling



### LAUNDRY USE

STANDARD WASHER 3/4 CUP

EXTRA LARGE WASHER 1 1/4 CUPS

Sort laundry by color. If uncertain about dye colorfastness, test fabric by applying 1 drop of a solution made of 2 teaspoons of this product plus 1/4 cup water to hidden part of seam. Be sure to check all colors. After 1 minute, blot dry. No color change means the article can be safely bleached. Avoid bleaching wool, silk, mohair, leather, spandex and non-fast colors.

Add this product to dispenser if available. If not, add bleach and detergent with the wash water before the laundry is put in. Or for best results, dilute bleach with a quart of water and add to wash 5 minutes after the wash cycle has begun. For heavily soiled loads, add slightly or 1 1/4 cups more of this product.

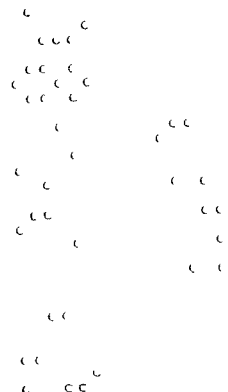
- 1 Sort laundry by color
- 2 Add 3/4 cup of this product or 1 1/4 cups for extra large washer \*
- 3 Add detergent with the wash water before laundry is put in

\*Use bleach dispenser if available

To handwash, disinfect or pretreat stains and clean heavy soils, rinse to remove loose soil and fully soak each garment for 5 minutes in a solution of 1/4 cup of this product to 1 gallon of cool water.

**To Disinfect or Sanitize Laundry** add 1 cup of this product to a standard size washer following the laundry use directions. Use 1 1/4 cups for extra large heavily soiled loads. Use a detergent. This product used according to directions is effective against *Insert organism(s) listed in Laundry Use Organism Table*. Do not use full strength to pretreat.

**To Disinfect and Deodorize Diapers** In pails, soak in 1/4 cup of this product to 1 gallon of water for 5 minutes.







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# **DIRECTIONS FOR USE continued** **GENERAL USE**

## **General Use Organism Table**

### **Bacteria**

Acinetobacter baumannii [ATCC 15308][\*\*]  
 Clostridium difficile [spore] [C diff]  
 [ATCC 43598][\*\*]  
 Community Acquired Methicillin resistant  
 Staphylococcus aureus [CA MRSA]  
 [NARSA NRS123] [Genotype USA  
 400][\*\*]  
 Community Acquired Methicillin resistant  
 Staphylococcus aureus [CA MRSA]  
 [NARSA NRS384] [Genotype USA  
 300][\*\*]  
 ESBL (Extended Spectrum Beta Lactamase)  
 producing Escherichia coli [(ESBL  
 producing E coli)] [ATCC BAA 196][\*\*]  
 Escherichia coli O157 H7 [(E coli)]  
 [ATCC 35150][\*\*]  
 Legionella pneumophila [(Legionella)]  
 [(the bacteria that causes Legionnaire s  
 disease)] [ATCC 33153][\*\*]  
 Methicillin resistant Staphylococcus aureus  
 [(MRSA)] [ATCC 33592][\*\*]  
 Pseudomonas aeruginosa [(Pseudomonas)]  
 [ATCC 15442][\*]  
 Salmonella enterica [(Salmonella)]  
 [ATCC 10708][\* ] (**tested as Salmonella  
 choleraesuis**)  
 Shigella dysenteriae [(Shigella)]  
 [ATCC 13313][\*\*]  
 Staphylococcus aureus [(Staph)]  
 [ATCC 6538][\*\*]  
 Streptococcus pneumoniae [(Strep)]  
 [ATCC 6305][\*\*]  
 Streptococcus pyogenes [(Strep)]  
 [ATCC 9342][\*\*]  
 Vancomycin resistant Enterococcus faecalis  
 [(VRE)] [ATCC 51299][\*\*]

### **Mold, Mildew Fungi**

Candida albicans [ATCC 10231][\*\*]  
 Aspergillus niger [(mold and/or mildew)]  
 [ATCC 6275][\*\*]  
 Trichophyton mentagrophytes [(Athlete s  
 Foot Fungus)] [ATCC 9533]  
 [CDC No WO 0031][\*\*]

### **Parvoviruses Non Enveloped**

Canine parvovirus [ATCC VR 953][\*\*]  
 Feline parvovirus [(Feline panleukopenia  
 virus)] [ATCC VR 648][\*\*]

### **Mycobacterium**

Mycobacterium bovis [(BCG)]  
 [(Tuberculosis or TB)]  
 [ATCC 35743] [TMC 1028][\*\*]

### **Viruses Enveloped**

Avian Influenza A [Virus] [Avian Flu]  
 [ATCC VR 2072][\*\*]  
 Cytomegalovirus [ATCC VR 578]  
 [(AD 169)][\*\*]  
 Herpes simplex virus type 2 or [Human]  
 Herpesvirus type 2 [ATCC VR 734]  
 [(Strain G)][\*\*] [causative agent of  
 genital herpes]  
 Human Coronavirus [(Strain 229E)]  
 [(additional causative agent of common  
 cold)] [ATCC VR 740][\*\*]  
 [Human] Hepatitis B [Virus] [(as duck  
 HBV)] [(HBV)] [Strain DHBV16][\*\*]  
 [Human] Hepatitis C [Virus] [(as bovine  
 viral diarrhea virus)] [(HCV)]  
 [ATCC VR 1422][\*\*]  
 Human Immunodeficiency Virus Type 1  
 [(RF Strain)] [HIV 1] [Type 1] [HIV 1  
 Associated with AIDS]\*  
 Influenza A [Influenza A2] [Flu Virus]  
 [(Strain Hong Kong)] [(representative  
 of) the common flu virus)]  
 [ATCC VR 544][\*\*]  
 Parainfluenza [type 1] [(Strain Sendai)]  
 [ATCC VR 907][\*\*]  
 Respiratory syncytial virus [(RSV)]  
 [ATCC VR 26][\*\*] [(Strain Long)] [(cause  
 of respiratory infections in infants)]  
 Rubella virus [(German Measles virus)]  
 [ATCC VR 315][\*\*]  
 Varicella Zoster Virus [ATCC VR 586][\*\*]

### **Viruses Non Enveloped**

Adenovirus [type 2] [ATCC VR 846][\*\*]  
 [(Strain adenoid 6)] [(common cause of  
 respiratory infections)]  
 [Human] Hepatitis Type A [Virus] [(HAV)]  
 [ATCC VR 2093][\*\*] [(Strain HM 175)]  
 Norwalk Virus or Norovirus [(as Feline  
 Calicivirus)] [ATCC VR 782][\*\*]  
 Rhinovirus [type 17] [ATCC VR 1147][\*\*]  
 [(Leading causative agent of) the  
 common cold)]  
 Rotavirus [(Strain WA)] [ATCC VR 2018]\*  
 [(the virus that) causes diarrhea)]

### **Bloodborne Pathogens**

[Human] Hepatitis B [Virus] [(as duck  
 HBV)] [(HBV)] [Strain DHBV16][\*\*]  
 [Human] Hepatitis C [Virus] [(as bovine  
 viral diarrhea virus)] [(HCV)]  
 [ATCC VR 1422][\*\*]  
 Human Immunodeficiency Virus Type 1\*  
 [(RF Strain)] [HIV] [Type 1] [(HIV 1)]  
 [when used as directed] [for spray  
 application]

### **Food Contact Surface Bacteria**

Campylobacter jejuni [ATCC 29428][\*\*]  
 Escherichia coli O157 H7 [(E coli)]  
 [ATCC 35150][\*\*]  
 Listeria monocytogenes [(Listeria)]  
 [ATCC 19111][\*\*]

\*2 min  
 \*\*5 min  
 \*\*\*10 min

## **Laundry Use Organism Table**

### **Bacteria**

Klebsiella pneumoniae [ATCC 4352]  
 Pseudomonas aeruginosa [(Pseudomonas)] [ATCC 15442]  
 Staphylococcus aureus [(Staph)] [ATCC 6538]

### **Fungus**

Trichophyton mentagrophytes [(Athlete s Foot Fungus)] [ATCC 9533]  
 [CDC No WO 0031]

### **Viruses Enveloped**

Influenza A [Influenza A2] [Flu Virus] [(Strain Hong Kong)]  
 [(representative of) the common flu virus)] [ATCC VR 544]

### **Viruses Non Enveloped**

[Human] Hepatitis A [Virus] [(HAV)] [Strain HM 175]  
 Rhinovirus [type 37] [ATCC VR 1147]  
 [(Leading causative agent of) the common cold)]  
 Rotavirus [(Strain WA)] [(the virus that) causes diarrhea]  
 [ATCC VR 2018]

## Claims

- ## per Agency guidance dated October 22, 2009** **Guidance for Testing and Labeling Claims against Pandemic 2009 H1N1 Influenza A Virus (formerly called Swine Flu)** **[www.epa.gov/oppad001/h1n1\\_guide.html](http://www.epa.gov/oppad001/h1n1_guide.html)**

- Kills [2009] H1N1 [Flu Virus]
- Kills Germst<sup>†</sup> and/or Flu Viruses [including [2009] H1N1]
- Kills [99.9% of] Germst<sup>†</sup> including [2009] H1N1 [Flu Virus]
- Effective against [2009] H1N1 [Flu Virus]

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# **DIRECTIONS FOR USE continued** **GENERAL USE Use Sites/Surfaces**

## **USE SITES/SURFACES**

**Kitchen** Refrigerators work surfaces  
 garbage disposals freezers sinks  
 appliances plastic laminate stoves  
 stovetops countertops [glazed ceramic]  
 tile (floors or countertops) vinyl linoleum  
 solid surface countertops glass garbage  
 cans trash cans trash compactors dish  
 cloths brushes synthetic sponges mops  
 latex enamel painted woodwork walls  
 faucets

**Bathroom or Restroom** Bathtubs urinals  
 faucets showers shower curtains shower  
 walls shower doors potty seats sinks  
 countertops glazed porcelain floors vinyl  
 tile cat litter boxes combs and brushes  
 and mold and mildew removal

**Baby's Nursery** Toys changing tables  
 painted cribs high chairs plastic mattress  
 covers bumpers and diaper pails

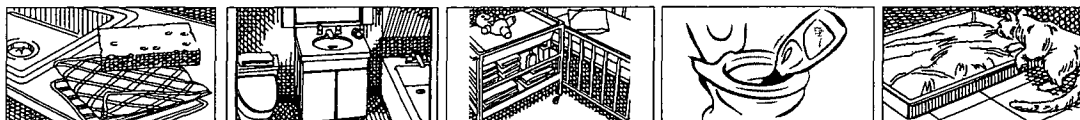
**Toilet Bowls and/or Bidets** Flush toilet/  
 bidet Pour 1 cup of this product into bowl  
 Brush entire bowl including rim with a  
 scrub brush or mop let stand 5 minutes  
 before flushing again

**Potty Seats** Empty Seat Fill with 1 cup of  
 this product per gallon of water Let stand 5  
 minutes Rinse with clean water [Let dry ]

**Litter Boxes** Remove litter Wash box in  
 soap/water Fill with 1 cup of this product  
 per gallon of water Let stand 5 minutes  
 Rinse with clean water [Let dry ]

NSF Category Code  
 D1 Antimicrobial agents  
 always requiring a rinse

## **GENERAL USE Graphics**



## **ENVIRONMENTAL SURFACES**

**Outdoors** Kills/Removes mold moss and mildew on/from outdoor siding tile brick stucco and patio stone finished woodwork (decks  
 fences arbors trellises benches and patio furniture) and golf balls Also use on flower pots and planters For heavy soil preclean surface  
 before disinfecting

**For use in** hospitals nursing homes clinics dental offices day care centers physicians offices health clubs ambulances hotels/motels/  
 condominiums timeshares restaurants diners schools restrooms bathrooms kitchens kennels veterinary offices office buildings offices  
 homes food processing plants/facilities animal husbandry animal care facilities meat processing plants attics closets churches storage  
 areas universities institutions military installations patient rooms dorms shelters laboratories medical clinics play areas school buses  
 toilet areas sick rooms and locker room facilities

**Disinfects or Effective disinfectant and deodorizer for or Excellent for controlling mold and mildew on or Excellent for or [For] use  
 on or Effective on**  
 Hard Nonporous Surfaces Such As

Basements  
 Bathroom or Locker Room  
 Facilities  
 Bathtubs  
 Cabinets  
 [Children's] Furniture  
 Closets  
 Clothes Hampers  
 Countertops  
 Damp Storage Areas  
 Desks  
 Diaper [Changing Tables]  
 [Pails]  
 Doorknobs  
 Drain Boards

Dressing Carts  
 Faucets  
 Filing Cabinets  
 Floor[s] [Around Toilets]  
 Garbage [Cans] [Disposals]  
 Glazed Tiles  
 Hard Nonporous Toys  
 [High] Chairs  
 Kennels  
 Lamps  
 Laundry Rooms  
 Light Switch Panels  
 Many Hard Nonporous Crib  
 or Bed Frame Surfaces  
 Medicine Cabinets

Outside of [Appliances]  
 [Microwaves]  
 [Refrigerators]  
 [Outside of] Washers/Dryers  
 Patio Furniture (except  
 cushions and wood frames)  
 Pet Areas [Cat Litter Boxes]  
 Plastic Shower Curtains  
 Playpens  
 Recycling Bins  
 [Shower] Doors  
 Showers  
 Stereo Consoles  
 Storage Areas

Stove Tops  
 Strollers  
 Telephones  
 Toilet [Areas] [Seats]  
 [Toilet] [Faucet] [Telephone]  
 [Dishwasher] [Cabinet]  
 [Door] Handles  
 Toilets  
 Trash [Cans] [Compactors]  
 [Under] Sinks  
 Walls  
 Waste Baskets  
 Work Benches

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For use on hard, nonporous surfaces in or Great for use in or For use in or Effective disinfectant and deodorizer in or Excellent for controlling mold and mildew in or Excellent in

Ambulances  
 Automobiles  
 Basements  
 Bathrooms  
 Boats  
 Bowling Alleys  
 Butcher Shops  
 Cafeterias  
 Campers  
 Cars  
 Churches  
 Day Care Centers  
 Dorms

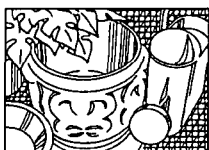
Food Processing Plants  
 Garages  
 Germ prone Surfaces  
 Grocery Stores  
 Gymnasiums  
 Health Clubs  
 Homes  
 Hotels  
 Institutional Kitchens  
 [Institutional] Laundromats  
 Institutions  
 Kitchens  
 Laboratories

Military Installations  
 Mobile Homes  
 Motels  
 Nurseries  
 Offices  
 Pharmacies  
 Play Areas  
 Playgrounds  
 Public Facilities  
 Public Telephone[s] [Booths]  
 Recreational [Centers]  
 [Facilities]  
 Restaurants

Restrooms  
 School Buses  
 Schools  
 Shelters  
 Supermarkets  
 Vacation Homes  
 Warehouse Clubs

### Clean Flower Pots and Planters

Cleaning flower containers helps prevent the transfer of molds and diseases from old plants to new ones. Wash and [thoroughly] rinse pots and planters. Soak 5 minutes in a solution of 3/4 cup of this product to one gallon of water then rinse.



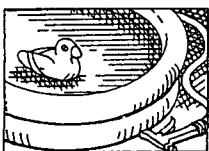
### Sanitize Pet's Food and Water Bowls

To sanitize pet food containers wash bowls with detergent and rinse. Fill bowls with a solution of 1 Tablespoon of this product per gallon of water. Let stand 1 minute drain and air dry.



### Keep Wading Pools Sanitary

This product is excellent for chlorinating wading pools. As a general rule use 1/8 cup per 100 gallons of water. For example an 8 foot diameter pool holding 1 foot of water would require 1/2 cup of this product. To chlorinate mix required amount of bleach with 2 gallons of water and scatter over surface of empty pool. Fill remainder of pool with water. Empty small pools daily.



### Cleaning Mold and Mildew

Mold and mildew in the bathroom can be removed easily and effectively using this product. Simply wipe down surfaces using a solution of 1 cup of this product to each gallon of warm water. Keep surface wet [at least] 5 minutes then rinse thoroughly and wipe dry. Repeat if necessary on heavily soiled surfaces.



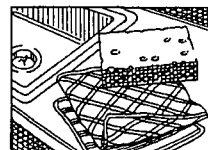
### Keep Cut Flowers Fresh Longer

Fresh cut flowers will stay beautiful longer if you add 1/4 teaspoon of this product to each quart of cold water. This product can also be used to remove flower vase stains and odors. Wash the vase thoroughly and then fill with a solution of 2/3 cup of this product to one gallon water. Let stand 2 minutes before rinsing.



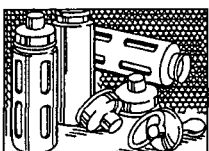
### Sanitizing Kitchen Cloths

This product can help you deodorize and sanitize dishcloths and synthetic sponges while cleaning your sink at the same time. Fill sink with a gallon of water. Add 3/4 cup of this product. Soak kitchen cloths in solution for [at least] 5 minutes then rinse sink and cloths. Allow to air dry. **Not approved for use in CA**



### Sanitizing Baby Items

Baby bottles nipples and dishes can be easily sanitized using this product. Soak washed items for 1 minute in a solution of 1 Tablespoon of this product per gallon of water. Pour solution through nipples then drain dry.



### Removing Exterior Mold

Mold [growing] on washable and colorfast exterior surfaces of your home tile siding tile roofs brick stucco and patio stone can be easily removed using this product. First hose surfaces to remove loose soil. Then apply a solution of 1 cup of this product per 1 gallon of water to wet surfaces. Reapply the solution as needed to keep the area wet for [at least] 5 minutes. Rinse thoroughly to remove residue. [Avoid applying solution in direct sunlight or to unfinished wood.] Rinse quickly and thoroughly if solution comes in contact with aluminum window frames or gutters since metal corrosion may occur.



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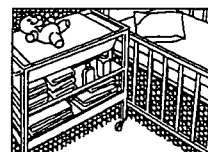
### Removing Patio Moss and Mildew Stains

Protect nearby plants and grass by watering area thoroughly before and after product use. Patio moss and mildew stains can be unsightly, slippery and dangerous. Hose patio to remove loose debris. Then use this product to remove moss and mildew stains by washing the area with a solution of 3/4 cup of this product to 1 gallon of water. Reapply the solution as needed to keep the area wet for at least 5 minutes. Brush as needed to remove moss and then rinse thoroughly. [Do not use on painted wood.] Avoid excessive runoff near plants.



### Disinfecting Baby Furniture and Toys

Painted and enameled cribs, changing tables and high chairs, plastic mattress covers and bumpers, and washable colorfast toys are disinfected quickly and easily with this product. Plus, this product kills 99.9% of all common germs, including those that cause odors. This product leaves baby's room clean and fresh smelling. Disinfect with a solution of 1 cup of this product in one gallon of water. Let solution stand for at least 5 minutes. Rinse and allow to [air] dry.



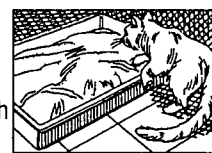
### Sanitize and Remove Stains from Kitchenware

Tough stains can be removed from china, dinnerware, dishes, plastic and glassware with this product. Plus, this product sanitizes as it cleans. Wash items thoroughly as you normally would. Then soak for 1 minute in a solution of 1 Tablespoon of this product to each gallon of water. Then drain and air dry.



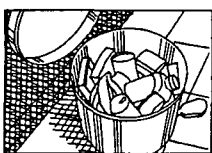
### Deodorizing Cat's Litter Box

Unpleasant cat box odors can be eliminated when this product is used to kill odor-causing germs. Wash litter box with sudsy water. Then rinse with a solution of 2/3 cup of this product per gallon of water. Let solution stand 2 minutes before rinsing thoroughly.



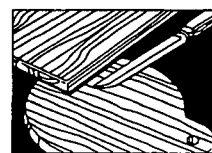
### Eliminating Garbage Can Odors

This product can deodorize and sanitize your garbage cans by eliminating the bacteria that cause odors. Wash garbage cans with soapy water and rinse. Then to deodorize and sanitize, swish a solution of 3/4 cup of this product per gallon of water over the inside of the can. Let the solution stand 5 minutes before rinsing.



### Sanitize Wooden Cutting Boards

Wash counter or cutting board with hot sudsy water. Rinse, then drain. Prior to use, rinse surface thoroughly with solution of 3 Tablespoons of this product per 1 gallon of water. Keep surface wet for at least 2 minutes. Rinse surface with a solution of 1 tablespoon of this product per gallon of water. Do not rinse or soak equipment overnight.



### Eliminating Refrigerator Odors

This product kills odor-causing bacteria and leaves your refrigerator smelling fresh and clean. Use it inside and out. Wash surfaces with a solution of 2/3 cup of this product per gallon of soapy water. Let stand 2 minutes. Rinse and then air dry interior surfaces a few minutes before replacing food.



### Keep Christmas Trees Fresher Longer

To prolong the life of a fresh cut tree instead of using plain water in the tree stand bowl, use a solution of 2 teaspoons of this product, 1/2 gallon hot water, 1 cup corn syrup and 1/8 cup powdered chelated iron (available from local nurseries).



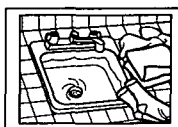
### [Directions for] Recharging the Antimicrobial Power of Products Treated with [Clorox] HaloShield™



This product can recharge the antimicrobial power of products treated with [Clorox] HaloShield™ a patented textile treatment that harnesses the germ-killing power of chlorine bleach.

#### [In the] Washer or Washing Machine

Wash regularly in a laundry load with 3/4 cup of this product. Follow laundry use directions.



#### [In the] Sink

Fill sink with a gallon of water. Add 3/4 cup of this product. Soak cloths in solution for [at least] 5 minutes, then rinse sink and cloths. Allow to air dry.

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## CPPC Ultra Bleach 2 For a cleaner fresher laundry

This product a germicide and/or broad spectrum disinfectant is a 6.15% sodium hypochlorite solution containing 5.84% available chlorine by weight. This product can be used on hard nonporous surfaces in homes, hospitals, commercial, institutional, and eating establishments, pet kennels, and veterinary premises.

- Whitens and removes stains or
- Brightens whites and removes stains
- Safe for most color fast washables
- Boosts cold water cleaning power
- Disinfects and deodorizes by killing most odor causing germs and their odors
- Whitens bleachable fabrics
- Removes [Tough] Stains
- Cleans
- Recharges the antimicrobial power of [Clorox] Haloshield™ products or products treated with [Clorox] Haloshield™

One Tablespoon of this product in a gallon of water is equivalent to 200 parts per million (ppm) available chlorine

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

	Amount of this product	Amount water	Instructions
<b>FOR SANITIZING</b>			
Work Surfaces	1 Tbsp [1/2 oz]	1 Gallon	Wash, rinse, wipe surface area with bleach solution for at least 1 minute. Let air dry.
Dishes, Glassware, Utensils	1 Tbsp [1/2 oz]	1 Gallon	Wash and rinse. After washing, soak for at least 1 minute in bleach solution, drain and air dry.
Refrigerators, Freezers	1 Tbsp [1/2 oz]	1 Gallon	Wash, rinse, wipe surface area with bleach solution for at least 1 minute. Let air dry.
Garbage Cans	3/4 cup	1 Gallon	After washing and rinsing, brush inside with bleach solution. Let drain.
Sponges, Dishcloths, Rags, Mops, Brushes & Brooms	3/4 cup	1 Gallon	Pre-wash items, then soak them in bleach solution for at least 5 minutes. Rinse well and air dry.
<b>FOR DISINFECTING</b>			
Floors & Walls	1 cup	1 Gallon	Pre-wash surface, mop or wipe with bleach solution. Allow solution to contact surface for at least 5 minutes. Rinse well and air dry.
Bathtubs & Showers	1 Cup	1 Gallon	Pre-wash surface [and] wipe with bleach solution. Allow solution to contact surface for at least 5 minutes. Rinse well and air dry.
Laundry	1 Cup [8 oz]	Standard Washer	Use 1 1/4 cups bleach for extra large washers. Use a detergent.
Toilet Bowl	1 cup	Toilet Bowl	Flush toilet. Pour this product into bowl. Brush entire bowl including under rim. Let stand 5 minutes before flushing.
<b>FOR DEODORIZING</b>			
Garbage Cans	2/3 cup	1 Gallon	After washing and rinsing, brush inside with bleach solution. Let drain.
Drains	1 Cup [8 oz]	—	Flush drains. Pour into drain. Flush with hot water.
<b>FOR BLEACHING/WHITENING</b>			
Wooden Surfaces	2/3 cup	1 Gallon	Apply for [at least] 2 minutes, rinse.
<b>FOR MOLD, MILDEW &amp; STAIN REMOVAL</b>			
All Surfaces	1 cup	1 Gallon	Add bleach to [powdered] detergent solution. Apply, let stand for at least 5 minutes. Wipe and rinse.

For additional directions for use, including Service Bulletins, visit *insert website*

**Note to reviewer:** this website will contain approved directions for use. The intention is to put this statement and website address on our production label, in an effort to make our full directions for use (particularly the Service Bulletins) available to the end users.

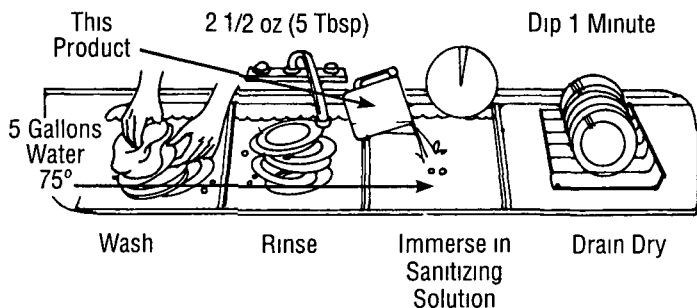
## How to Sanitize and Disinfect with CPPC Ultra Bleach 2

This product is an effective multi purpose sanitizer/disinfectant that kills bacteria that may cause food poisoning

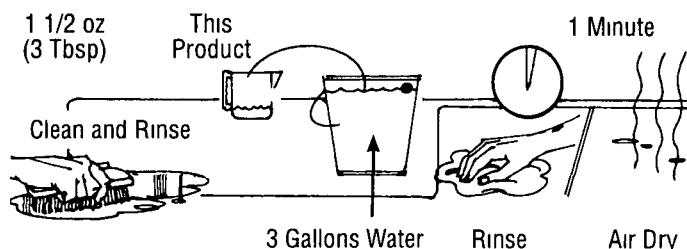
\* This product is acceptable as a **sanitizer for all surfaces not always requiring a rinse (D2)** in and around food processing areas

### TO SANITIZE

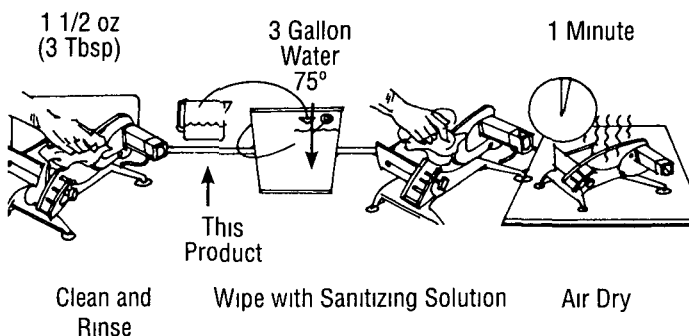
#### Pots & Pans • Glasses, Dishes, Utensils



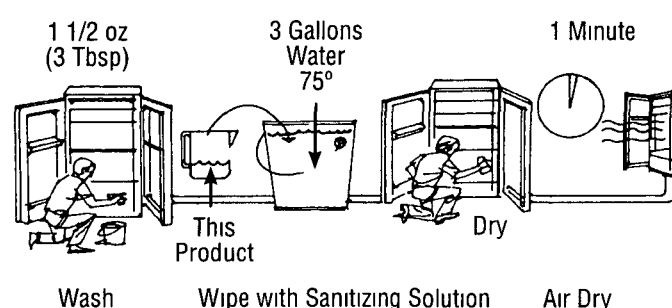
#### Food Contact Surfaces



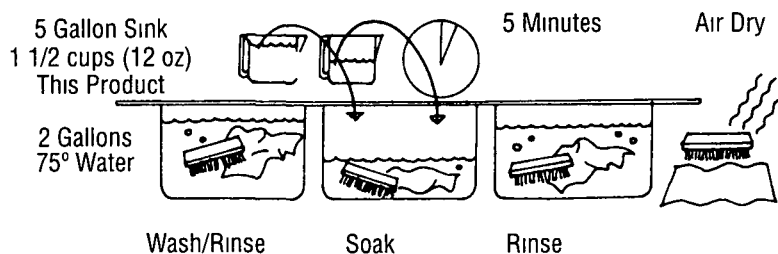
#### Food Equipment



#### Refrigerators & Freezers

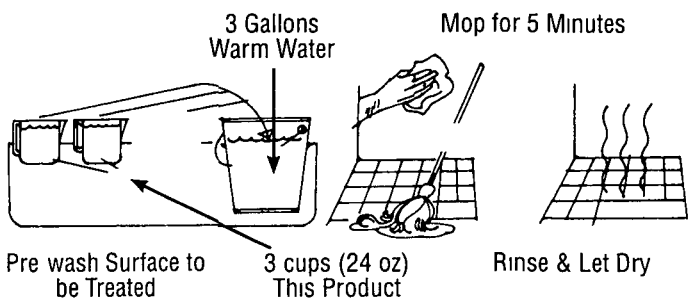


#### Mops, Brushes, Rags

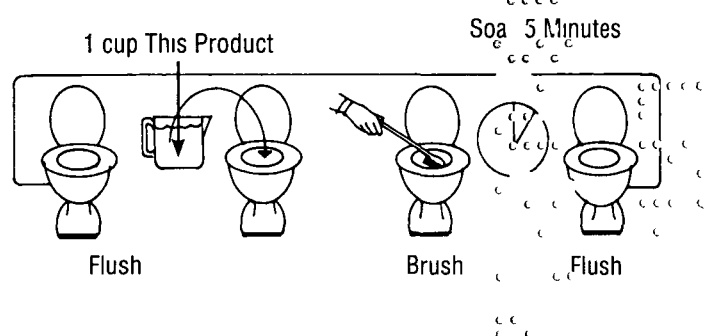


### TO DISINFECT

#### Floors & Walls



#### Toilets







For additional information regarding Clorox training tools and dispensing systems please call 1 888 797 7225 or \_\_\_\_\_

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## How to Sanitize and Disinfect with CPPC Ultra Bleach 2

1 pump = 23 mL (0.78 oz)

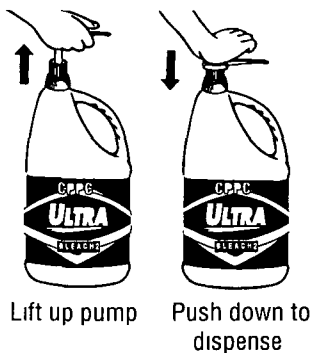
APPLICATIONS	AMOUNT	INSTRUCTIONS
<b>Sanitizing in the sink</b>   	<b>Bleach</b> 7 Pumps  <b>Water</b> 10 Gallons	<ul style="list-style-type: none"> <li>Add 7 pumps of this solution to 10 gallons of 65-75° F (room temperature) water in the sanitizing sink compartment</li> <li>Check chlorine concentration with standard test strip  <b>Concentration should not exceed 200 ppm of available chlorine</b></li> <li>Wash and rinse</li> <li>Soak pots/pans/serving trays/utensils and food equipment for at least 1 minute in a solution of this product</li> <li>Drain &amp; air dry</li> </ul>
Lift up pump Push down to dispense		
<b>Wipe Cloths</b>   	<b>Bleach</b> 3 Pumps  <b>Water</b> 4 Gallons	<ul style="list-style-type: none"> <li>Wash wipe cloths prior to sanitizing in a solution of this product for at least 5 minutes  <b>Store wipe cloths in bleach solution when not in use</b></li> <li>Fill 4 gallon dispenser with 65-75° F (room temperature) water</li> <li>Add 3 pumps of this product</li> <li>Draw a solution of this product from dispenser as needed into well bowls, pans or spray bottles</li> <li>Check concentration frequently with standard chlorine test strip  <b>Concentration should not exceed 200 ppm of available chlorine</b></li> </ul>
<b>Food Contact Surfaces</b>  (Beverage centers/ nonporous prep boards holding wells/ service counters & tables/ refrigerators/ freezers)  <b>Stationary Equipment or other Food Contact Surfaces</b>	<b>Bleach</b> 1 Pump  <b>Water</b> 2 Gallons	<ul style="list-style-type: none"> <li>Add 1 pump of this product to 2 gallon bucket of 65-75° F (room temperature) water</li> <li>Check concentration frequently with chlorine test strip  <b>Concentration should not exceed 200 ppm of available chlorine</b></li> <li>Wash, rinse and wipe surface with bleach solution</li> <li>Wet all drink surfaces for [at least] 1 minute</li> <li>Drain &amp; air dry</li> </ul> <p>NOTE: During food preparation periods, wipe food contact surfaces frequently with sanitized wipe cloths. <b>Store cloths in bleach solution when not in use</b></p> <p>Fresh sanitizing solution should be prepared daily or more often if the solution becomes diluted or soiled</p>



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## How to Sanitize and Disinfect with CPPC ULTRA BLEACH 2

### TOILETS AND URINALS DISINFECTION



#### Toilet

- Flush toilet to remove heavy soil
- Add 11 pumps of this product to toilet bowl
- Brush to thoroughly wet all surfaces including under the rim
- Let stand for 5 minutes then flush

#### Urinal

- Flush urinal to remove heavy soil
- Add 11 pumps of this product
- Brush thoroughly for 1 minute
- Let stand for 5 minutes then flush



### CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR SANITIZING LAUNDRY [REGISTERED AS (*Insert Registered Alternate Brand Name*)]

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

To sanitize laundry add enough of this product to reach 200 ppm (parts per million) available chlorine or Use 1 cup of this product per standard washer 1 1/4 cups for extra large washers or heavily soiled loads Use a detergent This product used according to these directions is effective against *Staphylococcus aureus* [(Staph)] [ATCC 6538] *Influenza A* [Influenza A2] [Flu Virus] [(Strain Hong Kong)] [(representative of) the common flu virus] [ATCC VR 544] *Rhinovirus* [type 37] [ATCC VR 1147] *Trichophyton mentagrophytes* [(Athlete's Foot Fungus)] [ATCC 9533] [CDC No WO 0031] *Rotavirus* [(Strain WA)] [ATCC VR 2018] [Human] *Hepatitis A* [Virus] [(HAV)] [ATCC VR 2093] *Klebsiella pneumoniae* [ATCC 4352] *Pseudomonas aeruginosa* [(Pseudomonas)] [ATCC 15442]

NSF Category Code B2 Laundry products – nonfood contact

### CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR DISINFECTING LAUNDRY [REGISTERED AS (*Insert Registered Alternate Brand Name*)]

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

To disinfect laundry add enough of this product to reach 200 ppm (parts per million) available chlorine or Use 1 cup of this product per standard washer 1 1/4 cups for extra large washers or heavily soiled loads Use a detergent This product used according to these directions is effective against *Staphylococcus aureus* [(Staph)] [ATCC 6538] *Influenza A* [Influenza A2] [Flu Virus] [(Strain Hong Kong)] [(representative of) the common flu virus] [ATCC VR 544] *Rhinovirus* [type 37] [ATCC VR 1147] *Trichophyton mentagrophytes* [(Athlete's Foot Fungus)] [ATCC 9533] [CDC No WO 0031] *Rotavirus* [(Strain WA)] [ATCC VR 2018] [Human] *Hepatitis A* [Virus] [(HAV)] [ATCC VR 2093] *Klebsiella pneumoniae* [ATCC 4352] *Pseudomonas aeruginosa* [(Pseudomonas)] [ATCC 15442]

NSF Category Code B2 Laundry products – nonfood contact

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8)  
FOR CLOSED-LOOP LAUNDRY DISPENSING SYSTEMS  
[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

**FOR USE WITH [*Insert Dispenser Name*] APPROVED DISPENSING SYSTEM** Installation and service should only be performed by a  
**[*Company Name*] Laundry Expert**

**To Disinfect or Sanitize Laundry** Add enough of this product to reach 200 ppm (parts per million) available chlorine. Use a detergent. This product used according to directions is effective against *Staphylococcus aureus* (staph), *Pseudomonas aeruginosa* (*pseudomonas*), Human Hepatitis B [(as duck HBV)], Influenza A2, Rhinovirus Type 37, Trichophyton mentagrophytes (Athlete's Foot Fungus), Rotavirus, Hepatitis A, *Klebsiella pneumoniae*.

**[For use with 4 to 6 gallon buckets/containers as defined in the ASTM standard. See Child Hazard Drowning Pictogram text below]**

**NOTICE** CHILDREN CAN FALL INTO BUCKET AND DROWN. KEEP CHILDREN AWAY FROM BUCKET WITH EVEN A SMALL AMOUNT OF WATER.]

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**CPPC ULTRA BLEACH 2 (EPA REG NO 67619-8) FOR SANITIZING HOSPITAL LAUNDRY  
[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

To sanitize laundry, add enough of this product to reach 200 ppm (parts per million) available chlorine, or Use 1 cup of this product per standard washer, 1 1/4 cups for extra large washers or heavily soiled loads. Use a detergent. This product used according to these directions is effective against *Staphylococcus aureus* [(Staph)] [ATCC 6538], Influenza A [Influenza A2] [Flu Virus] [(Strain Hong Kong)] [(representative of) the common flu virus)] [ATCC VR 544], Rhinovirus [type 37] [ATCC VR 1147], Trichophyton mentagrophytes [(Athlete's Foot Fungus)] [ATCC 9533] [CDC No. WO 0031], Rotavirus [(Strain WA)] [ATCC VR 2018], [Human] Hepatitis A [Virus] [(HAV)] [ATCC VR 2093], *Klebsiella pneumoniae* [ATCC 4352], *Pseudomonas aeruginosa* [(Pseudomonas)] [ATCC 15442].

NSF Category Code B2 Laundry products – nonfood contact

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR DISINFECTING HOSPITAL LAUNDRY  
[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

To disinfect laundry, add enough of this product to reach 200 ppm (parts per million) available chlorine, or Use 1 cup of this product per standard washer, 1 1/4 cups for extra large washers or heavily soiled loads. Use a detergent. This product used according to these directions is effective against *Staphylococcus aureus* [(Staph)] [ATCC 6538], Influenza A [Influenza A2] [Flu Virus] [(Strain Hong Kong)] [(representative of) the common flu virus)] [ATCC VR 544], Rhinovirus [type 37] [ATCC VR 1147], Trichophyton mentagrophytes [(Athlete's Foot Fungus)] [ATCC 9533] [CDC No. WO 0031], Rotavirus [(Strain WA)] [ATCC VR 2018], [Human] Hepatitis A [Virus] [(HAV)] [ATCC VR 2093], *Klebsiella pneumoniae* [ATCC 4352], *Pseudomonas aeruginosa* [(Pseudomonas)] [ATCC 15442].

NSF Category Code B2 Laundry products – nonfood contact

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**CPPC ULTRA BLEACH 2 (EPA REG NO 67619-8)  
DISINFECTING OF SURFACES CONTAMINATED WITH *CLOSTRIDIUM DIFFICILE* SPORES  
[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

**Reducing exposure to *Clostridium difficile* in healthcare settings** *Clostridium difficile* spores have been found on hard nonporous surfaces in healthcare settings, have been shown to survive on surfaces for extended periods of time (up to 5 months), and have been cultured from the hands of hospital personnel working in environments with surface contamination. Laboratory studies indicate that 1% diluted CPPC Ultra Bleach 2 reduces *C. difficile* spores on surfaces by six logs in 10 minutes. Environmental disinfection interventions that include the use of 1% sodium hypochlorite for surface disinfection can reduce exposure to *C. difficile* from treated surfaces in healthcare settings.

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### Special Instructions for Cleaning Prior to Disinfection against *Clostridium difficile* [endo] spores

**Personal Protection** Wear appropriate barrier protection such as gloves gowns masks or eye covering

**Cleaning Procedure** Fecal matter/waste must be thoroughly cleaned from surfaces/objects before disinfection by application with clean cloth mop and/or sponge saturated with diluted bleach solution Cleaning should include vigorous wiping and/or scrubbing until visible soil is removed Special attention is needed for high touch surfaces Surfaces in patient rooms should be cleaned in a consistent manner (for example right to left) with restrooms cleaned last Do not reuse soiled cloths

**Infectious Materials Disposal** Cleaning materials used that may contain feces/waste should be disposed of immediately in accordance with local regulations for infectious materials disposal

**Directions for Use** [For] Killing *Clostridium difficile* [spores] Add 1 part bleach to 9 parts water to achieve a 1:10 dilution (~6000 ppm available chlorine) before use Clean hard nonporous surfaces by removing gross filth [loose dirt debris blood/bodily fluids etc ] Apply 1:10 solution and let stand for 10 minutes Rinse and air dry Prepare fresh solution daily [Avoid contact with surfaces that may be damaged by bleach ] Do not use on non stainless steel aluminum silver or chipped enamel

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## CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR FOOD EGG SANITATION

**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**  
It is a violation of Federal law to use this product in a manner inconsistent with its labeling

To sanitize food eggs thoroughly clean all eggs Prepare a 200 ppm available chlorine solution The sanitizer temperature should not exceed 130° F Spray the warm sanitizer so that the eggs are completely wet Allow the eggs to fully dry before casing or breaking Do not apply a potable water rinse The solution should not be re used to sanitize eggs

NSF Category Code Q4 Shell Eggs Chlorine sanitizers

**For continuous washers** prepare washing solution as above Add an additional 1/2 oz of detergent per every 4 gallons of 50 ppm available chlorine solution every 30 minutes Dump wash tank and recharge every 2 hours **For manual method** soak eggs for only 1 to 2 minutes Agitate basket Make sure eggs are completely covered  
Air dry eggs as rapidly as possible Store in cool (55° F) room Maintain relative humidity of 60-80%

**NOTE** Keep egg washing equipment sanitary Frequent cleaning will aid in operation and produce more sanitary eggs While equipment is idle bacteria can multiply This contamination can be reduced by thoroughly flushing all equipment immediately before use with a solution of 200 ppm available chlorine

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## CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR MEAT & POULTRY PLANT LAUNDRY USE

**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**  
It is a violation of Federal law to use this product in a manner inconsistent with its labeling

This product may be used on fabric which contacts meat or poultry products directly or indirectly provided that the fabric is thoroughly rinsed with potable water at the end of the laundering operation

To sanitize laundry add enough of this product to reach 200 ppm (parts per million) available chlorine (1 cup of this product per standard washer 1 1/4 cups for extra large washers or heavily soiled loads) Use a good detergent For best results dilute this product with a quart of water and add to wash 5 minutes after the wash has begun Use chlorine test strips to adjust to exactly 200 ppm available chlorine

NSF Category Codes

B1 Laundry products – food contact

B2 Laundry products – nonfood contact

G4 Chlorine products

20/40

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8)  
FOR DISINFECTION OF FLOORS, WALLS, SHOWERS AND TOILETS  
[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

**TO DISINFECT FLOORS WALLS AND SHOWERS** For nonporous surfaces such as vinyl or ceramic tile clean surfaces to remove gross filth Rinse surfaces thoroughly with a 3600 ppm available chlorine solution Allow solution to remain on the surface for 5 minutes Rinse [Let air dry ]

**TO DISINFECT TOILETS** Flush toilet Pour 1 cup of this product into bowl Brush bowl thoroughly making sure to get under the rim and let solution stand for 5 minutes and flush again

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8)  
FOR AQUACULTURAL USES  
[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

**FISH PONDS** Remove fish from ponds prior to treatment Thoroughly mix 210 [fl] oz of this product to 10 000 gallons of water to obtain 10 ppm available chlorine

Pour into drained pond potholes Repeat if necessary Do not put desirable fish back into refilled ponds until chlorine residual has dropped to 0 ppm as determined by a test kit Add more product to the water if the available chlorine level is below 1 ppm after 5 minutes Return fish to pond after the available chlorine level reaches zero

**FISH POND EQUIPMENT** Thoroughly clean all equipment prior to treatment Thoroughly mix 4 5 [fl] oz of this product to 10 gallons of water to obtain 200 ppm available chlorine Porous equipment should soak for one hour

**MAINE LOBSTER PONDS** Remove lobsters seaweed etc from ponds prior to treatment Drain the pond Thoroughly mix 12 600 [fl] oz of this product to 10 000 gallons of water to obtain at least 600 ppm available chlorine Apply so that all barrows gates rock and dam are treated with product Permit high tide to fill the pond and then close gates Allow water to stand for 2 to 3 days until the available chlorine level reaches zero Open gates and allow 2 tidal cycles to flush the pond before returning lobsters to pond

**CONDITIONING LIVE OYSTERS** Thoroughly mix 10 5 [fl] oz of this product to 10 000 gallons of water at 50 to 70 degrees F to obtain 0 5 ppm available chlorine Expose oysters to this solution for at least 15 minutes monitoring the available chlorine level so that it does not fall below 0 05 ppm Repeat entire process if the available chlorine level drops below 0 05 ppm or the temperature falls below 50 degrees F

**CONTROL OF SCAVENGERS IN FISH HATCHERY PONDS** Prepare a solution containing 200 ppm of available chlorine by mixing 4 5 [fl] oz of product with 10 gallons of water Pour into drained pond potholes Repeat if necessary Do not put desirable fish back into refilled ponds until chlorine residual has dropped to 0 ppm as determined by a test kit

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8)  
FOR DAIRY AND CREAMERY EQUIPMENT SANITATION  
[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**  
**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

This product is effective as a chemical sanitizer of milk utensils containers and equipment This product dissolves milk solids and other protein material and is a quick and effective deodorizer

An exposure period of at least 2 minutes to a 200 ppm available chlorine solution should be maintained when the solution temperature is 75° F Use chlorine test strips to adjust solution to desired strength Lower solution temperatures result in slower action for each 18° F drop in temperature approximately double the exposure time is needed to achieve equivalent bactericidal action with same strength of solution You can also compensate for lower temperatures by increasing the concentration of this product

It is important to clean out large deposits of milk or other organic matter before applying this product/water solution. A sharp decline in the available chlorine content of the solution following circulation through milk processing equipment is usually regarded as evidence of inadequate cleaning of the equipment and should be promptly investigated.

**RUBBER TEAT CUPS AND TUBES** Before each milking, prepare a 200 ppm available chlorine sanitizing solution. Dip teat cups into this solution for 2 minutes before transferring them from one cow to another.

**To Sanitize SOAKING METHOD** After each milking, wash cups and tubes by brushing thoroughly with detergent solution. Rinse cups and tubes with cold water. Prepare a 200 ppm available chlorine sanitizing solution in earthenware, glass, porcelain or stoneware containers. Submerge cups in this solution for 1 minute, holding ends of tubes. Coil tubes slowly into solution between milkings. Drain thoroughly before using.

To maintain sanitizing solution at proper strength, add 1 1/2 oz of this product daily (in hot weather, 3 oz) for each 10 gallons water. Mix well. Protect solution from light. Renew solution daily. Old solution may be utilized for deodorizing and making floors and drains sanitary. For this purpose, add 1 teaspoon of this product for each gallon of old solution. Mix well.

**To Sanitize RACK METHOD** After each milking, rinse cups and tubes in cold water. Wash in detergent solution, then rinse. Prepare a 200 ppm available chlorine sanitizing solution, place solution in bottle above rack for 1 minute. Place tubes and cups in rack, fill with solution and let stand between milkings. Drain thoroughly and air dry before using. Old solution may be utilized in deodorizing and making floors and drains sanitary.

**METAL TEAT CUPS AND TUBES** Before each milking, prepare a 200 ppm available chlorine sanitizing solution. Dip teat cups into this solution before transferring them from one cow to another.

**To Sanitize** After each milking, rinse cups and tubes with cold water. Wash in detergent solution, rinse in a 200 ppm available chlorine solution for 1 minute, drain thoroughly and dry before using. **(Metal cups should not be left in bleach solution)**

**TO CLEAN AND SANITIZE MILKING MACHINES AND UTENSILS** Immediately after milking, flush equipment with clean, lukewarm water. Dismantle equipment after each milking and wash it (including all rubber parts and stanchion hoses) and all utensils with a solution prepared by thoroughly mixing 1 oz of your [regular] [powdered] detergent with each gallon of a 200 ppm available chlorine solution. Water temperature should be 100° F to 130° F. **(DO NOT MIX THIS PRODUCT WITH ACID CLEANERS OR MILK STONE REMOVERS)** Rinse equipment and utensils thoroughly with clean, clear water. Drain. Air dry. **Immediately before use, sanitize according to directions shown below \***

**CLEANING IN PLACE BULK STORAGE TANKS DAIRY PIPELINES TRANSFER STATIONS** Immediately after emptying milk, flush surfaces with a large volume of clear, lukewarm water until water runs completely clear. Thoroughly mix solution of 1 oz of your [regular] [powdered] detergent with each gallon of a 200 ppm available chlorine solution. Hot water should be used if available, and the temperature of the solution should be maintained at 120-160° F throughout the entire circulation. **(DO NOT USE THIS PRODUCT WITH ACID CLEANERS OR MILK STONE REMOVERS)** Circulate the sanitizing solution through the system for 10 to 15 minutes. (Brush wash with solution all parts not coming in contact with solution as it circulates.) Rinse thoroughly with clean, clear water, allow to drain. Air dry. Seal this equipment to help protect against contamination. **Immediately before use, sanitize according to directions shown below \***

**SEPARATORS STRAINERS MILK CANS PAILS CHURNS PASTEURIZERS** to clean and sanitize After using, rinse immediately with clear cold water, then scrub or pressure spray with solution of 1 oz of your [regular] [powdered] detergent thoroughly mixed with each gallon of 200 ppm available chlorine solution. Rinse with clean, clear water, drain thoroughly. Air dry. **Immediately before use, sanitize according to directions shown below \***

**MILK BOTTLES** To sanitize Clean and rinse, then immerse for 5 minutes in a 200 ppm available chlorine solution prepared with cold or lukewarm water. Drain, fill. If bottles are not filled promptly, rinse again with same strength bleach solution immediately before filling. Drain thoroughly. Air dry. Ordinarily, 12 gallons of this strength solution will sanitize 5000 clean quart bottles. Keep this bleach solution clean and free from milk particles.

**ICE CREAM FREEZERS** To clean and sanitize After using, flush with warm water until water runs clear. Scrub or pressure spray with solution prepared by thoroughly mixing 1 oz of [regular] [powdered] detergent with each gallon of 200 ppm available chlorine solution. Let stand 2 minutes. Rinse thoroughly with clean, clear water, drain. Air dry. **Immediately before use, sanitize according to directions shown below \***

**\*BEFORE USE** Rinse with a 200 ppm available chlorine sanitizing solution 2 minutes, drain thoroughly.

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) DISINFECTING GUIDE**  
**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

This product a positive powerful germicide is a 6.15% sodium hypochlorite solution containing approximately 5.84% available chlorine by weight. In addition to being a highly effective liquid chlorine bleach for laundering and disinfecting, it is widely used in sanitation of poultry and livestock houses and equipment, dairies, creameries, restaurants and taverns, as well as for purification of drinking water and disinfection of water for swimming and wading pools.

**IMPORTANT: Always thoroughly mix with water as directed before using.**

Do not allow undiluted product to come in contact with any fabric. (If it does, rinse out immediately with clear, cold water.)

Do not apply with natural sponge.

Do not use on non-stainless steel, aluminum, silver, or chipped enamel.

If used on metal, solution should be allowed to stand for **no more than 5 minutes** and then rinsed off thoroughly with clear water, otherwise it may slightly discolor and eventually corrode the metal.

If a metal sprayer is used to apply the solution, rinse sprayer thoroughly after use with clear water and then oil the plunger.

SEPTIC TANK OPERATION is not affected by regular home and farm use of this product.

**TABLE OF LIQUID MEASURES**

3 tsp =	1 Tbsp =	1/2 Ounce =	1/16 Cup
16 Tbsp =	8 Ounces =	1 Cup =	1/2 Pint

For directions on sanitizing and disinfecting specific surfaces, write:

**CLOROX PROFESSIONAL PRODUCTS COMPANY**  
Consumer Services Department  
Oakland, California 94612-1888

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8)**  
**AS A FUNGICIDE FOR SEED POTATOES**  
**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

This product is fungicidal to the Verticillium wilt organism *V. albo-atrum* (microsclerotial type) on seed potatoes. A bleach solution of this product is applied to whole seed and freshly cut seed potato pieces during the cutting operation for planting. [Research at the Washington State University Irrigated Agriculture Research and Extension Center\* has shown that treatment with a sodium hypochlorite solution helps to prevent the spread of organisms to uninfected soil or fields via seed potato surfaces.]

**Use Instructions**

Thoroughly mix a solution of 5000 ppm available chlorine for spraying. Use this solution to spray freshly cut seed potato pieces from the top and bottom of the cutting chain or elevator with a series of non-mist nozzles at 3 to 5 psi. Thoroughly cover all cut and uncut surfaces with the solution. The treatment will be most effective on clean seed tubers, as the organic matter in soil will reduce the effectiveness of the sodium hypochlorite. Plant within four hours of the cutting and bleach treatment operation. If planting should be delayed, store the treated seed in clean, open, well-ventilated bins or truck beds. Storing cut, wet seed in large unventilated containers will contribute to secondary breakdown from soft rot organisms.

**Safety Precautions**

Do not mix full strength product or treatment solution with any other agricultural chemical, ammonia, or acid. Avoid prolonged contact of this product with skin. Wear safety glasses. If full strength or diluted bleach is splashed in the eyes, flush with water.

Conduct the spraying operations either outside in a well ventilated building or under a hooded exhaust system. Use non misting nozzles to avoid breathing of mist. Wear a face mask and plastic or rubber gloves and clothing. Because sodium hypochlorite is corrosive to many metals chains and other machine parts should be either plastic or plastic coated and rinsed with clear water after use.

PLEASE NOTE DO NOT USE THE TREATED SEED FOR FOOD OR FEED. Use the bleach treatment only on crops and for the purposes recommended. Apply only as specified above. Do not apply in a dipping operation or bleach solution may become contaminated with soil and organic matter from the potato surfaces and lose its effectiveness.

\*Easton G D M E Nagle and D L Bailey 1972 *Verticillium albo atrum* Carried by Certified Seed Potatoes into Washington and Control by Chemicals *American Potato Journal* 49 397 402

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## **CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR MEAT AND POULTRY PROCESSING WATER**

**Not approved for use with CSFs A10 through A17**

**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

This product may be used in processing water of meat and poultry plants at concentrations up to 5 ppm (parts per million) calculated as available chlorine. Chlorine may be present in poultry chiller intake water in water for reprocessing poultry carcasses internally contaminated with feces and in red meat carcass final wash water at concentrations between 25 and 50 ppm calculated as available chlorine. Use Chlorine Test Strips to adjust to desired available chlorine level. Chlorine must be dispensed at a constant and uniform level and the method or system must be such that a controlled rate is maintained.

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## **CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR POULTRY CARE**

**SPECIAL INSTRUCTIONS FOR INACTIVATING AVIAN INFLUENZA A**

**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

**FOR INACTIVATION OF AVIAN INFLUENZA A IN POULTRY HOUSES BROODERS HATCHERIES**

- 1 Remove all poultry or animals and feeds from the premises trucks vehicles coops crates and enclosures
- 2 Remove all litter and manure or droppings from floors walls and surfaces of barns pens stalls chutes and other facilities and fixtures occupied or traversed by animals or poultry
- 3 Empty all troughs racks and other feeding and watering appliances
- 4 Thoroughly clean all surfaces with soap or detergent and rinse with water
- 5 Mix 1 part of this product with 24 parts water. Saturate all surfaces with the disinfecting solution for 5 minutes
- 6 Immerse all halters ropes and other types of equipment used in handling and restraining animals as well as forks shovels and scrapers used for removing litter and manure
- 7 Ventilate buildings coops and other closed spaces. Do not house livestock or poultry or employ equipment until treatment has been absorbed set or dried
- 8 Thoroughly scrub all treated feed racks mangers troughs automatic feeders fountains and waterers with soap or detergent and rinse with potable water before reuse

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## **CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR POULTRY CARE**

**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

Keeping poultry healthy productive and profitable is largely a problem of disease prevention. Remedial measures are much more difficult and often less successful than preventing the spread of disease before it infects the flock. Regular use of this product in the sanitation and disinfection of chicken houses brooders and other poultry equipment is an effective aid in preventing many diseases of bacterial and viral origin.

**TO SANITIZE DRINKING WATER** Prepare a 5ppm available chlorine solution using clear water. Let stand 1 minute. Use in glass porcelain stoneware or concrete containers. Clean containers daily. Rinse.

For young chicks a 2 ppm available chlorine solution should be prepared since baby chicks do not soil the water as rapidly as grown chickens and the solution retains its effectiveness longer.

When cleaning drinking water containers etc a 1600 ppm available chlorine solution is effective in removing the slime **DO NOT ALLOW BIRDS TO DRINK THIS SOLUTION**

**TO CLEAN AND DISINFECT POULTRY HOUSES BROODERS HATCHERIES** Poultry houses should be cleaned and disinfected between cycles hatcheries should be cleaned weekly or as necessary to keep sanitary Metal surfaces can be satisfactorily disinfected Wooden surfaces are difficult to sanitize by any method

- (1) Remove all litter loose dirt and debris
- (2) Thoroughly mix solution of 1 oz [powdered] detergent with each gallon of 3600 ppm available chlorine solution\*
- (3) Using this solution scrub or pressure spray all exposed areas including floor walls ceiling posts and support beams Let stand for 5 minutes
- (4) Rinse with clean clear **cold** water
- (5) Let dry thoroughly before introducing poultry

**METAL INCUBATORS, FEEDERS WATER CONTAINERS, OTHER POULTRY EQUIPMENT AND UTENSILS** To clean and disinfect, remove loose dirt and debris Scrub or pressure spray with solution of 1 oz [powdered] detergent thoroughly mixed with each gallon of 1200 ppm available chlorine solution\* Let stand for 2 minutes Rinse with clear **cold** water Let dry

\*Where this product/detergent solution is recommended for sanitizing poultry houses and equipment use **hot** water (140° F or above) if available

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8)**  
**FOR ENCLOSURES AND EQUIPMENT USED FOR AMPHIBIAN CARE**  
**SPECIAL INSTRUCTIONS FOR CONTROLLING THE SPREAD OF *BATRACHOCHYTRIUM DENDROBATIDIS***  
**(CHYTRID FUNGUS, FUNGAL PATHOGEN OF AMPHIBIANS)**  
**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**  
**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

**For Use on Hard Nonporous Enclosures and Equipment**  
Use protective gloves and ventilate area

- (1) Remove amphibians from area to be treated
- (2) Mix 1 part of this product to 4 parts water (approximately 1 2% sodium hypochlorite) (11 500 ppm)
- (3) Thoroughly clean and saturate surfaces for 5 minutes
- (4) Rinse thoroughly with water before placing amphibians in enclosures or in contact with equipment

Note All water used for cleaning enclosures and equipment must be treated with the bleach solution to avoid rinsing the Chytrid fungus down the drain or contaminating other surfaces

**For Use on Field Equipment**

Any hard nonporous equipment including rubber boots that comes into contact with water must be treated with bleach to prevent the fungal pathogen from spreading to clean sites (see instructions above) Care must be taken to avoid environmental contamination when disinfecting in the field

Note All water used for cleaning equipment must be treated with the bleach solution to avoid spreading the Chytrid fungus

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8)**  
**FOR SANITATION IN CARE OF LIVESTOCK, HORSES, PETS**  
**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**  
**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

**TO CLEAN AND DISINFECT BARNs STABLES HUTCHES KENNELS** Remove all litter loose dirt and debris Mix 1 oz [powdered] detergent with each gallon of 3600 ppm available chlorine solution until detergent is dissolved\* Using the solution thoroughly scrub or pressure spray all exposed areas including floor walls ceiling posts and support beams Let stand for [at least] 5 minutes Rinse with clear clear **cold** water Let area dry thoroughly before housing animals



**LOADING AND HAULING EQUIPMENT** Loading chutes trucks trailers and other equipment for transportation of animals should be cleaned and disinfected prior to use Pressure spray or scrub with solution prepared by thoroughly mixing 1 oz [powdered] detergent with each gallon of 2700 ppm available chlorine solution\* Let stand for [at least] 5 minutes Rinse with clean clear **cold** water Allow to dry before use

**FEEDERS AND DRINKING WATER CONTAINERS** to clean and disinfect Thoroughly scrub or pressure spray with solution of 1 oz [powdered] detergent mixed with each gallon of 3600 ppm available chlorine solution\* Let stand for [at least] 5 minutes Rinse thoroughly with clear **cold** water allow to drain dry (A solution of 1600 ppm available chlorine is effective in removing slime which sometimes forms on drinking water containers DO NOT LET ANIMALS DRINK THIS SOLUTION )

**TO SANITIZE ANIMALS DRINKING WATER** Prepare a 5 ppm available chlorine solution using clear water Use in glass plastic porcelain or concrete containers daily (See directions above )

For this product/detergent solution use hot water if available

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR SANITATION IN CARE OF SWINE**  
**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**  
It is a violation of Federal law to use this product in a manner inconsistent with its labeling

**HOG HOUSES AND FARROWING HOUSES** to clean and disinfect

- (1) Remove loose dirt litter and debris Dirty or coated surfaces cannot be disinfected
- (2) Mix 1 oz [powdered] detergent with each gallon of 3600 ppm available chlorine solution until detergent is dissolved Let stand for [at least] 5 minutes
- (3) Scrub or pressure spray all surfaces with this solution Rinse with clear **cold** water
- (4) Allow to dry before housing pigs

**CLEAN AND DISINFECT METAL WATERING TROUGHS AND FEEDERS** by pressure spraying or scrubbing with solution prepared by thoroughly mixing 1 oz [powdered] detergent with each gallon of 3600 ppm available chlorine solution\* Let stand for [at least] 5 minutes Rinse thoroughly with clear cold water drain dry (Drinking troughs and feeders should be cleaned and disinfected before housing pigs and as often as necessary to keep sanitary )

**TO SANITIZE DRINKING WATER** Prepare a 5ppm available chlorine solution using clear water (Water containing suspended material is difficult to sanitize )

NOTE Clean metal surfaces can be sanitized using the above method Wooden surfaces are difficult to sanitize by any method

For bleach/detergent solution use hot water if available

Use chlorine test strips to adjust to desired available chlorine level

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) IN SANITATION OF RESTAURANTS AND TAVERNS**  
**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**  
It is a violation of Federal law to use this product in a manner inconsistent with its labeling

An unclean kitchen and contaminated food can result in the spread of infectious disease To help avoid this it is important to keep all work surfaces equipment and utensils hygienically clean This product is a highly effective economical and convenient germicide for this use in restaurants and taverns as well as in the home

**TO SANITIZE WORK SURFACES (not utensils)** After each use scrub thoroughly with hot suds rinse with clear cold water Then prepare a 200 ppm available chlorine sanitizing solution Apply this solution 1 minute Air dry

**DISINFECT WORK SURFACES (not utensils)** After each use scrub thoroughly with hot suds rinse with clear cold water Then prepare a 3600 ppm available chlorine disinfecting solution Apply this solution 5 minutes Rinse with potable water Air dry

**TO SANITIZE DISHES GLASSWARE UTENSILS** Wash thoroughly then soak 1 minute in a 200 ppm available chlorine solution [made with hot water] Use chlorine test strips to adjust to 200 ppm available chlorine Drain dry (Do not use on steel aluminum silver or enameled enamel Disinfect these by scalding )

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**DISINFECTING SINK AND SANITIZING DISHCLOTH[S]** should be a routine follow up to dishwashing First wash sink and rinse dishcloth[s] in hot suds Drain out sudsy water Then fill with a 3600 ppm available chlorine solution Let stand 5 minutes Swish dishcloth[s] in this solution then use it to wipe sides of sink Soak dishcloth[s] for 1 minute in this solution Then rinse sink and dishcloth[s] with clear water Not approved for use in CA

**DISINFECTING SINK** Should be a routine follow up to dishwashing First wash sink and rinse dishcloth[s] in hot suds Drain out sudsy water Then fill with a 3600 ppm available chlorine solution Let stand 5 minutes

**TO DEODORIZE DRAIN PIPES** Flush with very hot water followed by 3/4 cup of this product Wait 5 minutes flush out with clear water

**TO SANITIZE REFRIGERATORS** First wash inside surfaces Then wipe with a 200 ppm available chlorine solution made with warm water Let stand for [at least] 1 minute Air dry (Do not use on steel aluminum silver or chipped enamel )

**ICE CREAM FREEZERS to clean and sanitize** After using flush with warm water until water runs clear Scrub or pressure spray with solution prepared by thoroughly mixing 1 oz [regular] [powdered] detergent with each gallon of 400 ppm available chlorine solution Rinse thoroughly with clean clear water drain Immediately before use sanitize for 2 minutes with a 200 ppm available chlorine solution drain thoroughly

**TO DISINFECT HARD, NONPOROUS FLOORS** (plastic or ceramic tile) Prepare a 3600 ppm available chlorine solution Mop or scrub (Do not use on cork or linoleum ) Let stand 5 minutes Rinse

**TO SANITIZE BRUSHES MOPS AND BROOMS** After using brushes mops and brooms wash thoroughly then soak for 5 minutes in a 2700 ppm available chlorine solution made with warm water Rinse with clear water dry (Not recommended for cellulose sponge mops )

**TO SANITIZE PAILS AND DUSTPANS** Remove heavy dirt prior to cleaning Wash with a 2700 ppm available chlorine solution Let stand 5 minutes Rinse with clear cold water Air dry

**TO DEODORIZE AND SANITIZE GARBAGE CANS** Remove heavy dirt with a cleaner Rinse Pour in a 2700 ppm available chlorine solution Swab inside surfaces with this solution Let stand 5 minutes Rinse with clear water dry

NSF Designation D2 – This product is acceptable as a **sanitizer for all surfaces not always requiring a rinse (D2)** in and around food processing areas

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8)  
FOR SANITIZING SOLUTIONS FOR EQUIPMENT AND UTENSILS  
[REGISTERED AS (*Insert Registered Alternate Brand Name*)]  
It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

Before using this product food products and packaging materials must be removed from the room or kept protected

Before they are treated with a bleach solution the food processing equipment and utensils must be thoroughly washed and then rinsed with clear cold water

The bleach solution used for sanitizing should not exceed 200 ppm (parts per million) available chlorine (Use chlorine test strips to adjust to 200 ppm available chlorine ) The bleach solution should be applied by spraying soaking or scrubbing Treated surfaces should remain wet for at least one minute

A potable water rinse is not required provided the equipment and utensils are adequately drained before they come into contact with food Little or no residue should remain to adulterate or otherwise affect edible products

NSF Designation D2 – This product is acceptable as a **sanitizer for all surfaces not always requiring a rinse (D2)** in and around food processing areas

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR SWIMMING POOL DISINFECTION**  
**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**  
**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

This product is a 6.15% sodium hypochlorite solution containing approximately 5.84% available chlorine by weight. The purity of its ingredients and the carefully supervised process of its manufacture make this product a quality source of chlorine for water treatment in swimming and wading pools. This product is especially suitable for use in chlorinators as it is a liquid and has no insoluble particles. This product is widely used as a source of chlorine for swimming pool sanitation and does not have any adverse effects on materials used in pool construction including swimming pool liners.

For each new filling of your pool, use following initial dosages of this product:

Swimming Pool Size in Gallons	Initial Dosage of this product	Swimming Pool Size in Gallons	Initial Dosage of this product
5 000	2 3/4 cups	20 000	10 1/2 cups
6 000	3 1/4 cups	25 000	13 1/2 cups
8 000	4 1/4 cups	30 000	16 cups
10 000	5 1/4 cups	35 000	19 cups
15 000	8 cups		

NOTE: 2 cups = 1 pint, 4 cups = 1 quart, 16 cups = 1 gallon

To determine the volume of water in the pool when filled, figure 7 1/2 gallons of water for each cubic foot of pool capacity. Three and 1/4 cups of this product per 6 000 gallons of water will supply approximately 2 ppm (parts per million) available chlorine, but this may dissipate rather rapidly in new water depending on the general sanitation conditions of the pool. Repeat dosage as needed to obtain 0.6 to 1.0 ppm available chlorine. Use chlorine test strips to adjust to the desired concentration. **Do not re-enter into treated pools when available chlorine concentration is above 4 ppm due to risk of bodily harm.**

In chlorinating a swimming pool, mix the required amount of this product with 10 parts water and feed this solution through a chlorinator into the main water supply line to the pool. The feeding rate should be adjusted so the required quantity of this product will be added uniformly throughout the filling of the pool, or if the water is circulated through a filter, this product should be added throughout one complete circulation. If this product cannot be fed into the main water supply line, mix 1/2 pint of this product with 5 gallons of water and scatter over a portion of the pool surface; repeat until the required amount of this product has been scattered over entire surface of the pool.

Check chlorine level in pool water at least daily with a pool testing set and add this product as needed to maintain 0.6 to 1.0 ppm available chlorine. One and 5/8 cups of this product per 6 000 gallons of water will supply approximately 1.0 ppm available chlorine. Frequency of application of this dosage will vary depending on number of people using the pool, weather conditions (sunlight exposure) and general cleanliness of the pool area. Chlorine level for acid stabilized pools should be maintained at 1.0 to 1.5 ppm available chlorine.

Every 7 days, or as necessary, superchlorinate the pool with 100-200 oz. of product for each 10 000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Do not reenter pool until the chlorine residual is between 1 to 3 ppm.

The effectiveness of the chlorine is best when the pool water has a pH range of 7.2 to 7.6. The pH of the pool water should be checked daily using a pool pH testing set and adjusted as necessary.

The regular use of this product in the above proportions in the swimming pool usually prevents the growth of algae in the water; however, if algae growth is causing the pool water to look cloudy and uninviting, it may be corrected by doubling the initial dosage of this product for a few treatments. This additional product should be added to the pool in the evening after the pool is out of use so the excess chlorine will be dissipated before the pool is used again.

If algae are growing on the bottom or walls of the pool, scrub pool with a solution of 7 cups of this product to 5 gallons of water, applying solution with a fiber brush. The pool should be scrubbed while wet and rinsed off when algae growth has been removed. All of the growth and dirty solution should be flushed from the pool with clear water before the pool is refilled. Avoid skin contact with undiluted product; if such contact occurs, rinse immediately with water. When added as recommended, this product has no deleterious effects on the eyes, nasal passages, or skin of people using the pool and will have no effect on swimming apparel.

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR WADING POOL DISINFECTION**  
**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**  
**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

This product is a 6.15% sodium hypochlorite solution containing approximately 5.84% available chlorine by weight. It is a convenient, economical source of chlorine for water treatment in swimming and wading pools. Also, because this product is a liquid with no insoluble particles, it is especially suitable for this use.

In chlorinating wading pools, use 1/8 cup per 100 gallons of new water. Mix required amount of this product with 2 gallons of water and scatter over surface of pool. Mix uniformly with pool water.

Do not reenter pool until the chlorine residual is between 1 to 3 ppm.

**Do not re enter into treated pools when available chlorine concentration is above 4 ppm due to risk of bodily harm**

Empty small pools daily. (This product will not harm plastic pools.)

The chart below is a guide to the amount of this product to add to various sized round pools. One eighth cup of this product should be added to every 100 gallons of pool water.

**Pool Diameter**

Depth of Water	4 Ft	6 Ft	8 Ft	10 Ft	15 Ft
6 inches	1/16 cup	1/8 cup	1/4 cup	3/8 cup	3/4 cup
1 foot	1/8 cup	1/4 cup	1/2 cup	3/4 cups	1 5/8 cups
2 feet	1/4 cup	1/2 cup	1 cup	1 1/2 cups	3 1/4 cups
3 feet	3/8 cup	3/4 cup	1 1/2 cups	2 1/4 cups	5 cups

**TABLE OF LIQUID MEASURES**

3 tsp =	1 Tbsp =	1/2 Ounce =	1/16 Cup
16 Tbsp =	8 Ounces =	1 Cup =	1/2 Pint

Stabilized pools should maintain a residual of 1.0 to 1.5 ppm available chlorine. Test the pH, available chlorine residual and alkalinity of the water frequently with appropriate test kits. Frequency of water treatment will depend upon temperature and number of swimmers.

**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8)**  
**FOR BACTERICIDAL EFFICACY**  
**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**  
**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

This product, when used as directed below, is effective against the following bacteria:

**Gram positive bacteria** including

Staphylococcus aureus [(Staph)] [ATCC 6538]  
 Streptococcus pyogenes [(Strep)] [ATCC 9342]  
 Methicillin resistant Staphylococcus aureus [(MRSA)] [ATCC 33592]  
 Streptococcus pneumoniae [(Strep)] [ATCC 6305]

**Gram negative bacteria** including

Acinetobacter baumannii [ATCC 15308]  
 Salmonella enterica [ATCC 10708] (*tested as Salmonella choleraesuis*)  
 Pseudomonas aeruginosa [(Pseudomonas)] [ATCC 15442]  
 Escherichia coli O157 H7 [(E. coli)] [ATCC 35150]  
 Legionella pneumophila [(Legionella)] [ATCC 33153]  
 Shigella dysenteriae [(Shigella)] [ATCC 13313]  
 Vancomycin resistant Enterococcus faecalis [(VRE)] [ATCC 51299]

**Directions for use**

**Hard Nonporous Surfaces**

To disinfect hard nonporous surfaces, first clean surface by removing gross filth (loose dirt, debris, food materials, etc.). Prepare a 3600 ppm available chlorine solution. Thoroughly wet surface with the solution and allow it to remain on the surface for 5 minutes. Rinse with clean water and dry.

**TO SANITIZE GARBAGE CANS/DIAPER PAILS** Preclean garbage can/diaper pail with a cleaning product prior to sanitization. Rinse with water and drain. Pour in 2700 ppm available chlorine solution. Let stand [at least] 5 minutes. Rinse and air dry.

**Toilet Bowls** Flush toilet to remove gross filth. Add 1 cup of this product to the bowl and brush surfaces thoroughly, making sure to get under the rim. Let stand 5 minutes before flushing again.

#### Use Sites

This product can be used on hard nonporous surfaces in commercial, institutional, hospital and premises (including kitchens, bathrooms, nurseries, sick rooms, laundry rooms), eating establishments, pet kennels and veterinary premises.

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### CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8)

#### TUBERCULOCIDAL EFFICACY

**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

This product, when used as directed below, is effective against *Mycobacterium bovis*.

#### Directions for use

##### Hard Nonporous Surfaces

To disinfect hard nonporous surfaces, first clean surface by removing gross filth (loose dirt, debris, food materials, etc.). Prepare a 5000 ppm available chlorine solution. Thoroughly wet surface with the solution and allow it to remain in contact with the surface for 5 minutes. Rinse with clean water and dry.

#### Use Sites

This product can be used on hard nonporous surfaces in commercial, institutional, hospital and premises (including kitchens, bathrooms, nurseries, sick rooms, laundry rooms), eating establishments, pet kennels and veterinary premises.

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### CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) VIRUCIDAL ‡ EFFICACY

**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

‡This product, when used as directed below, is effective against the following viruses on hard, nonporous, inanimate surfaces:

Adenovirus [type 2] [ATCC VR 846]  
[Human] Hepatitis A [Virus] [(HAV)] [ATCC VR 2093]  
[Human] Hepatitis B [Virus] [(HBV)] [(as duck HBV)]  
[Strain DHBV16]\*  
Human Immunodeficiency Virus Type 1 [(RF Strain)] [(HIV 1)]\*  
[Type 1] [HIV 1 Associated with AIDS]†  
Respiratory syncytial virus [(RSV)] [ATCC VR 26]  
Herpes simplex virus [type 2] or [Human] Herpesvirus [type 2]  
[ATCC VR 734] [(Strain G)]  
Rubella virus [ATCC VR 315]  
Feline parvovirus [ATCC VR 648]\*\*  
Avian Influenza A [ATCC VR 2072]  
Norovirus or Norwalk virus [(as Feline Calicivirus)] [ATCC VR 782]

[Human] Hepatitis C [Virus] [(HCV)] [(as bovine viral  
diarrhea virus)] [ATCC VR 1422]\*  
Parainfluenza [type 1] [(Strain Sendai)] [ATCC VR 907]  
Rotavirus [(Strain WA)] [ATCC VR 2018] †  
Cytomegalovirus [ATCC VR 578]  
Influenza A [Influenza A2] [Flu Virus] [(Strain Hong Kong)]  
[(representative of] the common flu virus)] [ATCC VR 544]  
Varicella zoster virus [ATCC VR 586]  
Rhinovirus [type 17] [ATCC VR 1147]  
Canine parvovirus [ATCC VR 953]\*\*  
Human Coronavirus [ATCC VR 740]

#### Directions for use

##### Hard Nonporous Surfaces

To disinfect hard nonporous surfaces, first clean surface by removing gross filth (loose dirt, debris, food materials, etc.). Prepare a 3600 ppm available chlorine solution. Thoroughly wet surface with the solution and allow it to remain in contact with the surface for 5 minutes. Rinse with clean water and dry.

\*see directions in the Clorox Service Bulletin entitled "Special Instructions for Using CPPC ULTRA BLEACH 2 to Clean and Decontaminate Against HIV, HBV and HCV on Surfaces/Objects Soiled with Blood/Body Fluids"

\*\*For Canine and Feline parvovirus use the same instructions as above but keep the solution in contact with the surface for 10 minutes

† Keep the solution in contact with the surface for 2 minutes

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**TO SANITIZE GARBAGE CANS/DIAPER PAILS** Preclean garbage can/diaper pail with a cleaning product prior to sanitization. Rinse with water and drain. Pour in 2700 ppm available chlorine solution. Let stand [at least] 1 minute. Rinse and air dry.

**Toilet Bowls** Flush toilet to remove gross filth. Add 1 cup of this product to the bowl and brush surfaces thoroughly, making sure to get under the rim. Let stand 5 minutes before flushing again.

#### Use Sites

This product can be used on hard nonporous surfaces in commercial, institutional, hospital and premises (including kitchens, bathrooms, nurseries, sick rooms, laundry rooms), eating establishments, pet kennels and veterinary premises.

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### CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FUNGICIDAL EFFICACY

**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

This product, when used as directed below, is effective against molds, Athlete's foot fungus (*Trichophyton mentagrophytes*) and Mildew (*Aspergillus niger*).

#### Directions for use

Hard Nonporous Surfaces

To disinfect hard nonporous surfaces, first clean surface by removing gross filth (loose dirt, debris, food materials, etc.). Prepare a 3600 ppm available chlorine solution. Thoroughly wet surface with the solution and allow it to remain on the surface for 5 minutes. Rinse with clean water and dry.

**TO SANITIZE GARBAGE CANS/DIAPER PAILS** Preclean garbage can/diaper pail with a cleaning product prior to sanitization. Rinse with water and drain. Pour in 2700 ppm available chlorine solution. Let stand [at least] 5 minutes. Rinse and air dry.

#### Use Sites

This product can be used on hard nonporous surfaces in commercial, institutional, hospital and premises (including kitchens, shower stalls, bathrooms, nurseries, sick rooms, laundry rooms), eating establishments, pet kennels and veterinary premises.

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### Special Instructions for Using CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8)

**to Clean and Decontaminate Against HIV, HBV†† and HCV†† on Surfaces/Objects Soiled with Blood/Body Fluids**

**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

This product kills HIV 1, HBV and HCV on precleaned environmental surfaces/objects previously soiled with blood/body fluids in health care settings (e.g., hospitals, nursing homes) or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV 1) (associated with AIDS), [Human] Hepatitis B Virus (HBV) and [Human] Hepatitis C Virus (HCV).

**Personal Protection** When handling items soiled with blood or body fluids, use disposable latex gloves, gowns, masks, and eye coverings.

**Cleaning Procedure** Blood and other body fluids must be thoroughly cleaned from surfaces and other objects before applying this product.

**Dilution and Contact time** Prepare a 3600 ppm available chlorine solution and spray or flood surface. Let stand 2 minutes [for HIV]. Let stand 5 min for HBV/HCV.

**Disposal of infectious materials** Use disposable latex gloves, gowns, masks, and eye coverings. Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

†† 5 min

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### CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR FRUIT & VEGETABLE WASHING

**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

Thoroughly clean all fruits and vegetables in a wash tank. Prepare a sanitizing solution of 25 ppm available chlorine. After draining the tank, submerge fruit or vegetables for 2 minutes in a second wash tank containing the recirculating sanitizing solution. Spray ripe vegetables with the sanitizing solution prior to packaging. Rinse fruit with potable water only prior to packaging.

NSF Category Code 3D Substances for washing fruits and vegetables

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

### Hard Nonporous Surfaces

To disinfect hard nonporous surfaces first clean surface by removing gross filth (loose dirt debris food materials etc ) Prepare a solution of 3600 ppm available chlorine solution Thoroughly wet surface with the solution and allow it to remain in contact with the surface for 5 minutes Rinse with clean water and dry

**TO SANITIZE DIAPER PAILS** Preclean diaper pails with a cleaning product prior to sanitization. Rinse with water and drain. Pour in 2700 ppm available chlorine solution. Let stand [at least] 5 minutes. Rinse and air dry.

## Use Sites

This product can be used on hard nonporous surfaces in commercial institutional hospital and premises (including kitchens bathrooms nurseries sick rooms laundry rooms) eating establishments pet kennels and veterinary premises

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

This product can be diluted and spray applied for convenient broad spectrum disinfection of hard nonporous surfaces in homes hospitals commercial institutional and eating establishments

### Directions for use

### Hard Nonporous Surfaces

To disinfect hard nonporous surfaces: first clean surface by removing gross filth (loose dirt, debris, food materials, etc.). Spray surface using a coarse spray with 2400 ppm available chlorine solution until thoroughly wet. Allow it to remain on the surface for 1 minute. Rinse and dry.

To ensure [sodium] hypochlorite [bleach] stability prepare solutions daily

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

This product can be diluted and spray applied for convenient broad spectrum disinfection of hard nonporous surfaces in homes hospitals commercial institutional and eating establishments

### Directions for use

### Hard Nonporous Surfaces

To disinfect hard nonporous surfaces first clean surface by removing gross filth (loose dirt debris food materials etc ) Spray surface using a coarse spray with 800 ppm available chlorine solution until thoroughly wet Allow it to remain on the surface for 2 minutes Rinse and dry

To ensure [sodium] hypochlorite [bleach] stability prepare solutions daily

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**USE CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8)  
IN SANITIZING CYCLE OF CHEMICAL SANITIZING DISHWASHING MACHINES  
[REGISTERED AS (*Insert Registered Alternate Brand Name*)]  
It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

This product is an approved sanitizing agent for use in the sanitizing cycle of chemical sanitizing dishwashing machines

**Usage Directions**

- 1 Hook up a bottle of this product to the automatic bleach dispensing system of the chemical sanitizing dishwashing machine. If the bottle is already in place, make sure that sufficient product remains in the bottle to complete the dishwashing job.
- 2 Wash tableware in the machine following the manufacturer's operating instructions.
- 3 After the washing/rinsing/sanitizing cycles are completed, remove the dishwashing rack. Let stand 2 minutes. Allow the tableware to air dry.

**Please Note** Do not sanitize silverware or pewter with this product as these metals may darken.

**Bleach Dispensing System Adjustments**

The following steps must be followed before using the new chemical sanitizing dishwashing machine, and on a regular basis thereafter:

- a Start machine and let run until the machine has begun the final rinse cycle.
- b Take a sample of the rinse water.
- c Using a special test kit, determine the part per million (ppm) of available chlorine in the sample.
- d If the ppm of available chlorine is lower than the minimum or higher than the maximum level of available chlorine permitted by local public health authorities, adjust the bleach dispensing system.
- e Repeat steps a through c until a correct ppm of available chlorine is achieved.

Your equipment service representative or dishwashing detergent supplier will often make these adjustments for you.

**Correct Chlorine Concentration**

Local public health codes vary with regard to the parts per million of available chlorine permitted in the final rinse water of chemical sanitizing dishwashing machines. The minimum level is 50 ppm of available chlorine with a maximum level of 200 ppm, although some states require 100 ppm minimum level. Check with your local public health department on the applicable regulations for your area.

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8)  
PLANT PARASITIC NEMATODES AND PLANT DISEASE-CAUSING FUNGI QUARANTINE USE DIRECTIONS  
[REGISTERED AS (*Insert Registered Alternate Brand Name*)]  
It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

**Crop/Site/Commodity**

- 1 Walks, benches, tools, plant containers in nurseries and other quarantine areas.
- 2 Farm equipment and machinery.
- 3 Laboratory work areas, equipment and specimens.
- 4 Deciduous fruit tree nursery stock (dormant).

**Target Pest/Problem**

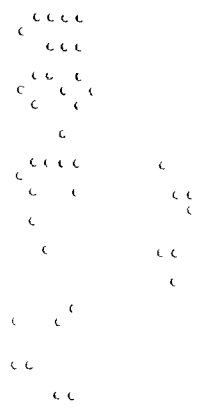
Plant parasitic nematodes, plant disease-causing fungi, and for general surface disinfection.

**Dosage**

See dilution rate.

**Dilution Rate**

Six parts water with one part this product (equals approximately 0.85% active ingredient).





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**Laboratory work areas, equipment and specimens** Prepare a solution of five or six parts water to one part product. Scrub areas and implements thoroughly, then wipe or allow to dry naturally. It is advisable that workers doing the treatment wear waterproof gloves. Small tools or implements and other items covered above may be immersed for five to ten minutes in the solution instead of scrubbing manually. Wipe off plant tissue or soak tissue in the solution.

**Deciduous Fruit Tree Nursery Stock**

Five or six parts water with one part product (equals approximately 0.85% to 1.0% active ingredient)

**Method of Application**

Drench and dip method

**Deciduous Fruit Tree Nursery Stock**

- 1 Thoroughly clean all soil from roots
- 2 Dip entire tree root system in solution for 30 to 45 seconds
- 3 Immediately rinse tree root system with clean water upon removal from dip solution

**Frequency/Timing of Application**

As needed

**Deciduous Fruit Tree Nursery Stock**

One application at harvest (tree digging period)

**Field Reentry After Application**

Not applicable

**Preharvest Interval**

Not applicable

**Other Requirements**

Do not apply through any type of irrigation system

**Deciduous Fruit Tree Nursery Stock**

Workers required to wear eye protection and waterproof gloves

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8)**  
**KARNAL BUNT QUARANTINE TREATMENT USE DIRECTIONS**  
**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

**Crop/Site/Commodity**

Tools, conveyances, mechanized farm equipment, seed conditioning or milling equipment, soil moving equipment, or grain elevators and structures used for storing and handling grain

**Target Pest/Problem**

Karnal bunt (*Tilletia indica*)

**Dosage**

See dilution rate

**Dilution Rate**

Mix 1 part this product to 3 parts water (equals approximately 1.5% active ingredient)

**Method of Application**

Before treating, remove all soil and plant debris. The dilute solution of sodium hypochlorite will be used to wet the point of runoff surfaces potentially exposed to the pathogen. Saturate any soil removed by the treatment with the solution. It is recommended that the equipment or site be thoroughly washed down with clean water after 15 minutes to minimize corrosion.

**Crop/Site/Commodity**

Wheat and triticale germplasm for research or seed increase use. Commodities may not be used for food, feed or animal uses.

**Target Pest/Problem**

Karnal bunt (*Tilletia indica*)

#### Dosage

See dilution rate

#### Dilution Rate

Mix 1 part this product to 3 parts water (equals approximately 1 5% active ingredient) with 2mL/L Tween added

#### Method of Application

Treat seed with the dilute solution and agitate for 10 minutes at room temperature Follow seed treatment by a 15 minute rinse with clean running water then drying of the seed

#### Additional Restrictions User Precautions and Requirements

Be sure treated surfaces are dry before handling Protective impervious gloves and safety goggles should be worn when mixing this disinfectant Protective impervious gloves should be worn while handling or using the dilute mixture Do not ingest product Do not breathe vapor or mist Do not get in eyes on skin or on clothing Store away from flammable materials Keep containers tightly closed Wash thoroughly after handling Use only with adequate ventilation

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8)  
FOR CONTROLLING THE SPREAD OF *PHYTOPHTHORA RAMORUM* [CAUSE OF SUDDEN OAK DEATH] IN FORESTS  
[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

When used as directed this product is effective in controlling the spread of the invasive pathogen *Phytophthora ramorum* in forests *P ramorum* causes a fatal canker disease of several tree species and damages many other plant species

Water is commonly drafted from streams and fire ponds within forested areas to use in dust abatement on forest roads equipment cleaning and fire suppression The use of infested water sources can spread *P ramorum* to uninfested areas Treating water prior to use helps control the spread of this pathogen

**Directions for Use** Add 1 gallon of this product to 1000 gallons (~50 ppm available chlorine) of drafted water Prepare the mixture at least 5 minutes prior to application for dust abatement fire suppression and cleaning vehicles and logging road building and maintenance equipment

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR EMERGENCY DISINFECTION AFTER MAIN BREAKS  
[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

#### Mains

Before assembly of the repaired section flush out mud and soil Permit water flow of at least 2 5 feet per minute to continue under pressure while injecting this product by means of a hypochlorinator Stop water flow when a chlorine residual test of 50 ppm is obtained at the low pressure end of the new main section after a 24 hour retention time When chlorination is completed the system must be flushed free of all heavily chlorinated water

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR DISINFECTION OF DRINKING WATER (POTABLE)  
(Public Systems)**

**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

#### Public System

Mix a ratio of this product to water to produce a 10 ppm available chlorine by weight Begin feeding this solution with a hypochlorinator until a free available chlorine residual of at least 0 2 ppm and no more than 0 6 ppm is attained throughout the distribution system Check water frequently with a chlorine test kit Bacteriological sampling must be conducted at a frequency no less than that prescribed by the National Interim Primary Drinking Water Regulations Contact your local Health Department for further details

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR EMERGENCY DISINFECTION AFTER DROUGHTS**  
**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

**A Supplementary Water Supplies**

Gravity or mechanical hypochlorite feeders should be set up on a supplementary line to dose the water to a minimum chlorine residual of 0.2 ppm after a 20 minute contact time. Use a chlorine test kit.

**B Water shipped in By Tanks Tank Cars, Trucks etc**

Thoroughly clean all containers and equipment. Spray a 500 ppm available chlorine solution and rinse with potable water after 5 minutes. During the filling of the containers, dose with sufficient amounts of this product to provide at least a 0.22 ppm chlorine residual. Use a chlorine test kit.

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR EMERGENCY DISINFECTION AFTER FIRES**  
**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

**Cross Connections or Emergency Connections**

Hypochlorination or gravity feed equipment should be set up near the intake of the untreated water supply. Apply sufficient product to give a chlorine residual of at least 0.1 to 0.2 ppm at the point where the untreated supply enters the regular distribution system. Use a chlorine test kit.

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR EMERGENCY DISINFECTION AFTER FLOODS**  
**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

**Wells**

Thoroughly flush contaminated casing with a 500 ppm available chlorine solution. Backwash the well to increase yield and reduce turbidity, adding sufficient chlorinating solution to the backwash to produce a 10 ppm available chlorine residual, as determined by a chlorine test kit. After the turbidity has been reduced and the casing has been treated, add sufficient chlorinating solution to produce a 50 ppm available chlorine residual. Agitate the well water for several hours and take a representative water sample. Re-treat well if water samples are biologically unacceptable.

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR ASPHALT OR WOOD ROOFS AND SIDINGS**  
**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

To control fungus and mildew, first remove all physical soil by brushing and hosing with clean water. Apply a 5000 ppm available chlorine solution by brushing or spraying roof or siding. After 30 minutes, rinse by hosing with clean water.

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR SPAS, HOT TUBS, IMMERSION TANKS**  
**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

**A Spas/Hot Tubs** Using a dilution chart or formula, calculate an approximate amount of product per 1000 gallons of water to obtain a free available chlorine concentration of 5 ppm, as determined by a suitable chlorine test kit. Adjust and maintain pool water pH to between 7.2 and 7.8. Some oils, lotions, fragrances, cleansers, etc., may cause foaming or cloudy water as well as reduce the efficiency of the product.

- 1 Maintaining the Water** To maintain the water, apply the product solution over the surface to maintain a chlorine concentration of 5 ppm.
- 2 After Each Use** Shock treat to control odor and algae, using the product at a rate of 1 3/4 cups to 500 gallons of water.
- 3 Periods of Disuse** During periods of disuse, add product daily to maintain a 3 ppm chlorine concentration.
- 4 Do not re-enter into treated spas/hot tubs when available chlorine concentration is above 5 ppm due to risk of bodily harm.**

- B HUBBARD AND IMMERSIONS TANKS** *(Not approved for use in the State of California)* Before patient use add product to obtain a chlorine residual of 25 ppm as determined by a suitable test kit Adjust and maintain the water pH to between 7.2 and 7.6 After each use drain the tank Add 10 ounces of product to a bucket of water and circulate this solution through the agitator of the tank for 15 minutes and then rinse out the solution Clean tank thoroughly and dry with clean cloths
- C HYDROTHERAPY TANKS** Add product to the water to obtain a chlorine residual of 1 ppm as determined by a suitable chlorine test kit Pool should not be entered until the chlorine residual is below 3 ppm Adjust and maintain the water pH to between 7.2 and 7.6 Operate pool filter continuously Drain pool weekly and clean before refilling

## CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR WATER DISINFECTION [REGISTERED AS *(Insert Registered Alternate Brand Name)*]

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

### Individual Systems

- 1 DUG WELLS** Upon completion of the casing (lining) wash the interior of the casing (lining) with a 100 ppm available chlorine solution using a stiff brush After covering the well pour the sanitizing solution into the well through both the pipesleeve opening and the pipeline Wash the exterior of the pump cylinder also with the sanitizing solution Start pump water until strong odor of chlorine in water is noted Stop pump and wait at least 24 hours After 24 hours flush well until all traces of chlorine have been removed from the water Consult your local Health Department for further details

### Individual Water Systems

- 1 DRILLED DRIVEN AND BORED WELLS** Run pump until water is as free from turbidity as possible Pour a 100 ppm available chlorine sanitizing solution into the well Add 5 to 10 gallons of clean chlorinated water to the well in order to force the sanitizer into the rock formation Wash the exterior of pump cylinder with the sanitizer Drop pipeline into well start pump and pump water until strong odor of chlorine in water is noted Stop pump and wait at least 24 hours After 24 hours flush well until all traces of chlorine have been removed from the water Deep wells with high water levels may necessitate the use of special methods for introduction of the sanitizer into the well Mix well [(2 drops to 1 quart)] Consult your local Health Department for further details
- 2 FLOWING ARTESIAN WELLS** Artesian wells generally do not require disinfection If analysis indicates persistent contamination the well should be disinfected Consult your local Health Department for further details

### Emergency Disinfection

When boiling of water for 1 minute is not practical water can be made potable by using this product **Prior** to addition of the sanitizer remove all suspended material by filtration or by allowing it to settle to the bottom Decant the **clarified** contaminated water to a clean container and add 8 drops of this product to 1 gallon of water [(2 drops to 1 quart)] or 1 teaspoon or 1/2 capful to 10 gallons of water Allow the treated water to stand for 30 minutes Properly treated water **should** have a slight chlorine odor If not repeat dosage and allow the **water** to stand an additional 15 minutes The treated water can then be made palatable by pouring it between clean containers for several times

For cloudy water use 16 drops of this product to 1 gallon of water [(4 drops to 1 quart)] or 2 teaspoons or 1 capful to 10 gallons of water If no chlorine odor is apparent after 30 minutes repeat dosage and wait an additional 15 minutes

## CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8) FOR [REGISTERED AS *(Insert Registered Alternate Brand Name)*]

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

### CROP/SITE ASPARAGUS SEED TREATMENT

#### Target Pest/Problem

To aid in the prevention of asparagus root rot (*Fusarium oxysporium* and *F. asparagi*)

#### Dosage

5000 ppm available chlorine solution

#### Dilution or Application Rate

Use 1 gallon of solution per pound of seed

#### Method of Application

Wash seed in solution for 40 minutes providing continuous agitation After washing seed spread and air dry

#### Frequency/Timing of Applications

1 application

#### Preharvest Interval

Preplant treatment



Other Requirements

Do not use treated seeds for food or feed. Allow to dry before storing, planting, or treating with other chemicals. Prepare fresh solution for each batch of seed.

**CROP/SITE PEPPER SEED TREATMENT**

Target Pest/Problem

To aid in the prevention of bacterial spot (*Xanthomonas vesicatoria*)

Dosage

10 000 ppm available chlorine solution

Dilution or Application Rate

Use 1 gallon of solution per pound of seed

Method of Application

Wash seed in solution for 40 minutes, providing continuous agitation. After washing seed, spread to air dry.

Frequency/Timing of Application

1 application

Preharvest Interval

Preplant treatment

Other Requirements

Do not use treated seed for food or feed. Allow to dry before storing, planting, or treating with other chemicals. Prepare fresh solution for each batch of seed.

**CROP/SITE TOMATO SEED TREATMENT**

Target Pest/Problem

To aid in the control of bacterial canker (*Corynebacterium michiganense*) and tobacco mosaic virus (TMV)

Dosage

10 000 ppm available chlorine solution

Dilution or Application Rate

Use 1 gallon solution per pound of seed

Method of Application

Wash seed in solution for 40 minutes, providing continuous agitation. After washing seed, spread to air dry.

Frequency/Timing of Application

1 application

Preharvest Interval

Preplant treatment

Other Requirements

Do not use treated seed for food or feed. Allow to dry before storing, planting, or treating with other chemicals. Prepare fresh solution for each batch of seed.

**CROP/SITE RICE SEED TREATMENT**

Target Pest/Problem

To aid in surface sterilization of rice seed for prevention of bakanae disease *Fusarium fujikuroi* [syn *F. moniliforme*] or *Gibberella fujikuroi*

Dosage

3000 ppm available chlorine solution

Dilution or Application Rate

5 gallons of solution per 95 gallons water

Method of Application

Using a thoroughly pre-mixed solution, soak seed for two hours, then drain solution and replace with fresh water. Continue seed soaking and draining as usual. Do not apply undiluted product directly to seed.

Dosage

1500 ppm available chlorine solution

Dilution or Application Rate

2.5 gallons solution per 97.5 gallons of water

Method of Application

Using a thoroughly pre-mixed solution, soak and drain seed as usual (no rinse required). Do not apply undiluted product directly to seed.

Frequency/Timing of Applications

1 application during preplant soaking of seed

Pre-harvest Interval

Preplant treatment

Other Requirements

Do not use treated seeds for food or feed. Prepare fresh solution for each batch of seed.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear coveralls worn over long-sleeved shirt and long pants, chemical-resistant footwear, chemical-resistant gloves made of any waterproof material, rubber boots plus socks and protective eyewear.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENGINEERING CONTROLS STATEMENTS**

When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the worker protection standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS. **IMPORTANT:** When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for applicators and other handlers, and have such PPE immediately available for use in an emergency, such as a spill or equipment break down.]

THIS LABEL MUST BE IN POSSESSION OF THE USER

REFER TO THE MAIN LABEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**USER SAFETY RECOMMENDATIONS**

**USERS SHOULD**

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the worker protection standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the worker protection standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the worker protection standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls worn over long-sleeved shirt and long pants, chemical-resistant footwear, chemical-resistant gloves made of any waterproof material, rubber boots plus socks, and protective eyewear.

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8)  
FOR PORT ORFORD CEDAR ROOT DISEASE (*Phytophthora lateralis*) TREATMENT USE  
[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

When used as directed this product is effective in controlling the spread of the fatal fungus *Phytophthora lateralis* [Port Orford Cedar Root Disease] in areas of California and Oregon where Port Orford Cedar (*Chamaecyparis lawsoniana*) grows

Water is commonly drafted from streams and fire ponds within forested areas to use in dust abatement on forest roads equipment cleaning and for fire suppression The water source can spread the root disease fungus to uninfested areas Treating water prior to use helps control the spread of the fungus

**Directions for Use** Add 1 gallon of this product to 1000 gallons (~50 ppm available chlorine) of drafted water Prepare the mixture at least 5 minutes prior to application dust abatement fire suppression and cleaning trucks and logging road building and maintenance equipment

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**CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8)  
SOUTHERN SEA OAT SEEDS (*UNIOLA PANICULATA*)  
[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

**CROP/SITE TREATMENT**

**Crop/Site/Commodity**

**Southern sea oat seeds (*Uniola Paniculata*)**

**Target Pest/Problem**

Plant disease causing bacteria and fungi

**Dilution of Product**

1 part product to 1 28 parts water (27 000 ppm)

**Method of Application**

Soak seeds in solution for 15 minutes rinse with tap water and allow to dry at 21°C (70°F) for 30 minutes Store in cool dry location prior to germination

**Frequency/Timing of Application**

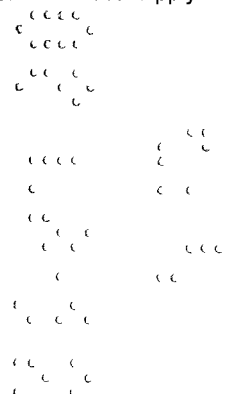
Treat seeds prior to germination

**Precautions**

As sodium hypochlorite is corrosive to many metals chains and other machine parts should be either plastic or plastic coated and should be rinsed with clear water after use of product Do not mix full strength product or treatment solution with any other agricultural chemical ammonia or acid Avoid prolonged contact of product with skin Do not ingest product or breathe vapors Keep containers tightly closed Use only with adequate ventilation Wear safety glasses If full strength or diluted product is splashed in the eyes flush with water Wash thoroughly after handling

**NOTE**

**DO NOT USE TREATED SEED FOR FOOD OR FEED** Use bleach treatment only on crops and for the purposes recommended Apply only as specified above



40/40

## CPPC ULTRA BLEACH 2 (EPA Reg No 67619-8)

### DILUTION TABLE

**[REGISTERED AS (*Insert Registered Alternate Brand Name*)]**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling**

To obtain a solution with an approximate available chlorine level (parts per million) thoroughly mix the indicated amounts of this product and water. Chlorine test strips should be used to adjust to the desired available chlorine level. Always test to ensure efficacy.

Approximate ppm Available Chlorine	Volume of this product	Volume of Water
10 000	2 pints	9 1/2 pints
5 000	3 oz	1 quart
	1 1/2 cups	1 gallon
	7 1/2 cups	5 gallons
3 000	180 oz	28 gallons
	5 gallons	95 gallons
3 600	1 cup	1 gallon
2 700	1 part	21 parts
	1 1/2 Tbsp	1 pint
	3 Tbsp	1 quart
	3/4 cup	1 gallon
	1 1/2 cups	2 gallons
	3 cups	4 gallons
2 400	1 part	23 parts
	4 tsp	1 pint
	2 2/3 Tbsp	1 quart
	2/3 cup	1 gallon
	1 1/3 cups	2 gallons
	2 cups	3 gallons
	3 1/3 cups	5 gallons
1 600	7 Tbsp	1 gallon
	7 oz	2 gallons
1 500	2 1/2 gallons	97 1/2 gallons
1 100	1 1/3 cups	5 gallons
800	10 tsp	1 gallon
700	3 Tbsp	1 gallon
500	13 tsp	2 gallons
400	5 tsp	1 gallon

Approximate ppm Available Chlorine	Volume of this product	Volume of Water
300	2 tsp	1/2 gallon
200	1 Tbsp	1 gallon
	2 1/2 oz	6 gallons
	5 oz	12 gallons
	1 quart 18 oz	100 gallons
80	1/4 tsp	1 quart
	1 tsp	1 gallon
	1 Tbsp	3 gallons
70	1 1/2 oz	10 gallons
50	16 drops	1 quart
	3/4 tsp	1 gallon
	1/2 oz	4 1/2 gallons
	2 1/2 Tbsp	10 gallons
25	1 tsp	3 gallons
	2 1/2 tsp	7 1/2 gallons
	5 tsp	15 gallons
10	16 drops	1 gallon
	3/4 tsp	5 gallons
	1 1/2 tsp	10 gallons
5	8 drops	1 gallon
	3/4 tsp	10 gallons

#### Table of Liquid Measures

1 drop = 0.0017 oz

1 Tbsp = 3 tsp

1 ounce = 2 Tbsp

1 cup = 8 oz

1 pint = 2 cups = 16 oz

1 quart = 4 cups = 2 pints = 32 oz

1 gallon = 4 quarts = 8 pints = 16 cups = 128 oz

