

5813-72

09/14/2000

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO. 5813-72	DATE OF ISSUANCE SEP 14 2000
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Ultra Clorox Bleach Formula G	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

The Clorox Company
 c/o PS & RC
 P. O. Box 493
 Pleasanton, Ca 94566-0803

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others. This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) or 4(a) when the Agency requires all registrants of similiar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 5813-72" to your label before you release the product for shipment.
 - b. On page 2, delete the phrase "The product is unbeatable." Revise "Kills Germs" to read "Kills many germs" and "Kills Bacteria" to read "Kills many bacteria."
 - c. Delete the claim, "Hand Sanitizing". This claim is regulated by FDA.
 - d. On page 11, at the bottom of the page, delete the word "powerful". On page 15, at the top of the panel, delete the phrase "the spread of infectious disease" and revise to read "results in the hazards of contaminated surfaces."
3. Submit one copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

(1 of 2 pages)

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL: *[Signature]* DATE: _____

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Robert S. Brennis
Product Manager (32)
Regulatory Management Branch II
Antimicrobial Division (7510C)

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Active Ingredient:
Sodium Hypochlorite 6.0%
Inert Ingredients 94.0%
[Total 100.0%]



KEEP OUT OF REACH OF CHILDREN
DANGER: CORROSIVE
HARMFUL IF SWALLOWED

FIRST AID: IF IN EYES: rinse with plenty of water for 15 minutes. Get prompt medical attention.
IF IN CONTACT WITH SKIN: wash skin thoroughly with water.
See back panel for additional precautionary statements.

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. Protect eyes when handling. For prolonged use, wear gloves. Wash after contact with product. Avoid breathing vapors and use only in a well ventilated area.

FIRST AID -or- STATEMENT OF PRACTICAL TREATMENT: **IF IN EYES:** rinse with plenty of water for 15 minutes. Get prompt medical attention. **IF SWALLOWED:** drink large amounts of water. **DO NOT** induce vomiting. Call a physician or poison control center immediately. **IF IN CONTACT WITH SKIN:** wash skin thoroughly with water.

PHYSICAL OR CHEMICAL HAZARDS: Product contains a strong oxidizer. Always flush drains before and after use. Do not use or mix with other household 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 institutional use only:

ENVIRONMENTAL HAZARDS: 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.

STORAGE AND DISPOSAL: 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. Small quantities of spilled or unusable product should be diluted with water before disposal in a sanitary sewer. Do not reuse empty container, but rinse and place in trash or recycle where facilities accept colored HDPE bottles. Do not contaminate water, food, or feed by storage, disposal or use of this product. Store away from children. Reclose cap tightly after each use.

Patent Des. 264,308 (for 48, 96 and 180 ounce bottles only)
Bottle shape is a registered trademark of the Clorox Company
Questions or Comments?
Call Toll Free (888) 797-7925 -or- (800) 227-1860

EPA Reg. No. 5813-72
EPA Est. No. 5813-

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Oakland, CA 94612
Made in U.S.A. ACCEPTED
www.clorox.com



EPA Est. No. 5813-
CA-2
CA-3
CA-4
IL-1
GA-1
IL-1
MD-2
OH-1
PR-1
TX-1
Batch Code identifies manufacturing location.
R0474-1

SATISFACTION GUARANTEED

Satisfaction Guaranteed! At Clorox, we have prided ourselves in making consistent quality bleach for over 75 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 or household cleaning questions.

ENVIRONMENTAL COMMITMENT

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



in EPA Letter Dated:

SEP 14 2000

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 5813-72

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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 this product and detergent with the wash water before the laundry is put in. Or for best results, dilute this product with a quart of water and add to wash 5 minutes after the wash cycle has begun. For heavily soiled loads add slightly more -or- 1 1/4 cup 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.*



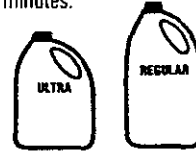
3. Add detergent with the wash water before laundry is put in.

* 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.

To disinfect and deodorize diapers in pails, soak in 1/4 cup of this product to 1 gallon of water for 5 minutes.



- | | |
|--------------------------------|--|
| 24 oz -or- .71 L [(4 uses)] | 32 oz -or- 1 quart -or- 1/4 gallon -or- 0.95 L [(4 uses)] |
| 48 oz -or- 1.42 L [(8 uses)] | 64 oz -or- 2 quarts -or- 1/2 gallon -or- 1.89 L [(8 uses)] |
| 96 oz -or- 2.84 L [(16 uses)] | 128 oz -or- 1 gallon -or- 3.79 L [(16 uses)] |
| 174 oz -or- 5.15 L [(29 uses)] | 192 oz -or- 1.5 gallon -or- 5.68 L [(24 uses)] |
| 348 oz -or- 10.3 L [(58 uses)] | 384 oz -or- 3 gallons -or- 11.4 L [(48 uses)] |
| 360 oz -or- 10.7 L [(60 uses)] | |

GENERAL (HOUSEHOLD) CLEANING:

DISINFECTING: Kills Staphylococcus aureus (staph), Salmonella choleraesuis (salmonella), Pseudomonas aeruginosa (pseudomonas).

[HOUSEHOLD] USE DIRECTIONS:

Kitchen: Refrigerators, work surfaces, garbage disposals, freezers, sinks, appliances, plastic laminate, stoves, stovetops, countertops, (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: Bathtubs, urinals, faucets, showers, shower curtains, shower walls, shower doors, potty seats, sinks, countertops, porcelain, 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.

Outdoors: 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, pre-clean 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

DISINFECTING:

Use 1 cup of this product per gallon of water. Wash, wipe, or rinse items with water, then apply disinfecting -or- bleach solution. Let stand 10 minutes. Rinse thoroughly and air dry.

Toilet Bowls and/or Bidets: Flush toilet/bidet. Pour 1 1/4 cup of this product into bowl. Brush entire bowl including rim with a scrub brush or mop; let stand 10 minutes before flushing again.

Potty Seats: Empty Seat. Fill with 1 cup of this product per gallon of water. Let stand 10 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 10 minutes. Rinse with clean water. (Let dry.)



SANITIZING:

Food Contact Surfaces: refrigerators, freezers, plastic cutting boards, stainless cutlery, dishes, glassware, counter tops, pots and pans, stainless utensils - Use approximately 1 tablespoon of this product per gallon of water to prepare a 200 ppm available chlorine solution; use chlorine test strips to determine exact available chlorine concentration. Wash, wipe, or rinse items with detergent and water, then apply sanitizing -or- bleach solution. Let stand 2 minutes. Air dry.

Wooden cutting boards: Use approximately three tablespoons of this product per gallon of water to prepare a 600 ppm available chlorine solution; use chlorine test strips to determine exact available chlorine concentration. Wash, wipe, or rinse items with detergent and water, then apply sanitizing -or- bleach solution. Let stand 2 minutes. Rinse all surfaces with a solution of 1 tablespoon of this product per gallon of water. Do not rinse or soak equipment overnight.

Hand Sanitization: Use approximately 1/2 ounce of this product per 4 gallons of water to prepare a 50 ppm available chlorine solution; use chlorine test strips to determine exact available chlorine concentration. Wash, then rinse hands. Rinse thoroughly with solution.

DO NOT USE ON STEEL, ALUMINUM, SILVER OR CHIPPED ENAMEL.

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

ACCEPTED WITH COMMENTS
in EPA Letter Dated:

R0474-1

SEP 14 2000

for the Federal Insecticide,
Fungicide and Rodenticide Act as
required for the pesticide
under LPA Reg. No. 5813-72

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HOUSEHOLD HINT
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 10 minutes in a solution of 1 cup of this product to 1 gallon of water, then rinse.



HOUSEHOLD HINT
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.



HOUSEHOLD HINT
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 and rinse. Then wipe with a solution of 1 cup of this product per gallon of water. Let solution stand 10 minutes before rinsing thoroughly.



HOUSEHOLD HINT
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 this product with 2 gallons of water and scatter over surface of empty pool. Fill remainder of pool with water. Empty small pools daily.



HOUSEHOLD HINT
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] 10 minutes; then rinse thoroughly and wipe dry. Repeat, if necessary, on heavily soiled surfaces.



HOUSEHOLD HINT
Removing Patio Moss and Mildew Stains
 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 1 cup of this product to 1 gallon of water. Reapply the solution as needed to keep the area wet for [at least] 10 minutes. Brush as needed to remove moss and then rinse thoroughly. [Do not use on painted wood.]



HOUSEHOLD HINT
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 1 cup of this product per gallon of water over the inside of the can. Let the solution stand 10 minutes before rinsing.



HOUSEHOLD HINT
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 1 gallon water. Let stand 5 minutes before rinsing.



HOUSEHOLD HINT
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 1 cup of this product. Soak kitchen cloths in solution for [at least] 10 minutes, then rinse sink and cloths. Allow to air dry.



HOUSEHOLD HINT
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 1 cup of this product per gallon of soapy water. Let stand 10 minutes. Rinse and then air dry interior surfaces a few minutes before replacing food.



HOUSEHOLD HINT
Sanitizing Baby Items
 Baby bottles, nipples and dishes can be easily sanitized using this product. Soak washed items for 2 minutes in a solution of 1 tablespoon of this product per gallon of water. Pour solution through nipples; then drain dry.



HOUSEHOLD HINT
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 1/4 cup powdered chelated iron (available from local nurseries).



HOUSEHOLD HINT
Removing Exterior Mold
 Mold [growing] on washable and colorfast exterior surfaces of your home, like 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] 10 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.



HOUSEHOLD HINT
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 2 minutes in a solution of 1 tablespoon of this product to each gallon of water. Then drain and air dry.



HOUSEHOLD HINT
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 household 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 1 gallon of water. Let stand 10 minutes. Rinse and allow to [air] dry.



HOUSEHOLD HINT
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.



HOUSEHOLD HINT
Recharge HaloSource™ Products In Washer
 This product can maintain or recharge products containing HaloShield™ or HaloFresh™, a patented textile treatment from HaloSource™. Wash regularly in a laundry load with 3/4 cup of this product. Follow laundry use instructions.



HOUSEHOLD HINT
Recharge HaloSource™ Products In Sink
 This product can maintain or recharge products containing HaloShield™ or HaloFresh™, a patented textile treatment from HaloSource™. 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.

ACCEPTED
 with COMMENTS
 in EPA Letter Dated:

SEP 14 2000

of the Federal Insecticide,
 Fungicide and Rodenticide Act as
 amended for the pesticide
 listed under EPA Reg. No. 5813-72

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DIRECTIONS FOR USE:

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

NOTE: This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.



SERVICE BULLETIN

**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR SWIMMING POOL WATER DISINFECTION**

For a new pool or spring start-up, superchlorinate with 100 to 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. Adjust and maintain pool water pH to between 7.2 to 7.6. Adjust and maintain the alkalinity of the pool to between 50 to 100 ppm.

To maintain the pool, add manually or by a feeder device 21 oz. of this product for each 10,000 gallons of water to yield an available chlorine residual between 0.6 to 1.0 ppm by weight. 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.

Every 7 days, or as necessary, superchlorinate the pool with 100 to 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 1.0 to 3.0 ppm.

At the end of the swimming pool season or when water is to be drained from the pool, chlorine must be allowed to dissipate from treated pool water before discharge. Do not chlorinate the pool within 24 hours prior to discharge.

WINTERIZING POOLS: While water is still clear and clean, apply 6 oz. of product per 1,000 gallons, while filter is running, to obtain a 3 ppm available chlorine residual, as determined by a suitable test kit. Cover pool, prepare heater, filter and heater components for winter by following manufacturers' instructions.

**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR SPAS, HOT TUBS, IMMERSION TANKS, ETC.**

SPAS/HOT TUBS: Apply 10.5 oz. of product per 1,000 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, cleaners, etc. may cause foaming or cloudy water as well as reduce the efficiency of the product.

To maintain the water, apply 10.5 oz. of product per 1,000 gallons of water over the surface to maintain a chlorine concentration of 5 ppm.

After each use, shock treat with 16 oz. of this product per 500 gallons of water to control odor and algae.

During extended periods of disuse, add 6 oz. of product daily per 1,000 gallons of water to maintain a 3 ppm chlorine concentration.

ACCEPTED
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HUBBARD AND IMMERSION TANKS: Add 10.5 oz. of this product per 200 gallons of water before patient use 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 10.5 oz. 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.

HYDROTHERAPY TANKS: Add 2 oz. of this product per 1,000 gallons of 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.

**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR SANITIZATION OF NONPOROUS FOOD CONTACT SURFACES**

RINSE METHOD: A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 2.5 oz. of this product with 10 gallons of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing 4.5 oz. of this product with 10 gallons of water to provide approximately 216 ppm available chlorine by weight.

Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. If solution contains less than 50 ppm available chlorine, as determined by a suitable test kit, either discard the solution or add sufficient product to reestablish a 200 ppm residual. Do not rinse equipment with water after treatment and do not soak equipment overnight.

Sanitizers used in automated systems may be used for general cleaning but may not be reused for sanitizing purposes.

IMMERSION METHOD: A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 2.5 oz. of this product with 10 gallons of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing 4.5 oz. of this product with 10 gallons of water to provide approximately 200 ppm available chlorine by weight.

Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. If solution contains less than 50 ppm available chlorine, as determined by a suitable test kit, either discard the solution or add sufficient product to reestablish a 200 ppm residual. Do not rinse equipment with water after treatment.

Sanitizers used in automated systems may be used for general cleaning but may not be reused for sanitizing purposes.

FLOW/PRESSURE METHOD: Disassemble equipment and thoroughly clean after use. Assemble equipment in operating position prior to use. Prepare a volume of a 200 ppm available chlorine sanitizing solution equal to 110% of volume capacity of the equipment by mixing the product in a ratio of 4.5 oz. product with 10 gallons of water. Pump solution through the system until full flow is obtained at all extremities, the system is completely filled with the sanitizer and all air is removed from the system. Close drain valves and hold under pressure for at least 2 minutes to insure contact with all internal surfaces. Remove some cleaning solution from drain valve and test with a chlorine test kit. Repeat entire cleaning/sanitizing process if effluent contains less than 50 ppm available chlorine. Rinse system with potable water prior to use.

CLEAN-IN-PLACE METHOD: Thoroughly clean equipment after use. Prepare a volume of a 200 ppm available chlorine sanitizing solution equal to 110% of volume capacity of the equipment by mixing the product in a ratio of 4.5 oz. product with 10 gallons of water. Pump solution through the system until full flow is obtained at all extremities, the system is completely filled with the sanitizer and all air is removed from the system. Close drain valves and hold under pressure for at least 10 minutes to insure contact with all internal surfaces. Remove some cleaning solution from drain valve and test with a chlorine test kit. Repeat entire cleaning/sanitizing process if effluent contains less than 50 ppm available chlorine. Rinse system with potable water prior to use.

SPRAY/FOG METHOD: Preclean all surfaces after use. Use a 200 ppm available chlorine solution to control bacteria, mold or fungi and a 600 ppm solution to control bacteriophage. Prepare a 200 ppm sanitizing solution of sufficient size by thoroughly mixing the product in a ratio of 4.5 oz. product with 10 gallons of water. Prepare a 600 ppm solution by thoroughly mixing the product in a ratio of 13 oz. product with 10 gallons of water. Use spray or fogging equipment which can resist hypochlorite solutions. Always empty and rinse spray/fog equipment with potable water after use. Thoroughly spray or fog all surfaces until wet, allowing excess sanitizer to drain. Vacate area for at last 2 hours. Prior to using equipment, rinse all surfaces treated with a 600 ppm solution with a 200 ppm solution.

RECEIVED
WITH COMMENTS
in EPA Letter Dated:

R0474-1

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Fungicide and Rodenticide Act as
amended for the pesticide
registered under EPA Reg. No. 5813-72

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**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR SANITIZATION OF POROUS FOOD CONTACT SURFACES**

RINSE METHOD: Prepare a sanitizing solution by thoroughly mixing 13 oz. of this product with 10 gallons of water to provide approximately 600 ppm available chlorine by weight. Clean surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. Rinse equipment with water after treatment and do not soak equipment overnight.

IMMERSION METHOD: Prepare a sanitizing solution by thoroughly mixing, in an immersion tank, 13 oz. of this product with 10 gallons of water to provide approximately 600 ppm available chlorine by weight. Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. Rinse equipment with water after treatment.

SPRAY/FOG METHOD: Preclean all surfaces after use. Prepare a 600 ppm available chlorine sanitizing solution of sufficient size by thoroughly mixing the product in a ratio of 13 oz. product with 10 gallons of water. Use spray or fogging equipment which can resist hypochlorite solutions. Always empty and rinse spray/fog equipment with potable water after use. Thoroughly spray or fog all surfaces until wet, allowing excess sanitizer to drain. Vacate area for at least 2 hours. Prior to using equipment, rinse all surfaces with a 200 ppm available chlorine solution. Prepare a 200 ppm sanitizing solution by thoroughly mixing 4.5 oz. of this product with 10 gallons of water.

**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR SANITIZATION OF NONPOROUS NON-FOOD CONTACT SURFACES**

RINSE METHOD: Prepare a sanitizing solution by thoroughly mixing 4.5 oz. of this product with 10 gallons of water to provide approximately 200 ppm available chlorine by weight. Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. Do not rinse equipment with water after treatment and do not soak equipment overnight.

IMMERSION METHOD: Prepare a sanitizing solution by thoroughly mixing, in an immersion tank, 4.5 oz. of this product with 10 gallons of water to provide approximately 200 ppm available chlorine by weight. Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. Do not rinse equipment with water after treatment.

SPRAY/FOG METHOD: Preclean all surfaces after use. Prepare a 200 ppm available chlorine sanitizing solution of sufficient size by thoroughly mixing the product in a ratio of 4.5 oz. product with 10 gallons of water. Use spray or fogging equipment which can resist hypochlorite solutions. Prior to using equipment, thoroughly spray or fog all surfaces until wet, allowing excess sanitizer to drain. Vacate area for at least 2 hours.

**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR DISINFECTION OF NONPOROUS NON-FOOD CONTACT SURFACES**

RINSE METHOD: Prepare a disinfecting solution by thoroughly mixing 80 oz. of this product with 10 gallons of water to provide approximately 3600 ppm available chlorine by weight. Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the disinfecting solution, maintaining contact with the solution for at least 10 minutes. Do not rinse equipment with water after treatment and do not soak equipment overnight.

IMMERSION METHOD: Prepare a disinfecting solution by thoroughly mixing, in an immersion tank, 80 oz. of this product with 10 gallons of water to provide approximately 3600 ppm available chlorine by weight. Clean equipment in the normal manner. Prior to use, immerse equipment in the disinfecting solution for at least 10 minutes and allow the sanitizer to drain. Do not rinse equipment with water after treatment.

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in EPA Letter Dated:

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for the Federal Government
U.S. Environmental Protection Agency
Office of Water
Washington, D.C. 20460
EPA Form 823 (Rev. 11/97) No. 5813-72

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**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR SANITIZATION OF POROUS NON-FOOD CONTACT SURFACES**

RINSE METHOD: Prepare a sanitizing solution by thoroughly mixing 13 oz. of this product with 10 gallons of water to provide approximately 600 ppm available chlorine by weight. Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. Do not rinse equipment with water after treatment and do not soak equipment overnight.

IMMERSION METHOD: Prepare a sanitizing solution by thoroughly mixing, in an immersion tank, 13 oz. of this product with 10 gallons of water to provide approximately 600 ppm available chlorine by weight. Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. Rinse equipment with water after treatment.

SPRAY/FOG METHOD: After cleaning, sanitize non-food contact surfaces with 600 ppm available chlorine by thoroughly mixing the product in a ratio of 13 oz. of this product with 10 gallons of water. Use spray or fogging equipment which can resist hypochlorite solutions. Always empty and rinse spray/fog equipment with potable water after use. Prior to using equipment, thoroughly spray or fog all surfaces until wet, allowing excess sanitizer to drain. Vacate area for at least 2 hours.

**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR SEWAGE AND WASTEWATER EFFLUENT TREATMENT**

The disinfection of sewage effluent must be evaluated by determining the total number of coliform bacteria and/or fecal coliform bacteria, as determined by the Most Probable Number (MPN) procedure, of the chlorinated effluent has been reduced to or below the maximum permitted by the controlling regulatory jurisdiction.

On the average, satisfactory disinfection of secondary wastewater effluent can be obtained when the chlorine residual is 0.5 ppm after 15 minutes contact. Although the chlorine residual is the critical factor in disinfection, the importance of correlating chlorine residual with bacterial kill must be emphasized. The MPN of the effluent, which is directly related to the water quality standards requirements, should be the final and primary standard and the chlorine residual should be considered an operating standard valid only to the extent verified by the coliform quality of the effluent.

The following are critical factors affecting wastewater disinfection.

Mixing: It is imperative that the product and the wastewater be instantaneously and completely flash mixed to assure reaction with every chemically active soluble and particulate component of the wastewater.

Contacting: Upon flash mixing, the flow through the system must be maintained.

Dosage/Residual Control: Successful disinfection is extremely dependent on response to fluctuating chlorine demand to maintain a predetermined, desirable chlorine level. Secondary effluent should contain 0.2 to 1.0 ppm chlorine residual after a 15 to 30 minute contact time. A reasonable average of residual chlorine is 0.5 ppm after 15 minutes contact time.

**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR SEWAGE AND WASTEWATER TREATMENT**

EFFLUENT SLIME CONTROL: Apply a 100 to 1,000 ppm available chlorine solution at a location which will allow complete mixing. Prepare this solution by mixing 21 to 211 oz. of this product with 100 gallons of water. Once control is evident, apply a 15 ppm available chlorine solution. Prepare this solution by mixing 3.5 oz. of this product with 100 gallons of water.

FILTER BEDS – SLIME CONTROL: Remove filter from service, drain to a depth of 1 ft. above filter sand and add 170 oz. of product per 20 sq. ft. evenly over the surface. Wait 30 minutes before draining water to a level that is even with the top of the filter. Wait for 4 to 6 hours before completely draining and backwashing filter.

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in EPA Letter Dated:

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Under the Federal Insecticide,
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**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR DISINFECTION OF DRINKING WATER (EMERGENCY/PUBLIC/INDIVIDUAL SYSTEMS)**

PUBLIC SYSTEMS: Mix a ratio of 2 oz. of this product to 100 gallons of water. 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.

INDIVIDUAL SYSTEMS: 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. This solution can be made by thoroughly mixing 2.5 oz. of this product into 10 gallons of water. 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 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. Consult your local Health Department for further details.

INDIVIDUAL WATER SYSTEMS: DRILLED, DRIVEN & BORED WELLS: Run pump until water is as free from turbidity as possible. Pour a 100 ppm available chlorine sanitizing solution into the well. This solution can be made by thoroughly mixing 2.5 oz of this product into 10 gallons of water. 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. Consult your local Health Department for further details.

INDIVIDUAL WATER SYSTEMS: FLOWING ARTESIAN WELLS: Artesian wells generally do not require disinfection. If analyses indicate 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)]. 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.

**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR PUBLIC WATER SYSTEMS**

RESERVOIRS – ALGAE CONTROL: Hypochlorinate streams feeding the reservoir. Suitable feeding points should be selected on each stream at least 50 yards upstream from the points of entry into the reservoir.

MAINS: Thoroughly flush section to be sanitized by discharging from hydrants. Permit a 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.

NEW TANKS, BASINS, ETC.: Remove all physical soil from surfaces. Place 43 oz. of this product for each 5 cubic feet of working capacity (500 ppm available chlorine). Fill to working capacity and allow to stand for at last 4 hours. Drain and flush with potable water and return to surface.

NEW FILTER SAND: Apply 170 oz. of this product for each 150 to 200 cubic feet of sand. The action of the product dissolving as the water passes through the bed will aid in sanitizing the new sand.

NEW WELLS: Flush the casing with a 50 ppm available chlorine solution of water containing 11 oz. of this product for each 100 gallons of water. The solution should be pumped or fed by gravity into the well after thorough mixing with agitation. The well should stand for several hours or overnight under chlorination. It may then be pumped until a representative raw water sample is obtained. Bacterial examination of the water will indicate whether further treatment is necessary.

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EXISTING EQUIPMENT: Remove equipment from service, thoroughly clean surfaces of all physical soil. Sanitize by placing 44 oz. of this product for each 5 cubic feet capacity (approximately 500 ppm available chlorine). Fill to working capacity and let stand at least 4 hours. Drain and place in service. If the previous treatment is not practical, surfaces may be sprayed with a solution containing 11 oz. of this product for each 5 gallons of water (approximately 1,000 ppm available chlorine). After drying, flush with water and return to service.

**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR EMERGENCY DISINFECTION AFTER FLOODS**

WELLS: Thoroughly flush contaminated casing with a 500 ppm available chlorine solution. Prepare this solution by mixing 10.5 oz. of this product with 10 gallons of water. 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. Retreat well if water samples are biologically unacceptable.

RESERVOIRS: In case of contamination by overflowing streams, establish hypochlorinating stations upstream of the reservoir. Chlorinate the inlet water until the entire reservoir obtains a 0.2 ppm available chlorine residual, as determined by a suitable chlorine test kit. In case of contamination from surface drainage, apply sufficient product directly to the reservoir to obtain a 0.2 ppm available chlorine residual in all parts of the reservoir.

BASINS, TANKS, FLUMES, ETC.: Thoroughly clean all equipment, then apply 42 oz. of product per 5 cu. ft. of water to obtain 500 ppm available chlorine, as determined by a suitable test kit. After 24 hours, drain, flush and return to service. If the previous method is not suitable, spray or flush the equipment with a solution containing 11 oz. of this product for each 5 gallons of water (1,000 ppm available chlorine). Allow to stand for 2 to 4 hours, flush and return to service.

FILTERS: When the sand filter needs replacement, apply 170 oz. of this product for each 150 to 200 cubic feet of sand. When the filter is severely contaminated, additional product should be distributed over the surface at the rate of 170 oz. per 20 sq. ft. Water should stand at a depth of 1 foot above the surface of the filter bed for 4 to 24 hours. When filter beds can be backwashed of mud and silt, apply 170 oz. of this product per each 50 sq. ft., allowing the water to stand at a depth of 1 foot above the filter sand. After 30 minutes, drain water to the level of the filter. After 4 to 6 hours, drain and proceed with normal backwashing.

DISTRIBUTION SYSTEM: Flush repaired or replaced section with water. Establish a hypochlorinating station and apply sufficient product until a consistent available chlorine residual of at least 10 ppm remains after a 24 hour retention time. Use a chlorine test kit.

**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR EMERGENCY DISINFECTION AFTER FIRES**

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.

**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR EMERGENCY DISINFECTION AFTER DROUGHTS**

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.

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. This solution is made by mixing 10.5 oz. of this product for each 10 gallons of water. During the filling of the containers, dose with sufficient amounts of this product to provide at least a 0.2 ppm chlorine residual. Use a chlorine test kit.

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**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR EMERGENCY DISINFECTION AFTER MAIN BREAKS**

MAINS: Before assembly of the repaired section, flush out mud and soil. Permit a 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.

**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR COOLING TOWER/EVAPORATIVE CONDENSER WATER**

SLUG FEED METHOD: Initial Dose: When system is noticeably fouled, apply 110 oz. to 215 oz. of this product per 10,000 gallons of water in the system to obtain from 5 to 10 ppm available chlorine. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 22 oz. of this product per 10,000 gallons of water in the system daily, or as needed to maintain control and keep the chlorine residual at 1 ppm. Badly fouled systems must be cleaned before treatment is begun.

INTERMITTENT FEED METHOD: Initial Dose: When system is noticeably fouled, apply 110 to 215 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine. Apply half (or 1/3, 1/4, or 1/5) of this initial dose when half (or 1/3, 1/4, or 1/5) of the water in the system has been lost by blowdown.

Subsequent Dose: When microbial control is evident, add 22 oz. of this product per 10,000 gallons of water in the system to obtain a 1 ppm residual. Apply half (or 1/3, 1/4, or 1/5) of this initial dose when half (or 1/3, 1/4, or 1/5) of the water in the system has been lost by blowdown. Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD: Initial Dose: When system is noticeably fouled, apply 110 to 215 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine.

Subsequent Dose: Maintain this treatment level by starting a continuous feed of 2 oz. of this product per 1,000 gallons of water lost by blowdown to maintain a 1 ppm residual. Badly fouled systems must be cleaned before treatment is begun.

BRIQUETTES OR TABLETS: Initially slug dose the system with 110 oz. of this product per 10,000 gallons of water in the system. Badly fouled systems must be cleaned before treatment is begun.

Subsequent Dose: When microbial control is evident, add 22 oz. of this product per 10,000 gallons of water in the system daily, or as needed to maintain control and keep the chlorine residual at 1 ppm. Badly fouled systems must be cleaned before treatment is begun.

**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR LAUNDRY SANITIZERS**

HOUSEHOLD LAUNDRY SANITIZERS

IN SOAKING SUDS: Thoroughly mix 4.5 oz. of this product to 10 gallons of wash water to provide 200 ppm available chlorine. Wait 5 minutes, then add soap or detergent. Immerse laundry for at least 11 minutes prior to starting the wash/rinse cycle.

IN WASHING SUDS: Thoroughly mix 4.5 oz. of this product to 10 gallons of wash water containing clothes to provide 200 ppm available chlorine. Wait 5 minutes, then add soap or detergent and start the wash/rinse cycle.

COMMERCIAL LAUNDRY SANITIZERS

Wet fabrics or clothes should be spun dry prior to sanitization. Thoroughly mix 4.5 oz. of this product with 10 gallons of water to yield 200 ppm available chlorine. Promptly after mixing the sanitizer, add the solution into the prewash prior to washing fabrics/clothes in the regular wash cycle with a good detergent. Test the level of available chlorine, if solution has been allowed to stand. Add more of this product if the available chlorine level has dropped below 200 ppm.

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**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR FARM PREMISES**

Remove all animals, poultry and feed from premises, vehicles and enclosures. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities occupied or transversed by animals or poultry. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. To disinfect, saturate all surfaces with a solution of at least 1,000 ppm available chlorine for a period of 10 minutes. A 1,000 ppm solution can be made by thoroughly mixing 22 oz. of this product with 10 gallons of water. Immerse all halters, ropes and other types of equipment used in handling and restraining animals or poultry, as well as the cleaned forks, shovels and scrapers used for removing litter and manure. Ventilate buildings, cars, boats and other closed spaces. Do not house livestock or poultry or employ equipment until chlorine has been dissipated. All treated feed racks, mangers, troughs, automatic feeders, fountains and waterers must be rinsed with potable water before reuse.

**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR PULP AND PAPER MILL PROCESS WATER SYSTEMS**

SLUG FEED METHOD: Initial Dose: When system is noticeably fouled, apply 110 to 215 oz. of this product per 10,000 gallons of water in the system to obtain from 5 to 10 ppm available chlorine. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 22 oz. of this product per 10,000 gallons of water in the system daily, or as needed to maintain control and keep the chlorine residual at 1 ppm. Badly fouled systems must be cleaned before treatment is begun.

INTERMITTENT FEED METHOD: Initial Dose: When system is noticeably fouled, apply 110 to 215 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine. Apply half (or $\frac{1}{3}$, $\frac{1}{4}$, or $\frac{1}{5}$) of this initial dose when half (or $\frac{1}{3}$, $\frac{1}{4}$, or $\frac{1}{5}$) of the water in the system has been lost by blowdown.

Subsequent Dose: When microbial control is evident, add 22 oz. of this product per 10,000 gallons of water in the system to obtain a 1 ppm residual. Apply half (or $\frac{1}{3}$, $\frac{1}{4}$, or $\frac{1}{5}$) of this initial dose when half (or $\frac{1}{3}$, $\frac{1}{4}$, or $\frac{1}{5}$) of the water in the system has been lost by blowdown. Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD: Initial Dose: When system is noticeably fouled, apply 110 to 215 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine.

Subsequent Dose: Maintain this treatment level by starting a continuous feed of 2 oz. of this product per 1,000 gallons of water lost by blowdown to maintain a 1 ppm residual. Badly fouled systems must be cleaned before treatment is begun.

BRIQUETTES OR TABLETS: Initially slug dose the system with 110 oz. of this product per 10,000 gallons of water in the system. Badly fouled systems must be cleaned before treatment is begun.

Subsequent Dose: When microbial control is evident, add 22 oz. of this product per 10,000 gallons of water in the system daily, or as needed to maintain control and keep the chlorine residual at 1 ppm. Badly fouled systems must be cleaned before treatment is begun.

**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR AGRICULTURAL USES**

POST-HARVEST PROTECTION: Potatoes can be sanitized after cleaning and prior to storage by spraying with a sanitizing solution at a level of 1 gallon of sanitizing solution per ton of potatoes. Thoroughly mix 2.5 oz. of this product to 2 gallons of water to obtain 500 ppm available chlorine.

Disinfect leafcutting bee cells and bee boards by immersion in a solution containing 1 ppm available chlorine for 3 minutes. Allow cells to drain for 2 minutes and dry for 4 to 5 hours or until no chlorine odor can be detected. This solution is made by thoroughly mixing 1.5 tsp. of this product to 100 gallons of water. The bee domicile is disinfected by spraying with a 0.1 ppm solution until all surfaces are thoroughly wet. Allow the domicile to dry until all chlorine odor has dissipated.

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By the Federal Insecticide,
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FOOD EGG SANITIZATION: Thoroughly clean all eggs. Thoroughly mix 4.5 oz. of this product with 10 gallons of warm water to produce a 200 ppm available chlorine solution. The sanitizer temperature should not exceed 130° F. Spray the warm sanitizer so that the eggs are thoroughly wetted. Allow the eggs to thoroughly dry before casing or breaking. Do not apply a potable water rinse. The solution should not be reused to sanitize eggs.

FRUIT AND VEGETABLE WASHING: Thoroughly clean all fruits and vegetables in a wash tank. Thoroughly mix 11 oz. of this product in 200 gallons of water to make 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 rinse vegetables with the sanitizing solution prior to packaging. Rinse fruit with potable water only prior to packaging.

**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR AQUACULTURAL USES**

FISH PONDS: Remove fish from ponds prior to treatment. Thoroughly mix 210 oz. of this product to 10,000 gallons of water to obtain 10 ppm available chlorine. 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 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 12,500 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 dams 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 11 oz. of this product to 10,000 gallons of water at 50° to 70° 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° F.

CONTROL OF SCAVENGERS IN FISH HATCHERY PONDS: Prepare a solution containing 200 ppm of available chlorine by mixing 4.5 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.

**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR ASPHALT OR WOOD ROOFS AND SIDINGS**

To control fungus and mildew, first remove all physical soil by brushing and hosing with clean water and apply a 5,000 ppm available chlorine solution. Mix 11.5 oz. of this product per gallon of water and brush or spray roof or siding. After 30 minutes, rinse by hosing with clean water.

**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR BOAT BOTTOMS**

To control slime on boat bottoms, sling a plastic tarp under boat, retaining enough water to cover the fouled bottom area, but not allowing water to enter enclosed area. This envelope should contain approximately 500 gallons of water for a 14 foot boat. Add 36 oz. of this product to this water to obtain a 35 ppm available chlorine concentration. Leave immersed for 8 to 12 hours. Repeat if necessary. Do not discharge the solution until the free chlorine level has dropped to 0 ppm, as determined by a swimming pool test kit.

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**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR ARTIFICIAL SAND BEACHES**

To sanitize the sand, spray a 500 ppm available chlorine solution containing 11 oz. of this product per 10 gallons of water at frequent intervals. Small areas can be sprinkled with a watering can.

**ULTRA CLOROX® BLEACH FORMULA G (EPA Reg. No. 5813-)
FOR PORT ORFORD CEDAR ROOT DISEASE (*Phytophthora lateralis*) TREATMENT USE**

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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