

5813-67

4-29-2003

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobial Division (7510C)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg. Number:

5813-67

Date of Issuance:

APR 29 2003

NOTICE OF PESTICIDE:

- Registration
- Re-registration

(under FIFRA, as amended)

Term of Issuance:

**Conditional,
supercedes prior time
limited notice set to
expire 6/1/03.**

Name of Pesticide Product:

CLOROX 409-R

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 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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:

1. You submit and/or cite all data required for registration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.

2. You submit 3 copies of a revised final printed "Master Label" which makes the exact following changes;

A. Label Page 2/5

In the section for hard porous surfaces, a symbol must be added (eg., **) after the use sites "unglazed tile", and "grout". Add this same symbol (eg., **) either before or after the claims "Kills odor causing bacteria on hard porous

Signature of Approving Official:

Marshall Swindell *DTE for*
Acting Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division (7510C)

Date:

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surfaces**", and "Kills odor causing bacteria and mildew on hard-porous surfaces**". You must always use a symbol which ties specific claims to the appropriate use sites.

B. Label Page 3/5

In the HIV section, change "Surface must remain wet..." to "Surface must remain visibly wet...".

Delete the claims "99.9% of". Specific log reductions do not apply to disinfection data.

The "Note to reader" which is not on the printed label, states "Back panel claims will be in proximity to list and do not require footnotes" is not acceptable. All claims for sanitization, disinfection, and odor control on porous surfaces must reference the specific and limited list of acceptable organisms.

Because of the complexity of this "Master label", there are many possible variations of any final production label. Note that the final production labels must not mix claims, uses and organisms that do not belong together. For example, for site-pest-claim concordance, a 30 second sanitization kill claim, must not be interpreted as applying to the organisms or use sites for a 10 minute disinfection, due to proximity placement or similar.

The registration of this product is no longer time-limited because all 24 hour residual sanitization claims have been deleted. Additional data is required for these claims as previously specified in the prior Registration Notice for this product dated 5/28/02 (set to expire 6/1/03). This revised registration notice responds to your submissions dated 1/27/03 (revised labels) and the original amendment dated 9/30/02. The submitted revised labels delete the 24 hour residual sanitization claim, revise the "First Aid" statements as per PR Notice 2001-1, and make other changes in response to the EPA letters dated 2/12/02 and 12/17/02.

A copy of the "Master Label" stamped "Accepted with comments" is attached for your records. If you have any questions concerning this letter, please contact Tony Kish at (703) 308-9443.

Sincerely,

DHE for

Marshall Swindell
Acting Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division (7510C)

Enclosure

Note to reader: Claim Placement: All claims may appear on back panel; *italicized claims* may appear on front and/or back panel. **Bold, italicized text is information for the reader and is not part of the label.** [Bracketed information is optional text.] Text separated by a diamond bullet (◆) denotes -and/or- options. Underlined text is new. Strike-through (~~text~~) means removed.

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FRONT PANEL

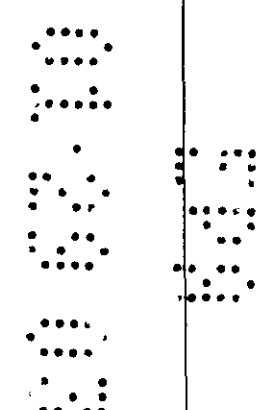
CLOROX®

409-R

**ACCEPTED
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registered under EPA Reg. No. *5813-67*



ACTIVE INGREDIENTS:

Octyl decyl dimethyl ammonium chloride	0.1890%
Dioctyl dimethyl ammonium chloride	0.0945%
Didecyl dimethyl ammonium chloride	0.0945%
Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chlorides	0.2520%
Ethanol	65.0000%
OTHER INGREDIENTS:	34.3700%
TOTAL:	100.0000%

KEEP OUT OF REACH OF CHILDREN

WARNING:

See back panel for first aid.

NET WT. _____ OZ.

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BACK PANEL

DIRECTIONS FOR USE

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

[SANITIZATION]

*Sanitizes, kills 99.9% of *Klebsiella pneumoniae*, *Staphylococcus aureus* [Staph]

To sanitize non-food contact surfaces [in 30 seconds], spray 6-10 inches from precleaned surface for 3-4 seconds or until thoroughly wet. Surface must remain wet for 30 seconds before wiping.

Front or rear panel

[Claims:]

- Kills 99.9% of bacteria*
- Kills 99.9% of bacteria frequently found on kitchen surfaces*
- Kills 99.9% of bacteria frequently found on non-food contact surfaces*
- Kills 99.9% of bacteria frequently found on non-food contact surfaces all around the house*
- Kills 99.9% of bacteria in 30 seconds*
- This product sanitizes*
- Sanitizes*
- This product kills 99.9% of bacteria*
- Kills 99.9% of bacteria*

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***[Organisms:]**

Staphylococcus aureus [Staph], *Klebsiella pneumoniae*

[Use Sites:]

Use [throughout the house] on precleaned hard, nonporous surfaces:
Homes: ◆ Garages: ◆ Basements:
Pet Areas [Cat Litter Boxes] ◆ Doorknobs ◆ Telephones ◆ Walls ◆
Floors ◆ Stereo Consoles ◆ Outside of Washers/Dryers ◆ Laundry
Rooms ◆ Closets ◆ Lamps ◆ Desks ◆ Work Benches ◆ Filing Cabinets
◆ Patio Furniture ◆ Light Switch Panels ◆ Damp Storage Areas ◆
Hard, Nonporous Furniture and/or Chairs ◆ [Cabinet] [Door] Handles
◆ Dressing Carts ◆ Storage Areas ◆ Kennels

Kitchens: ◆ Recycling Bins ◆ Garbage Cans ◆ Trash Cans ◆ Waste
Baskets ◆ Trash Compactors ◆ [Under] Sinks ◆ Drain Boards ◆
Faucets ◆ Doorknobs ◆ Walls ◆ Floors ◆ Faucet Handles ◆ Cabinets ◆
Outside of Refrigerators ◆ Outside of Appliances ◆ Outside of
Microwaves

Bathrooms: ◆ [Clothes] Hampers ◆ Exterior Toilet Surfaces ◆ Toilet
Seats ◆ Floor Around Toilets ◆ Faucets ◆ Doorknobs ◆ Bathtubs ◆
Showers ◆ Plastic Shower Curtains ◆ Walls ◆ Glazed Tiles ◆ [Shower]
Doors ◆ Floors ◆ Medicine Cabinets ◆ Countertops ◆ Toilet Handles ◆
Faucet Handles ◆ Diaper Pails ◆ Tubs

[Kills Odor Causing Bacteria and Mildew on Hard-Porous Surfaces]

To Kill Odor Causing Bacteria and Mildew on the following hard-porous surfaces, unglazed tile and grout: Spray 6-10 inches from precleaned surface for 3-4 seconds or until thoroughly wet. Surface must remain wet for 10 minutes before air drying.

Front or rear panel

[Claims:]

- Kills odor causing bacteria on hard-porous surfaces
- Kills odor causing bacteria and mildew on hard-porous surfaces

[Use Sites:]

Use only for the following hard-porous surfaces [throughout the house], unglazed tile and grout on:
Floors ◆ Walls ◆ Vanities in:
Bathrooms ◆ Kitchens ◆ Pet Areas ◆ Damp Storage Areas in:
Homes ◆ Garages ◆ Basements

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BACK PANEL CONTINUED

[DISINFECTION]

To Disinfect²: Spray 6 to 10 inches from precleaned non-food contact surface for 3-4 seconds or until thoroughly wet. Surface must remain visibly wet for 10 minutes before air drying.

- [This product] kills [viruses²] [99.9% of] [germs^{1,2,3}] [99.9% of] [bacteria²].
- [This product] kills household bacteria¹ [, viruses², and mold³]

[Specific Instructions for ¹HIV-1:]

This product kills ¹HIV-1 on precleaned hard, non-porous surfaces/objects previously soiled with blood/body fluids in health care settings 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 (¹HIV-1) (associated with AIDS).

Special Instructions for Using This Product to Clean and Decontaminate Against ¹HIV-1 on Surfaces/Objects Soiled with Blood/Body Fluids:

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.

Contact Time: Spray 6 to 10 inches from precleaned surface for 3-4 seconds until thoroughly wet. Surface must remain wet for 10 minutes before wiping or air drying.

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.

Note to reader: Front panel claims will be footnoted with reference to back panel organism list.

[Organisms:]

Kills the following household germs:

¹ **Bacteria:** Burkholderia cepacia ◆ Campylobacter jejune ◆ Corynebacterium diphtheriae ◆ Enterobacter aerogenes ◆ Enterococcus faecalis (Vancomycin resistant) ◆ Escherichia coli O157:H7 [E. coli] ◆ Klebsiella pneumoniae ◆ Listeria monocytogenes ◆ Mycobacterium smegmatis ◆ Proteus mirabilis ◆ Proteus vulgaris ◆ Pseudomonas aeruginosa [Pseudomonas] ◆ Pseudomonas putida ◆ Salmonella choleraesuis [Salmonella] ◆ Salmonella choleraesuis paratyphi B1 (Schottmuelleri) ◆ Salmonella choleraesuis serotype enteritidis ◆ Staphylococcus aureus (Methicillin & Gentamicin resistant) ◆ Serratia marcescens ◆ Shigella dysenteriae ◆ Staphylococcus aureus [Staph] ◆ Streptococcus pyogenes [Strep]

² **Viruses:** ◆ Adenovirus type 2 (Adenoid 6) ◆ Cytomegalovirus ◆ Echovirus ◆ Hepatitis A virus ◆ Herpes simplex virus type 1 ◆ Herpes simplex virus 2 ◆ Human Immunodeficiency Virus Type 1 (¹HIV-1) ◆ Influenza A/Hong Kong (Influenza) ◆ Influenza virus type B ◆ Polio virus ◆ Respiratory syncytial virus [leading cause of lower respiratory infection in children] ◆ Rhinovirus [cold virus] ◆ Rhinovirus 39 ◆ Vaccinia virus ◆ Rotavirus [leading cause of infectious diarrhea in children]

³ **Fungi:** ◆ Alternaria alternata ◆ Candida albicans ◆ Cladosporium herbarum ◆ Trichophyton mentagrophytes [Athlete's Foot Fungus]

Front or rear panel

[Claims:]

- Antimicrobial^{1,2,3}
- Bactericidal¹
- Fungicidal¹
- [This product] kills household germs throughout the kitchen^{1,2,3} -or- house -or- building on hard, nonporous surfaces plus controls mold and mildew growth³
- Leaves hard, nonporous surfaces sanitary -or- disinfected in 10 minutes^{1,2,3}
- Pseudomonacidal¹
- Streptocidal¹
- Staphylocidal¹
- Virucidal²
- Anti-bacterial^{1,2,3} [spray] [action] [formula]
- [Multi-purpose] Disinfecting^{1,2,3} [formula] [spray]
- Disinfects^{1,2,3}
- Germicidal^{1,2,3}
- [Home] [Bathroom] [Restroom] [Kitchen] [Bedroom] disinfectant^{1,2,3}

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5813-67

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BACK PANEL CONTINUED

[DEODORIZATION]

To deodorize: Spray 6-10 inches from precleaned surface for 3-4 seconds or until thoroughly wet. Surface must remain visibly wet for 10 minutes before air drying.

Front or rear panel

[Claims:]

- Eliminates -or- reduces [kitchen] odors [at their source] [such as trash can -or- recycling bin odors -or- smells] caused by bacteria
- This formulation doesn't mask odors
- Kills odor causing bacteria
- Eliminates odor causing bacteria
- *Eliminates mold and mildew odor*
- *Eliminates pet odors [such as cat litter odors] caused by bacteria or mildew*
- *[This product] eliminates odors at the source [by killing bacteria that cause [unpleasant] odors]*
- *[This product] eliminates odors at their source caused by bacteria or mildew*
- *Deodorizes -or- helps deodorize*

[Use Sites:]

Use [throughout the house] on hard, nonporous surfaces:

Homes: ◆ Garages: ◆ Basements:
Pet Areas [Cat Litter Boxes] ◆ Walls ◆ Floors ◆ Outside of Washers/Dryers ◆ Laundry Rooms ◆ Closets ◆ Desks ◆ Work Benches ◆ Patio Furniture ◆ Damp Storage Areas ◆ Hard, Nonporous Furniture and/or Chairs ◆ Dressing Carts ◆ Storage Areas ◆ Kennels

Kitchens: ◆ Recycling Bins ◆ Garbage Cans ◆ Trash Cans ◆ Waste Baskets ◆ Trash Compactors ◆ [Under] Sinks ◆ Drain Boards ◆ Walls ◆ Floors ◆ Faucet Handles ◆ Cabinets ◆ Outside of Refrigerators ◆ Outside of Appliances ◆ Outside of Microwaves

Bathrooms: ◆ [Clothes] Hampers ◆ Exterior Toilet Surfaces ◆ Toilet Seats ◆ Floor Around Toilets ◆ Bathtubs ◆ Showers ◆ Plastic Shower Curtains ◆ Walls ◆ Glazed Tiles ◆ [Shower] Doors ◆ Floors ◆ Medicine Cabinets ◆ Countertops ◆ Toilet Handles ◆ Faucet Handles ◆ Diaper Pails ◆ Tubs

[MILDEW]

To control the growth of mildew¹: Spray precleaned surface until thoroughly wet. Surface must remain visibly wet for 10 minutes before air drying. Respray product as necessary for ongoing -or- continual control [of mildew].

Front or rear panel

[Claims:]

- Controls mildew growth
- Controls the growth of mildew

[Organisms:]

¹Aspergillus niger [mildew]

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registered under EPA Reg. No.**

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[Use Sites:]

Use [throughout the house] on hard, nonporous surfaces:

Homes: ◆ Garages: ◆ Basements:
Pet Areas [Cat Litter Boxes] ◆ Walls ◆ Floors ◆ Laundry Rooms ◆ Closets ◆ Work Benches ◆ Patio Furniture ◆ Damp Storage Areas ◆ Hard, Nonporous Furniture and/or Chairs ◆ Dressing Carts ◆ Storage Areas ◆ Kennels

Kitchens: ◆ Recycling Bins ◆ Garbage Cans ◆ Trash Cans ◆ Waste Baskets ◆ Trash Compactors ◆ [Under] Sinks ◆ Drain Boards ◆ Faucets ◆ Walls ◆ Floors ◆ Cabinets

Bathrooms: ◆ [Clothes] Hampers ◆ Exterior Toilet Surfaces ◆ Toilet Seats ◆ Floor Around Toilets ◆ Faucets ◆ Bathtubs ◆ Showers ◆ Plastic Shower Curtains ◆ Walls ◆ Glazed Tiles ◆ [Shower] Doors ◆ Floors ◆ Medicine Cabinets ◆ Countertops ◆ Diaper Pails ◆ Tubs

Front or rear panel

[General Claims:]

- Avoid use on [polished] wood, painted surfaces, [vinyl], acrylic plastics
- Does not contain bleach
- For use in homes
- Has a [clean] fresh/lemon/floral scent -or- fragrance -or- smell
- Will not harm [colored] surfaces and/or [colored] fabrics [except rayon fabrics, leather, vinyl and silk]
- Will not harm most hard, nonporous surfaces
- Patented formula
- Has a [clean] [light] [crisp] [pleasant] fresh/floral/watery/fruity/airy/breezy [reminiscent of fresh laundry] fragrance -or- smell
- Bleach-free

[Environmental Text:]

[Important facts about this product:]

- This can is made from an average of 25% recycled steel (10% post-consumer)
- Encourage your local authorities to establish a program to recycle this can
- Recyclable

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BACK PANEL CONTINUED

**This product is for residential use only and is not intended for use in commercial, industrial, or institutional establishments.
This product must not result in the direct or indirect contamination of food products.**

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

WARNING: Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eye wear (safety glasses). Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. If skin contact with product occurs, wash thoroughly with soap and water, especially prior to food handling and preparation. Remove or cover aquariums and cages before use.

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 the eye. Call a poison control center or doctor for further treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Questions? Call 800-228-1860.

PHYSICAL HAZARDS: Flammable: Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130° Fahrenheit may cause bursting.

STORAGE/DISPOSAL: Store at temperatures below 130° Fahrenheit. Do not puncture or incinerate. Do not reuse empty container. Recycle empty container or discard in trash.

-or-

This container may be recycled in aerosol recycling centers. At present, there are only a few such centers in the U.S. Before offering for recycling, empty the can by using the product according to the label (DO NOT PUNCTURE!). If recycling is not available, wrap the container and discard in the trash.

-or-

Empty the can by using the product according to the label (DO NOT PUNCTURE!). Some recycling centers accept these ~~steel~~ containers. Otherwise, wrap container and discard in trash.

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Contains no phosphorus amended, for the pesticide,
Contains no CFCs or other ~~regulated~~ substances. EPA Reg. No. 5813-67
Federal Regulations Prohibit CFC Propellants in Aerosols



Questions? Comments?
Call toll-free 1-800-xxx-xxxx
Mfd. for & ©1997 The Clorox Company,
Oakland, CA 94612
EPA Reg. No. 5813-67
EPA Est. No. 11525-IL-1:10744-IL-1: 11525-RI-1
(Actual EPA Est. No. in code below.)

R0236-13.3

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