


5813-67

5-28-2002

1/6

 <p style="text-align: center;">U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Antimicrobial Division (7510C) 1200 Pennsylvania Avenue, N.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <u> X </u> Registration <u> </u> Re-registration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number: 5813-67	Date of Issuance: MAY 28 2002
	Term of Issuance: THIS THIRD EXTENSION EXPIRES JUNE 1, 2003	
	Name of Pesticide Product: CLOROX 409-R	
Name and Address of Registrant (include ZIP Code): The Clorox Company P. O. Box 493 Pleasanton, CA 94566-0803		
<p>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.</p> <p>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.</p> <p>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.</p> <p style="text-align: center;">This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that:</p> <ol style="list-style-type: none"> 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. Your submission dated 3/14/2001, containing the revised "Residual Self-Sanitizing Protocol", and the accompanying data in the four submitted efficacy studies (MRID's 45354301/-02/-03/-04), was reviewed and found acceptable on an interim basis only for the residential household market, providing the following changes 		
Signature of Approving Official: Marshall Swindell Acting Product Manager 33 Regulatory Management Branch 1 Antimicrobial Division (7510C)	Date: MAY 28 2002	

2/6

listed below are made to the protocol and label. You must submit five copies of a revised label and the efficacy data by 12/31/2002, using the current (or additional) organisms claimed for 24 hour sanitization, with the current basic formula and protocol containing these revisions. These protocol revisions are required for the residential household market. For protocol changes required for the institutional, industrial or commercial markets, see the attached review.

1. The protocol must increase the minimum wearing from the current 6 cycles (representing 24 touches) to 12 cycles (representing 48 touches), or repeat the consumer usage habit survey to better define the worse case usage and modify the wearing protocol accordingly.
2. The contact time of the final inoculum must be reduced from 10 minutes to 5 minutes. This will better equate the residual data better with the non-residual sanitizer data for non-food contact surfaces.
3. The label must indicate not to wipe or clean the treated surface if the 24-hour residual sanitizer claim is expected to be maintained.

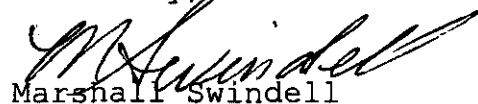
The prior Registration Notice required submission of protocol validation data from one additional laboratory by 9/15/2001, either from an outside laboratory, or another Clorox facility. This data was submitted, reviewed, and found acceptable pending submission of new data using the protocol with the revision listed above.

If significant changes, as determined by EPA, are made to the submitted "Residual Self-Sanitizing Protocol" over time, you must inform the Agency of these changes, and you may be required to submit additional efficacy data, including submitting revised protocol validation data.

A copy of the stamped accepted "Master Label" is attached for your records. Note that this label responds to the deficiencies listed in the original Registration Notice dated 4/27/2001, and is therefore considered the latest accepted label as of the date of this Registration Notice.

If you have any questions concerning this letter, please contact Tony Kish at (703) 308-9443.

Sincerely,



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

Enclosure

3/6

Note: Printed 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 optional options.

(05813-67) Clorox 409-R 1 of 1

CLOROX® 409-R

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 28 2002
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
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%
Alcyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chlorides	0.2520%
Ethanol	65.0000%
INERT INGREDIENTS:	34.3700%
TOTAL:	100.0000%

KEEP OUT OF REACH OF CHILDREN

WARNING:
See back panel for first aid.

NET WT. _____ OZ.

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.

FIRST AID: IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

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. Discard in trash.

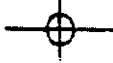
-or-
This container may be recycled in aerosol recycling centers. At present, there are only a few such centers in the U.S. Before offering for recycling, empty the can by using the product according to the label (DO NOT PUNCTURE!). If recycling is not available, wrap the container and discard in the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



Questions? Comments? Call toll-free 1-800-321-2222
Mfd for & © 1987 The Clorox Company, Oakland, CA 94612
EPA Reg. No. 5813-67
EPA Est. No. 11525-IL-110744-IL-1; 11525-RJ-1
(Actual EPA Est. No. in code below)

Contains no phosphorus
Contains no CFCs or other ozone depleting substances
Federal Regulations Prohibit CFC Propellants in Aerosols



4/6

Note: Bolded 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.

009113-67 Clorox 408-R 2 of 4

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
Thoroughly clean surfaces or objects prior to application of product. [Shake well.]

DEODORIZATION

To deodorize: Spray on surfaces as needed.

Claims:

- Eliminates odors
- Kills odor causing germs.
- Eliminates -or- reduces odors caused by germs, bacteria or mildew
- Eliminates kitchen odors [such as trash can -or- recycling bin odors -or- smells] caused by germs, bacteria or mildew
- Eliminates pet odors [such as cat litter odors] caused by germs, bacteria or mildew
- Eliminates mold and mildew odor
- [This product] eliminates odors at their source caused by germs, bacteria or mildew.
- [This product] kills the germs that cause [bad] odors.
- [This product] eliminates odors at the source [by killing 99.9% of the germs that cause [unpleasant], odors]
- [This product] deodorizes by killing the germs that cause odors.
- [This product] kills the germs that cause unpleasant odors.
- This formulation doesn't mask odors

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 28 2002

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

5-813-67

Use Sites

Use [throughout the house] on 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: ♦ [Closets] Hampers ♦ Toilets ♦ Toilet Seats ♦ Floor Around Toilets ♦ Toilet Areas ♦ Faucets ♦ Doorknobs ♦ Bathtubs ♦ Showers ♦ Plastic Shower Curtains ♦ Walls ♦ Glazed Tiles ♦ [Shower] Doors ♦ Floors ♦ Medicine Cabinets ♦ Counter Tops ♦ Toilet Handles ♦ Faucet Handles ♦ Diaper Pails ♦ Tubs

MOLD AND MILDEW

To control and prevent the growth of mold and mildew:

Spray pre-cleaned surface until thoroughly wet. Surface must remain wet for 10 minutes before wiping or air drying. Repeat as necessary.

Claims:

- Stop[s] mold and mildew from coming back. Respray product as necessary.
- Helps keep mold and mildew from coming back. Respray product as necessary.
- Kills and prevents the growth of molds and mildew. Respray product as necessary.
- Controls and prevents mold and mildew growth. Respray product as necessary.
- Prevents mold and mildew growth. Respray product as necessary.

Organisms

Kills mold and mildew such as: *Aspergillus niger* (mildew)

Use Sites

Use [throughout the house] on 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: ♦ [Closets] Hampers ♦ Toilets ♦ Toilet Seats ♦ Floor Around Toilets ♦ Toilet Areas ♦ Faucets ♦ Doorknobs ♦ Bathtubs ♦ Showers ♦ Plastic Shower Curtains ♦ Walls ♦ Glazed Tiles ♦ [Shower] Doors ♦ Floors ♦ Medicine Cabinets ♦ Counter Tops ♦ Toilet Handles ♦ Faucet Handles ♦ Diaper Pails ♦ Tubs

SANITIZATION

To Sanitize non-food contact surfaces [for 24 hours]: Spray 6 to 10 inches from pre-cleaned surface for 3-4 seconds until thoroughly wet. Surface must remain wet for 10 minutes before air drying.

Claims:

- [This product] kills 99.9% of bacteria for 24 hours.**
- [This product] sanitizes for 24 hours.**
- [This product] kills 99.9% of odor causing bacteria for 24 hours.**
- [This product] keeps killing 99.9% of bacteria for 24 hours.**
- [This product] continues to kill 99.9% of bacteria for 24 hours.**
- [This product] also kills 99.9% of bacteria for 24 hours.**

5/6

Note: Additional test information for the reader and is not part of the label. (Bracketed information is optional text.)
Text separated by a diamond bullet (♦) denotes another option.

05413-67 Cloro 409-R 3 of 4

Organisms

♦♦Kills 99.9% of bacteria for 24 hours: *Staphylococcus aureus* (staph), *Escherichia coli* 0157:H7 (E. coli), *Salmonella choleraesuis* (salmonella), or *Klebsiella pneumoniae*

Use Sites:

Use (throughout the house) on 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 ♦ Deck 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 ♦ Toilets ♦ Toilet Seats ♦ Floor Around Toilets ♦ Toilet Areas ♦ Faucets ♦ Doorknobs ♦ Bathtubs ♦ Showers ♦ Plastic Shower Curtains ♦ Walls ♦ Glazed Tiles ♦ [Shower] Doors ♦ Floors ♦ Medicine Cabinets ♦ Counter Tops ♦ Toilet Handles ♦ Faucet Handles ♦ Diaper Pails ♦ Tubs

DISINFECTION

To Disinfect: Spray 6 to 10 inches from precleaned surface for 3-4 seconds until thoroughly wet. Surface must remain wet for 10 minutes before wiping.

Specific Instructions for *HIV-1:

This product kills *HIV-1 on pre-cleaned 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 (*HIV-1) (associated with AIDS).

Special Instructions for Using this product to Clean and Decontaminate Against *HIV-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 autoclave and disposed of according to local regulations for infectious waste disposal.

Claims:

• [Home] [Bathroom] [Restroom] [Kitchen] disinfectant

• Antimicrobial

• [New] Disinfecting spray

• Virucidal*

• Germicidal

• Fungicidal

• Bactericidal

• Streptocidal

• Staphylocidal

• Pseudomonacidal

• Multi-purpose disinfectant (spray)

• Anti-bacterial (spray) (action) [formula]

• Disinfecting formula

• Disinfects

• Leaves hard, nonporous surfaces sanitary -or- disinfected in 10 minutes

• [This product] kills household germs throughout the kitchen -or- house -or- building on hard, nonporous surfaces plus controls mold and mildew growth.

• [This product] kills 99.9% of bacteria & viruses*

• [This product] kills household bacteria, viruses,* mold and mildew

Organisms

Kills household germs such as: *Staphylococcus aureus* (staph), *Streptococcus pyogenes* (strep), *Salmonella choleraesuis* (salmonella), *Pseudomonas aeruginosa* (pseudomonas), *Escherichia coli* 0157:H7 (E. coli), *Influenza A2 virus (Hong Kong) (FL virus), *Herpes simplex virus 2, *Aspergillus niger* (mildew), *Trichophyton mentagrophytes* (Athlete's foot fungus), *Proteus mirabilis*, *Klebsiella pneumoniae*, *Enterococcus faecalis* (vancomycin resistant), *Staphylococcus aureus* (Methicillin & Gentamicin resistant), *Listeria monocytogenes*, *Rhinovirus (cold virus), *Adenovirus type 2 (Adenoid 6), *Echovirus, *Hepatitis A virus, *Rotavirus (leading cause of infectious diarrhea in children), *Respiratory syncytial virus (leading cause of lower respiratory infection in children), *Polio virus

Use Sites

Use (throughout the house) on 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 ♦ Deck 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 ♦ Toilets ♦ Toilet Seats ♦ Floor Around Toilets ♦ Toilet Areas ♦ Faucets ♦ Doorknobs ♦ Bathtubs ♦ Showers ♦ Plastic Shower Curtains ♦ Walls ♦ Glazed Tiles ♦ [Shower] Doors ♦ Floors ♦ Medicine Cabinets ♦ Counter Tops ♦ Toilet Handles ♦ Faucet Handles ♦ Diaper Pails ♦ Tubs

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 28 2002

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

5-813-67

6/6

Note: 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.

(05813-07) Cont. 408-R 4 of 4

General Claims:

- Safe for [colored] surfaces.
- Avoid use on polished wood, painted surfaces or acrylic plastics.
- Is safe for most hard, nonporous surfaces
- Color safe
- Safe for -or- on colors
- Does not contain bleach
- Has a [clean] fresh/clean/floral scent -or- fragrance -or- smell
- For use in homes
- Convenient
- Unique[ly] formula[ted]!

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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 28 2002

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

5813-67