



005813-00067-042799

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Systems Integration Group, Inc.

PM33

5813-67

4/27/99

1 of 8



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401

"M" St., S.W.

Washington, D.C. 20460

EPA Reg. Number:

5813-67

Date of Issuance:

APR 27 1999

Term of Issuance:

EXPIRES APRIL 27, 2001

Name of Pesticide Product:

CLOROX 409-R

NOTICE OF PESTICIDE:

Registration
 Re-registration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

The Clorox Company
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 you:

1. 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. Add the phrase EPA Registration Number "EPA Reg. No. "5813-67".
3. Before April 27, 2001, the following information must be submitted, reviewed and found to be acceptable in order for EPA to change the "Terms of Issuance" of this registration.

Signature of Approving Official:

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

Date:

APR 27 1999

You must submit a revised 24-hour residual self sanitizing testing protocol which includes a more representative "wear" component for "high traffic" residential uses (eg., doornobs). The 24-hour residual self sanitizing protocol and "wear" component must also take into account any commercial, institutional, and industrial uses that may be added to this or any other product label.

4. You must submit two copies (2) of a final Master Label, and two copies (2) of each corresponding final pre-Production Label (via separate Notification), which address the following required changes. These changes apply to the Master Label and Production Label dated 4/23/99.

Master Label Page 1/4

- A. Delete the words "front panel", and "back panel".
- B. The ingredients statement, containing seven lines total, must be placed on the front panel.
- C. The ingredient statement must show that they total to 100%.
- D. In the "PRECAUTIONARY STATEMENTS" section, revise the warning statement to read exactly as follows:

"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."

- E. Revise the "FIRST AID" statement to read exactly as follows:

"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, eggwhites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol."

- F. In the "PHYSICAL HAZARDS" section, revise the sentence "Exposure to temperatures above 130 (degree symbol) may cause bursting", to read as follows, **"Exposure to temperatures above 130 (degree symbol) Fahrenheit may cause bursting"**.

- G. In the "Storage and Disposal" section, revise the sentence, "At present, there are only a few such centers in the country", to read as follows, **"At present, there are only a few such centers in the U.S."**

Master Label Page 2/4

- A. Delete the use site "Curtains" from the Deodorization, Mold/Mildew, Sanitization, and

Disinfection use directions. Unless specified, as you did with "Plastic Shower Curtains", the broad category "Curtains" can not be used because it can mean non-porous surfaces.

B. The use sites "Furniture" and "Chairs" in the Deodorization, Mold/Mildew, Sanitization, and Disinfection use directions, must be qualified so that only specific hard, non-porous types of furniture and chairs, or associated hard, nonporous surfaces of this furniture and chairs are mentioned.

C. In the "Mold and Mildew" use directions, add the sentence, "**Respray product as necessary**" after each of the following two claims, "Controls and prevents mold and mildew growth", and "Prevents mold and mildew".

D. In the "Sanitization" use directions, change the first claim to read exactly as follows, "[This product] kills 99.9% of bacteria for 24 hours.** "

Master Label Page 3/4

In the Disinfection section, delete the claim "Use just like other disinfecting sprays".

Master Label Page 4/4

A. In the first bulleted claim, delete the fragment "...and/or- [colored] fabrics." Fabrics are soft porous surfaces for which you did not provide data.

B. In the second bulleted claim, delete the words "...rayon fabrics, leather...", and "...vinyl.". These are soft porous surfaces for which you did not provide data.

5. The words, numbers, symbols, claims, use sites, use directions, organisms, and any other statements on the Master Label, must be transposed onto a Production Label exactly as stated, and approved on the Master Label. When producing a Production Label, the following modifications are not allowed:

- A. Using selected words from different claims and splicing them together;
- B. Deleting one or more non-optional words from organisms, claims, use directions, precautionary statements, etc.
- C. Adding or changing words that are not on the Master Label
- D. Using claims, organisms, use sites, etc. associated with one level of efficacy for another inappropriate level of efficacy
- E. Using words on the label in a way that gives the impression that disinfection is for 24 hours and/or for all organisms listed under disinfection.

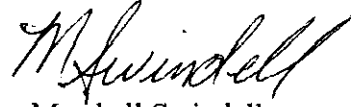
Any requested changes to this Master Label that are not in this Registration Notice, and that would apply to subsequent Production Labels, must be done by the regular Notification or Amendment process.

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.

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EPA Reg. No. 5813-67

A copy of the Master Label stamped "Accepted With Comments" is enclosed for your records. 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

5078

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-XX) Clorox 409-R 1 of 4

front panel

CLOROX® 409-R

KEEP OUT OF REACH OF CHILDREN

WARNING:

See back panel for first aid.

NET WT. _____ OZ.

back panel

This product is for residential use only and is not intended for use in commercial, industrial, or institutional establishments.

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%
INERT INGREDIENTS:	34.3700%

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5813-67

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. Prolonged or frequent repeated skin contact while spraying may cause allergic reactions in some individuals. Avoid contact with eyes, skin or clothing. Avoid breathing mist. 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: drink a glass of water. Call a physician.

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° 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 country. 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-xxx-xxxx
Mfg for & © 1997 The Clorox Company, Oakland, CA 94612
EPA Reg. No. 5813-XX
EPA Est. No. 11525-IL-1-10744-IL-1; 11525-RU-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

R-10236-4

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(05813-XX) Clorox 405-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

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 ♦ Furniture ♦ 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 ♦ Curtains ♦ 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 precleaned 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.
- Prevents mold and mildew growth.

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 ♦ Furniture ♦ Chairs ♦ [Cabinet] [Door] Handles ♦ Dressing Carts ♦ Storage Areas ♦ Kennels

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SANITIZATION

To Sanitize non-food contact surfaces [for 24 hours]: Spray 6 to 10 inches from precleaned 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 germs for 24 hours.**
- [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.**

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with COMMENTS
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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 ♦ Damp Storage Areas ♦ Furniture ♦ Chairs ♦ [Cabinet] [Door] Handles ♦ Dressing Carts ♦ Storage Areas ♦ Kennels

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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 autoclaved 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
- Use just like other disinfecting sprays
- 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

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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] [Flu 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

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(05413-00) Clorox 408-R 4 of 4

General Claims:

- Safe for [colored] surfaces -and/or- [colored] fabrics.
- Avoid use on polished wood, painted surfaces, rayon fabrics, leather, acrylic plastics or vinyl.
- Is safe for most hard, nonporous surfaces
- Color safe
- Safe for -or- on colors
- Does not contain bleach
- Has a [clean] fresh/lemon/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.

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