



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

EPA Reg. Number:

Date of Issuance:

5813-85

JUN - 9 2005

Term of Issuance:

Name of Pesticide Product:

EMIL

NOTICE OF PESTICIDE:

 Reregistration
 X Registration

(under FIFRA, as amended)

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 sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label change:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 5813-85."
 - b. The signal word for this product is "CAUTION"
 - c. The amount of available chlorine must be declared below this product's Ingredient Statement on the label

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Signature of Approving Official:

Date:

Emily H. Mitchell

JUN - 9 2005

Emily H. Mitchell, PM-32, Antimicrobials Division (7510C)

- d. The proposed label claims that the product, EMIL, is an effective sanitizing rinse for hard, non-porous, food contact surfaces for a contact time of **2 minutes** when used at full strength have been deleted. The label claims that the product "Kills 99.9% of bacteria like Salmonella, Strep, Staph and E. coli [on] [food contact] surfaces . . . [see page 4 of the proposed label; Items # 11, 13, 16]." The applicant has not provided data from studies against *Streptococcus pneumoniae* and *Staphylococcus aureus*.
- e. The proposed label does not direct the user to remove gross food particles from surfaces, wash surfaces with a good detergent or compatible cleaner, and rinse surfaces with potable water prior to applying the sanitizing solution. The applicant must revise the proposed label to fully meet DIS/TSS-17 labeling requirements.
- f. The label refers to List 1 and List 2, which apparently identify bacteria against which the product, EMIL, is effective [see page 4 of the proposed label]. The applicant needs to revise the proposed label so that it includes "List 1" and "List 2".
- g. The proposed label [see page 5 of the proposed label] states that the product may be used to sanitize cutting boards. EPA staff have indicated that cutting boards are porous. The applicant must specify that the cutting board is made from a non-porous material.
- h. The proposed label indicates that the product can be used on lunch bags, lunch boxes, and lunch pails [see page 5 of the proposed label]. Lunch bags are likely made with porous materials. All references to lunch bags have been removed from the proposed label.
- i. The proposed label indicates that the product can be used on grout [see page 5 of the proposed label]. Grout is a porous surface. All references to grout have been removed from the proposed label.
- j. The proposed label indicates that the product can be used on patio furniture [see page 5 of the proposed label]. These products may be manufactured with wood and upholstery, which are porous materials. The label must be revised to indicate use of the product on "Patio furniture, except cushions and wood frames."

Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.

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Note: Bold, Italicized text is information for the reader and is not part of the label.
[Bracketed information is optional text.] Underlined text is new. Strike-through (~~xxx~~) means removed.

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CAUTION

[Peel here to remove label]

EMIL

Net Contents: _____

EPA Reg. No. 5813-XX, EPA Est. No. _____
 © 2004 The Clorox Company, Oakland, CA 94612.
 Clorox is a registered trademark of The Clorox Company.
 U.S. Patents pending.

NO643-1

ACCEPTED
with COMMENTS
EPA Letter Dated:

JUN - 9 2005

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. **5813-85**

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Note: **Bold, italicized text is information for the reader and is not part of the label.**
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<p>ACTIVE INGREDIENT: Sodium Hypochlorite 0.0095% Other Ingredients: 99.9905% Total: 100.0000%</p>	<p>KEEP OUT OF REACH OF CHILDREN [For further information] [Questions?] [Comments] [call]: _____</p>
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STORAGE AND DISPOSAL:
[Store this product in a cool place.] Do not reuse empty container. -or- Refill only with this product. Offer empty container for recycling. If recycling is not available, discard container in trash. -or- Recycle bottle or dispose in trash.

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

To refill (spray bottles):

<p>[Remove] 1. Remove trigger sprayer -or- cap from empty bottle.</p>	<p>[Pour] 2. Unscrew cap on refill and pour contents directly into empty bottle.</p>	<p>[Use] 3. Replace trigger sprayer and use as you normally would -or- unscrew cap and transfer your trigger to this bottle.</p>
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SANITIZATION:

Non-food contact surfaces:

<p>Spray [To kill 99.9% of bacteria on (all) non-food surfaces -or- sanitize (all) non-food surfaces.] Spray [this product] on surface [until thoroughly wet]. Let stand for 1 minute/60 seconds. [If desired,] wipe with paper towel or clean dish towel. [Air dry, no rinsing necessary.]</p>	<p>Soak [To kill 99.9% of bacteria on (all) non-food surfaces -or- sanitize (all) non-food surfaces.] Pour -or- Spread -or- Apply this product on a surface [until thoroughly wet] [with a sponge or towel]. Let stand for 1 minute/60 seconds. [If desired,] wipe [away excess] with paper towel or clean dish towel. [Air dry, no rinsing necessary.]</p>
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Organisms: Escherichia coli [E. coli], Klebsiella pneumoniae, Proteus mirabilis, Salmonella choleraesuis [Salmonella], Staphylococcus aureus [Staph], Streptococcus pneumoniae [Strep]

Food contact surfaces:

<p>Spray [To kill 99.9% of bacteria on [all] surfaces -or- sanitize [all] surfaces.] Spray [this product] on surface [until thoroughly wet]. Let stand for 2 minutes. [If desired,] wipe with paper towel or clean dish towel. [Air dry, no rinsing necessary]</p>	<p>Soak [To kill 99.9% of bacteria on [all] surfaces -or- sanitize [all] surfaces.] Pour -or- Spread -or- Apply [this product] on surface [until thoroughly wet] [with a sponge or towel]. Let stand for 2 minutes. [If desired,] wipe [away excess] with paper towel or clean dish towel. [Air dry, no rinsing necessary.]</p>
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Organisms: Escherichia coli [E. coli], Salmonella typhi [Salmonella]

SPONGES:

To [prevent] [stop] [control] the growth of odor-causing bacteria [in your] sponge[s], spray sponge [with this product] until saturated and let stand 5 minutes.

P0843-1

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GENERAL CLAIMS:

- A [gentle] [mild] way to sanitize
- A Clorox® Home is a Healthier Home
- A [healthier] [smarter] way to wipe up!
- A new technology that is [gentle] [mild] enough to use around your family...on the surfaces they touch the most
- A revolutionary, pH-balanced [neutralized] bleach
- All purpose [antibacterial] kitchen [cleaner] [mist] [spray] [sanitizer]
- Antibacterial [daily] kitchen [cleaner] [mist] [sanitizer] [spray]
- Antibacterial produce [rinse] [soak] [wash]
- Bleach that can be used anywhere
- Can be used as a produce [rinse] [soak] [wash]
- Check [out] [our website at] www.clorox.com [for more information]
- [Clean] [light] [airy] [mild] [fresh] [bleach] fragrance -or- scent
- Clear formula
- [Clorox®] anywhere bleach
- Color safe
- [Color safe] will not whiten or bleach [surfaces] [or] [clothes]
- Contains bleach at a low concentration
- Contains no [abrasives] [or] [harsh acids]
- Contains no [artificial] [fragrances] [or] [dyes]
- [Contains] no [harsh] [harmful] [lingering] [cleaning] chemicals
- [Controls] [prevents] [stops] the growth of odor-causing bacteria in sponges
- [Daily] [everyday] [light-duty] kitchen [cleaner] [mist] [sanitizer] [spray]
- Delivers the trusted power of Clorox®
- Deodorizes sponges
- [Easy] [quick] [convenient] to use
- [Easy] [quick] [convenient] way to sanitize with Clorox® Bleach
- [Economy] [institutional] [refill] [value] size -or- pack
- [Economy] [value] refill
- Eliminates buckets and rags for sanitizing
- Eliminates labor required to mix solution
- Eliminates potential for mixing errors
- Eliminates the need to test ppm level
- Fiber safe
- Food [contact] [surface] [service] sanitizer
- For [daily] [everyday] [gentle] [light-duty] [kitchen] cleaning -or- wiping
- For [daily] [everyday] use
- For a cleaner, fresher [bathroom] [kitchen] [home] [house]
- For sanitizing [food service] dining tables
- For use on both white and colored hard surfaces
- [Gentle] [mild] enough to use all around the [kitchen] [home] [house]
- [Gentle] [mild] enough to use around [children] [kids] [babies] [your family] [food] [pets] [dogs] [cats]
- [Gentle] [mild] enough to use on all kitchen surfaces
- [Gentle] [mild] enough to use without gloves
- [Gently] [lightly] cleans
- Great for [daycare] [lavatory] [restaurant] [office] [school] use!
- Great for [all around] [the] [house] [home] [kitchen]
- Has a [clean] [light] [airy] [mild] [fresh] [bleach] fragrance -or- scent
- [It] breaks down into saline solution
- It's from Clorox®, so you know you can trust it
- Just as [gentle] [mild] as [dish soap] [and] [water]
- Just spray [and] [wipe] [walk away] [no rinsing -or- wiping [is] necessary]
- Kitchen solution[s] [cleaner] [mist] [sanitizer] [spray]
- Latest in bleach technology
- Leaves a [clean] [light] [mild] [fresh] [bleach] fragrance -or- scent
- Leaves a streak-free shine
- Leaves no [harmful] [chemical] residue
- Leaves surfaces shiny
- Leaves your [kitchen] [home] [house] smelling clean
- Leaves your kitchen [healthy] [and] [hygienic]
- Makes your job easier
- Mama's got the magic of Clorox®
- No [harsh fumes] [accidental whitening] [or] [skin irritation]
- No measuring
- No mixing
- No rinsing [necessary]
- Non-abrasive formula
- Not dangerous around food
- ~~One-step~~ cleaning and sanitizing
- Patent pending formulation
- Perfect size for [bathrooms] [kitchens]
- Perfect size for use all around the house
- Proper dilution every time
- Quick -or- easy -or- fast -or- convenient -or- versatile
- Ready-to-use -or- RTU
- Safe for surfaces that water won't harm
- [Safe] [gentle] [mild] [enough] to use on any washable surface including (list any surface from list 3 or 4)
- Sanitize without rinsing
- The easy way to sanitize food service operations [dining areas, countertops, checkouts]
- The Simple Solution for a Healthier Home
- The smell of clean
- Try me
- Use [daily] [everyday]
- Use for a [fresh] [healthy] kitchen
- Use for a healthier [kitchen] [home] [environment] [place]
- [Use] for touch-up [kitchen] cleaning -or- wiping
- [Use] for quick clean-ups
- [Use] For wiping [bathroom] [kitchen] counters
- Use throughout the [kitchen] [home] [house]
- With a [light] touch -or- hint of [bleach] [fragrance]
- Works quickly
- [Worry free] [color-safe] bleach spray [that you can use all around the house]!

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SANITIZING CLAIMS:

- A[n] [quick] [and] easy way to [kill] [eliminate] [destroy] [remove] 99.9% of bacteria in your [bathroom] [home] [house] [kitchen]
- Antibacterial
- Can help reduce the risk of cross-contamination
- Can reduce the spread of illness-causing [kitchen] bacteria [on hard, nonporous surfaces]
- Eliminates food odors like garlic and onion left behind on kitchen surfaces after cooking
- Eliminates odors caused by bacteria
- Food [contact] [preparation] surface sanitizer
- Food serving area sanitizer
- [Gently] [lightly] cleans and [kills] [eliminates] [destroys] [removes] 99.9% of [kitchen] bacteria
- [Gently] [lightly] cleans and removes 99.9% of [kitchen] bacteria
- ~~Kills 99.9% of bacteria (Salmonella, Strep, Staph and E. coli) [on] [food contact surfaces] [food preparation surfaces] [food serving areas]~~
- ~~Kills 99.9% of bacteria in 2 minutes~~
- ~~Kills 99.9% of bacteria like Salmonella, Strep and E. coli [on] [food contact surfaces] [food preparation surfaces] [food serving areas]~~
- ~~Kills 99.9% of bacteria [on] [food contact surfaces] [food preparation surfaces] [food serving areas]~~
- Kills 99.9% of bacteria that can cause foodborne illnesses [food poisoning]
- ~~Kills 99.9% of bacteria [on] [food contact surfaces] [food preparation surfaces] [food serving areas]~~
- *Salmonella, Strep, Staph and E. coli
- Kills 99.9% of household bacteria
- Kills 99.9% of the bacteria commonly found in kitchens and bathrooms
- Kills 99.9% of the bacteria you can't see
- [Kills] [eliminates] [destroys] [removes] 99.9% of bacteria [all] around your [bathroom] [kitchen] [home] [house]
- [Kills] [eliminates] [destroys] [removes] 99.9% of bacteria all around your kitchen: (list any organism from list 1 or 2)
- [Kills] [eliminates] [destroys] [removes] 99.9% of bacteria, including E. coli and Salmonella, without leaving a harmful chemical residue
- [Kills] [eliminates] [destroys] [removes] 99.9% of bacteria [(like Salmonella, Strep, Staph and E. coli)]
- [Kills] [eliminates] [destroys] [removes] 99.9% of bacteria on commonly touched surfaces that can be transfer points for bacteria [such as doorknobs, telephones, keyboards, and light switches]
- [Kills] [eliminates] [destroys] [removes] 99.9% of bacteria on: (list any surface from list 3 or 4)
- [Kills] [eliminates] [destroys] [removes] 99.9% of bacteria [on hard, nonporous surfaces]
- [Kills] [eliminates] [destroys] [removes] 99.9% of bacteria on hard, nonporous surfaces: (list any surface from list 1 or 2)
- [Kills] [eliminates] [destroys] [removes] 99.9% of bacteria on hard, nonporous surfaces [all] around the [bathroom] [kitchen] [home] [house]
- [Kills] [eliminates] [destroys] [removes] 99.9% of bacteria that [antibacterial] dish soap leaves behind
- [Kills] [eliminates] [destroys] [removes] 99.9% of bacteria that [antibacterial] dish soap can spread around
- [Kills] [eliminates] [destroys] [removes] 99.9% of bacteria*
- *Salmonella, Strep, Staph and E. coli
- [Kills] [eliminates] [destroys] [removes] 99.9% of bacteria, including E. coli and Salmonella, that dish soap leaves behind
- [Kills] [eliminates] [destroys] [removes] 99.9% of bacteria, including E. coli and Salmonella, that [antibacterial] dish soap leaves behind
- [Kills] [eliminates] [destroys] [removes] 99.9% of bacteria, including E. coli and Salmonella, that antibacterial dish soap can spread around
- [Kills] [eliminates] [destroys] [removes] 99.9% of bacteria: (list any surface from list 1 or 2)
- [Kills] [eliminates] [destroys] [removes] 99.9% of common household bacteria
- Kills odor causing bacteria
- Leaves household surfaces sanitized
- Reduces [allergens] [dust mite matter] [pet dander]
- Sanitizes
- Sanitizes food [contact] [preparation] surfaces [without rinsing]
- Sanitizes food serving areas [without rinsing]
- Specially designed to be gentle on: (list any surface from list 4)
- While it's tough on bacteria, the solution is gentle to both hands and surfaces

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USE SITES (List 3):			
<ul style="list-style-type: none"> • Around Toilet Areas • [Around] Toilets • Automobiles • Baby Bottles • Baby Toys • [Bath]tubs • Bathroom [Counter]tops • Bathroom [Surfaces] • Beverage Bars • Blinds • Boat Interiors • Booster Chairs • Breast Pump Parts • Breast Pumps • Cabinet Handles • Cabinets • Can Openers • Cars • Children's [Kids'] [Wading] Pool • Children's [Kids'] Table • [Computer] Keyboards • Counter(s) -or- Countertop(s) • Cupboards • Cutting Boards • Dairy Cases • [Diaper] Changing Tables • Diaper Pails • Dining Room Tables 	<ul style="list-style-type: none"> • Dish Racks • Dishwashers • Door Handles • Doorknobs • Doors • Drainboards • Dryers • [Empty] Clothes Hampers • [Empty] Garbage Cans [Bins] • Faucets • Floors • Food Cases • Food Contact Surfaces • Food Preparation [Processing] Surfaces • Food Preparation [Surfaces] [Areas] • Food Serving Areas • Food Trays • Freezers • Grills • Grocery Carts • [Grocery] Checkout Areas • Handrails • High Chair Trays • High Chairs • Inside Dishwasher[s] [Interiors] • [Inside] Freezer[s] [Interiors] • [Inside] Microwave[s] [Interiors] 	<ul style="list-style-type: none"> • [Inside] Refrigerator[s] [Interiors] • Kid's [Children's] Playroom [Toys] • [Kitchen] Appliances • [Kitchen] [Bathroom] Sinks • Kitchen [Counter]tops • [Kitchen] [dining room] Tables • Kitchen Surfaces • Kitchen Tools • Knives • Laundry Rooms • Light Switches • Litter Box • Lunch Bags • Lunch Boxes • Lunch Pails [Bags] • Medicine Dropper • Outdoor[s] [Areas] • Oven Doors • Ovens • Pacifiers • Patio Furniture • Pet Bowls [Areas] • Pet Feeding Dishes • Piano Keys • Plastic Cutting Boards • Playpens • Potty-Chair[s] [Seats] • Range Hoods 	<ul style="list-style-type: none"> • Range tops • Recycling Bins • Refrigerators • Restrooms • [Salad Bar] Sneeze Guards • Shower [Faucets] [Doors] [Handles] [Fixtures] [Walls] [Floors] • Sink [Faucets] [Fixtures] [Handles] • Snack Counters • Soap Dispensers • Storage Areas • Stovetops • Stroller [Handles] [Trays] • Telephones • Thermos • Toasters • Toilet [[Flushing] Handles] [Seats] [Surfaces] [Exteriors] • Tongs • Towel [Tissue] Dispensers • Under Sinks • Urinals • Vanities • Vanity Tables • [Vinyl] Shower Curtains • Walls • Washing Machines • Windowsills

USE SURFACES (List 4):			
<ul style="list-style-type: none"> • Ceramic Tile • Chrome • Corian • Formica 	<ul style="list-style-type: none"> • Glass • Granite • Grout • Linoleum 	<ul style="list-style-type: none"> • Marble • Metal • Plastic • Porcelain 	<ul style="list-style-type: none"> • Stainless Steel • Tile • Vinyl • Wood