

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG 6 1996

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

Attention: J. Evelyn Lawson  
Regulatory Compliance Specialist

Subject: LEMON-SOL® CLEANER DISINFECTANT  
EPA Registration No. 5813-26  
Your Amendment Dated January 3, 1996  
EPA Received Date January 16, 1996

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to update the Confidential Statement of Formula (CSF) and the product labeling ingredients statement in accordance with requirements cited in the Reregistration Eligibility Document (RED) for Aliphatic Alcohols, is acceptable.

The Agency has reviewed the submitted CSF and labeling you provided in response to the Data Call-In for this RED, Case No. 4003, and determined that it meets the RED reclassification requirement from active to inert status for a 3% Ethanol ingredient in a quaternary ammonium compound-based formulation. However, the following labeling changes must be made before you release the product for shipment bearing the amended labeling.

1. On the front label, place a colon after "INERT INGREDIENTS".
2. Delete from the front label the statement "Includes detergent, color and other grease cutting agents."
3. Move the front label sentence, "The surfactants are biodegradable in lakes and streams.", to the "STORAGE AND DISPOSAL:" Section under the "PRODUCT DISPOSAL:" Heading.
4. On the back panel, delete the word "LEMON" from the statement "\* LEAVES EVERYTHING IT CLEANS LEMON BRIGHT".

CONCURRENCES							
SYMBOL	7505C						
SURNAME	D. Arvado						
DATE	5/12/96						

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5. The Use Directions under the "DIRECTIONS FOR HOUSEHOLD USE" Section are inadequate and unacceptable. The directions must be expanded to address items 3, 5, 6, and 7 cited in the enclosed Attachment, DIS/TSS-15, "Label Requirements For Antimicrobial Pesticides Used On Hard Surfaces: Directions For Use".

6. Revise the use statement "Use 1/4 cup in one gallon water and wipe away household germs as you wipe away dirt." to read "Use 1/4 cup in one gallon water." Delete the use statement "On food preparation surfaces, follow with potable water rinse."

7. Move the sentence, "Rinse empty container with water and discard it.", to the "STORAGE AND DISPOSAL:" Section under the "CONTAINER DISPOSAL:" Heading.

8. Revise the "STATEMENT OF PRACTICAL TREATMENT" Section to include the sentence, "Avoid alcohol." under the "IF SWALLOWED:" Heading. Also, add the sentence, "Remove and wash contaminated clothing before reuse." to the "IF ON SKIN:" Heading.

The updated CSF dated January 3, 1996 has been placed in the EPA registration files for this product and supersedes all other CSFs on record.

A stamped copy of the product labeling for LEMON-SOL® CLEANER DISINFECTANT is enclosed for your records. Submit one (1) copy of the revised final printed labeling before you release the product for shipment.

If you have any questions concerning this letter, please contact Doreen Aviado of my staff at (703) 305-6554.

Sincerely,



Marion J. Johnson, Jr.  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (7505C)

Enclosures

January 3, 1996

Lemon-Sol® Cleaner Disinfectant  
EPA Reg. No. 5813-26

(front label)

• Grease Cutting

**LEMON-SOL® CLEANER DISINFECTANT**

Eliminates Odors

Kills Household Germs

**CONCENTRATED CLEANER**

**Active Ingredients:**

n-Alkyl (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> ) dimethylbenzyl ammonium chloride	1.5%
n-Alkyl (50% C <sub>12</sub> , 30% C <sub>14</sub> , 17% C <sub>17</sub> , 3% C <sub>18</sub> ) dimethyl ethylbenzyl ammonium chloride	1.5%
Inert Ingredients	97.0%

Includes detergent, color and other grease cutting agents

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

See back label for additional precautionary statements

This formula averages 0.9% phosphates--equivalent to 0.55 gram per ¼ cup use. The surfactants are biodegradable in lakes and streams.

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**ACCEPTED**  
**with COMMENTS**  
in EPA Letter Dated:

**AUG 6 1996**

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

5813-26

4/4

January 3, 1996

Lemon-Sol® Cleaner Disinfectant  
EPA Reg. No. 5813-26

(back label)  
LEMON-SOL® CLEANER DISINFECTANT

- LEAVES EVERYTHING IT CLEANS LEMON BRIGHT
- ELIMINATES ODORS

KITCHENS: Walls, Floors, Cabinets, Porcelain, Enamel.

BATHROOMS: Tiles, Tubs, Enamel Surfaces.

BASEMENTS, GARBAGE CANS, PETS AREAS  
FINISHED WOOD SURFACES

DIRECTIONS FOR HOUSEHOLD USE

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

Use ¼ cup in one gallon water and wipe away household germs as you wipe away dirt. For really stubborn spots, wear rubber gloves and use direct from the bottle and rinse immediately. On food preparation surfaces, follow with potable water rinse. For effective disinfectant action, surfaces must be thoroughly wet with this product.

Add ¼ cup of this product to laundry with regular soap or detergent to make clothes fresh and odor free.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** Causes skin irritation. May cause eye damage. Do not get in eyes, on skin or clothing. Harmful if swallowed. Avoid contamination of food. Rinse empty container with water and discard it.

**STATEMENT OF PRACTICAL TREATMENT: IF SWALLOWED:** Promptly drink a large amount of milk or water. Call a physician. **IF IN EYES:** Immediately flush eyes with plenty of water. If irritation persists, call a physician. **IF ON SKIN:** Immediately flush skin with plenty of water.

**PHYSICAL OR CHEMICAL HAZARDS:** Keep away from heat, sparks and open flame. Do not use or mix with other household cleaners.

**STORAGE AND DISPOSAL: STORAGE:** Store in cool dry area. **CONTAINER DISPOSAL:** Do not reuse empty container. Wrap container in several layers of newspaper and discard in trash. **PRODUCT DISPOSAL:** Use up, give away, or pour unused product down drain and flush with water. Do not mix products when disposing.

Questions or comments: Call toll free 1-800-227-1860  
THE CLOROX COMPANY  
OAKLAND, CA 94612  
MADE IN THE U.S.A. ©1996  
EPA Reg. No. 5813-26  
EPA Est. No. \_\_\_\_\_ (Actual EPA Est. No. in code below).

**ACCEPTED**  
with **COMMENTS**  
in EPA Letter Dated:

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Under the Federal Insecticide,  
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