

PM 31

777-70

10/7/99

Page 1 of 6

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Reckitt & Colman Inc.  
1655 Valley Road  
Wayne, New Jersey 07474

OCT 07 1999

Subject: Lysol Brand Fresh Scent Thick Liquid  
Disinfectant Toilet Bowl Cleaner  
EPA Registration No. 777-70  
Amendment Dated April 9, 1999

Attn: Bruce Paoella  
Sr. Regulatory Affairs Specialist

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided you make the following changes.

The submitted microbiological efficacy data developed by the ASTM standard Method E1153-87 (Standard Test Method for Efficacy of Sanitizers Recommended for inanimate Non-Food Contact Surfaces) are adequate and supportive of the product effectiveness as a non-food contact sanitizer against staphylococcus aureus (ATCC6538) and Enterobacter aerogenes (ATCC 13048) at a dilution of 1:5 in the presence of 5% horse serum for a 30 seconds contact time. (MRID #44803801)

The following comments are applicable for the product proposed label:

1. There are no adverse comments on page #1 and page #2.
2. The following sanitization labeling comments on page #3 must be revised to reflect the following changes:
  - a. For item #1 (front label) and item #2 (back label), revise to read "kills 99.9% of some bacteria (many germs) in 30 seconds on hard nonporous surface(s)".
  - b. For item #3 (front label) and item #4 (back label), revise to read "kills 99.9% of some bacteria (many germs) in 30 seconds on hard nonporous surface(s)".
  - c. For item #5 (front panel) and item #6 (back panel), revise to read "kills some bacteria (many germs) in 30 seconds on hard nonporous surfaces".
  - d. For item #7 (front panel) and item #8 (back panel), revise to read "kills 99.9% of some bacteria (household germs) in 30 seconds on hard nonporous surfaces".
  - e. For item #9, back label, revise to read "To sanitize (non-food contact surfaces)/deodorize. Let stand for 30 seconds and then disinfect/deodorize hard, nonporous surfaces".

CONCURRENCES

|         |          |  |  |  |  |  |  |
|---------|----------|--|--|--|--|--|--|
| SYMBOL  | 7510C    |  |  |  |  |  |  |
| SURNAME | B. Jones |  |  |  |  |  |  |
| DATE    | 10-7-99  |  |  |  |  |  |  |

surfaces: allow (product) to stand for at least 10 minutes, then brush entire bowl, making sure to get under the rim, then flush”.

f. For item #10, back panel, revise to read “Effective acting as a non-food contact sanitizer”.

g. For item #12, back label, change the term “...Eliminates...”to”...kills..”

h. Delete the term (Summer)(Garden) from the label. This term sound like a fragrance and the Agency cannot find this term on the Confidential Statement of Formula (CSF) or on any of your previous submissions.

A stamped copy of the label is enclosed for your records. Submit one (1) copy of the final printed label before this product is released for shipment.

If you have any questions concerning the comments in this letter, you should contact Zenobia Jones at (703) 308-6198.

Sincerely,



Velma Noble  
Product Manager 31  
Regulatory Management Branch 1  
Antimicrobial Division (7510C)

**LYSOL BRAND® FRESH SCENT THICK LIQUID TOILET BOWL CLEANER**

**EPA Registration Number 777-70**

**Revised: 4/8/99**

**Page: 1**

**Front Label**

Angle Neck Bottle  
For Easy Under-The -Rim Cleaning

Lysol® Brand

Fresh Scent  
(Summer)(Garden)(Fresh)(Scent)

Cling

Thick Liquid Disinfectant  
Toilet Bowl Cleaner

Disinfects  
Sanitizes  
Bactericidal  
Removes Rust Stains

Bottle is made of  
25% post-consumer  
Recycled Plastic

**ACTIVE INGREDIENTS:**

- Alkyl (50% C14, 40% C12, 10% C16) dimethyl Benzyl ammonium chloride.....0.440%
- Octyl decyl dimethyl ammonium chloride.....0.330%
- Didecyl dimethyl ammonium chloride.....0.200%
- Diocetyl dimethyl ammonium chloride.....0.130%
- INERT INGREDIENTS:**.....98.900%
- TOTAL:**.....100.00%

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER:** See back panel for additional  
Precautionary statements

Net Contents 1 Pt. 6 Fl. Oz  
(22 Fl. Oz.) (651 ml)

ACCEPTED  
with COMMENTS  
by EPA Letter Dated:

**OCT - 7 1999**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. **777-70**



**LYSOL BRAND® FRESH SCENT THICK LIQUID TOILET BOWL CLEANER**

EPA Registration Number 777-70

Revised: 4/8/99

Page: 2

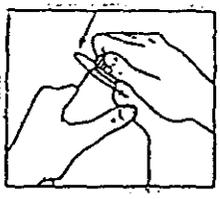
**Back Panel**

For Use in Homes – Kills Household Germs, Including *Staphylococcus aureus* (Staph) (*Salmonella choleraesuis*) in Bathroom Bowls.

(Cleans)(Disinfects) and (Deodorizes) even under the rim. Thick liquid formula sticks to the bowl for better cleaning. Clings to the bowl to remove tough stains. Leaves a (Summer)(Garden)(fresh) clean (fragrance)(scent)(of pine). Safe for white and colored bowls. Harmless to (will not harm) plumbing and/or septic tanks. Contains no phosphates.

**Directions for Use:** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**To Open Child Resistant Cap:** Place bottle on flat, horizontal surface. Avoid squeezing bottle when opening. With one hand grasp bottle firmly near top. With the other hand, while pushing cap down, turn cap counter-clockwise. Do not squeeze bottle. To reseal, twist cap until tightly locked (closed).

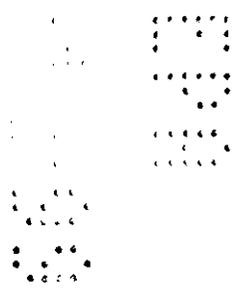


**TO DISINFECT (AND) (CLEAN):** Flush bowl and remove heavy soil by scrubbing with a stiff brush prior to application of (using) product. Raise toilet seat. Point top of bottle down into bowl. Squeeze gently, (directly) at least 4 oz. (squeeze approximately 15 seconds) of the thick liquid formula under the rim and on the sides of the bowl, letting it run down into the water. Let stand for at least 10 minutes, then brush entire bowl and flush. Rinse brush in fresh bowl water after each use.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

OCT - 7 1999

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 777-70



**LYSOL BRAND® FRESH SCENT THICK LIQUID TOILET BOWL CLEANER**

**EPA Registration Number 777-70**

**Revised: 4/8/99**

**Page: 3**

*Additional Language for Sanitization Claims*

*Front Label* - Kills 99.9% of Bacteria (germs) in 30 seconds.\*

*Back Label* - Kills 99.9% of some Bacteria (many germs) in 30 seconds on hard nonporous surface(s).\*

And/or

*Front Label* - Eliminates 99.9% of Bacteria (germs) in 30 seconds.\*

*Back Label* - Eliminates 99.9% of Bacteria (many germs) in 30 seconds on hard nonporous surface(s).\*

And/or

*Front Label* - Kills Bacteria (germs) in seconds.\*

*Back Label* - Kills Bacteria (many germs) in seconds on hard nonporous surface(s).\*

And/or

*Front Label* - Kills 99.9% of Bacteria (germs) in seconds.\*

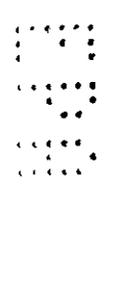
*Back Label* - Kills 99.9% of some Bacteria (many germs) in seconds on hard nonporous surface(s).\*

*Back Label*

- 1) To sanitize/deodorize: Let stand for 30 seconds  
To Disinfect/deodorize: Allow (product) to stand for at least 10 minutes, then brush entire bowl and flush.
- 2) Fast Acting Sanitizer.
- 3a) \*Kills 99.9% of *Staphylococcus aureus* (staph) and *Enterococcus aerogenes* (*Enterococcus*) on hard non-porous surfaces in 30 seconds.
- 4b) \*Eliminates 99.9% of *Staphylococcus aureus* (staph) and *Enterococcus aerogenes* (*Enterococcus*) on hard non-porous surfaces in 30 seconds.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
OCT - 7 1999

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 777-70



**LYSOL BRAND® FRESH SCENT THICK LIQUID TOILET BOWL CLEANER**

**EPA Registration Number 777-70**

**Revised: 4/8/99**

**Page: 4**

**Back Label**

**PRECAUTIONARY STATEMENTS: Hazards to humans and domestic animals.**  
**DANGER: Corrosive.** Causes eye damage and skin irritation. Harmful if swallowed. May product chemical burns. **Do not get in eyes, on skin, or clothing.** Wear protective eyewear and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Avoid contamination of food. Never use with chlorine bleach or any other chemical product.

**FIRST AID: If in eyes:** Immediately flush eyes with water, remove any contact lenses and continue to flush eyes for 15 minutes. Get medical attention.

**If on skin:** Wash with plenty of soap and water. If irritation occurs, consult a physician.

**If swallowed:** Rinse mouth, drink one or two glasses of water. Do not induce vomiting. Call physician immediately.

**Note to physician:** Probable mucosal damage may contraindicate use of gastric lavage.

**STORAGE/DISPOSAL:** Store out of reach of children. Clean up spills right away. Do not reuse empty container. Wrap bottle and put in trash.

Lysol® Cling(This product) is germicidal (bactericidal) when used as directed for disinfection, it is also effective against *Escherichia coli*, (Kills *Escherichia coli* 0157:H7) (kills *E. coli*), (but differs in composition from other Lysol Brand Products).

(Household Products Division)  
Reckitt & Colman Inc.  
1655 Valley Road  
Wayne, New Jersey 07474

EPA Reg. No. 777-70  
EPA Est. No. 777-NJ-2  
777-Oh-1

(See Bottom)

UPC number

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated**  
**OCT - 7 1999**  
Under the Federal Insecticide  
Fungicide and Rodenticide Act as  
amended for the pesticide,  
registered under EPA Reg. No. 777-70

