

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

FEB 14 1995

L & F Products
225 Summit Avenue
Montvale, NJ 07645

Attention: Ms. Herrity

Subject: Lysol Brand Disinfectant Direct Multi-Purpose Cleaner
EPA Registration Number 777-66
Your Submission Dated October 10, 1994
EPA Received Date October 13, 1994

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to obtain approval for an alternate formulation, is acceptable.

The proposed alternate formula in which the chelating agent is being reduced from 4.3% to 1% is acceptable.

The Confidential Statement of Formula dated October 10, 1994, for the alternate formulation agrees with the label and is acceptable.

The submitted data by the AOAC Germicidal Spray Product Test Method are acceptable to support effectiveness of the product as a disinfectant against Escherichia coli ATCC 43888 and Listeria monocytogenes ATCC 7644 when used as an undiluted non-pressurized (pump) spray on hard, non-porous surfaces in the presence of 5% blood serum for a contact time of 10 minutes at 25 degrees Celsius.

The submitted confirmatory efficacy data are also accepted to support the proposed alternate formulation.

At the next printing of your product labeling, revise the statement "LYSOL DIRECT" meets AOAC efficacy standards for hospital disinfectants" to read " LYSOL DIRECT meets AOAC Use-Dilution efficacy test standards for hospital disinfectants".

A stamped copy of the labeling is enclosed for your records. Submit one (1) copy of the final printed label prior to release of the product for shipment.

CONCURRENCES								
SYMBOL								
SURNAME								
DATE								

If you have any questions concerning this letter, please
contact Karen M. Leavy-Munk at (703)-305-6966.

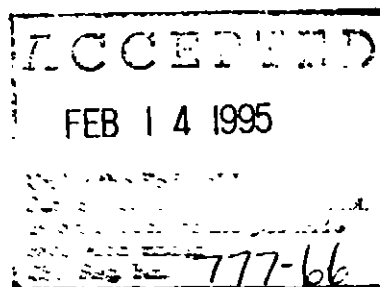
Sincerely,

A handwritten signature in dark ink, appearing to be 'WCF' or similar, written in a cursive style.

Walter C. Francis
Acting Product Manager(31)
Antimicrobial Program Branch
Registration Division(7505C)

FRONT PANEL**LYSOL® Brand Disinfectant Direct
Multi-Purpose Cleaner**

Confidence in Cleaning
 Cleans Without Bleaching
 (Leaves a) Fresh Clean Scent
 Citrus Fresh Scent
 Floral Fresh Scent
 No Mixing
 No Rinsing
 Cleans and Sanitizes and Disinfects
 Cuts Tough Kitchen Grease and Grime!
 Kills Germs
 Kitchen Cleaner
 Antibacterial
 Kills Household Bacteria
 Eliminates Bacteria From Kitchen Surfaces
 Kills Bacteria Commonly Found in the Kitchen
 Economical Refill
 Value Refill
 Easy Pour Spout for Big Jobs

**Active Ingredients:**

Alkyl (67% C12, 25% C14, 7% C16, 1% C8-C10-C18)
 dimethyl benzyl ammonium chlorides0.08%
 Alkyl (50% C14, 40% C12, 10% C16) dimethyl
 benzyl ammonium chlorides.....0.02%
 Inert Ingredients*.....99.90%

*Includes detergents and other grease-cutting agents

KEEP OUT OF REACH OF CHILDREN

CAUTION: See back panel for additional precautionary statements.

Net 17 Fl. oz. (1 Pt. 1 oz.) 502 mL.
 24 Fl. oz. (1 Pt. 8 oz.) 709 mL.
 26 Fl. oz. (1 Pt. 10 oz.) 768 mL.
 22 Fl. oz. (1 pt. 6 oz.) 650 mL.
 32 Fl. oz. (1 Qt.) 946 mL.
 36 Fl. oz. (1 Qt. 4 oz.) 1064 mL.
 Economy Size
 1 Gallon (128 oz.) 3.79 Liters

BACK PANEL

LYSOL® Brand Disinfectant Direct Multi-Purpose Cleaner

LYSOL® DIRECT meets AOAC efficacy standards for hospital disinfectants.

LYSOL® DIRECT is a highly versatile and convenient disinfectant cleaner that you use straight from the bottle. LYSOL® DIRECT cleans and disinfects most nonporous kitchen surfaces and leaves your house with a fresh and clean scent. Use straight from the bottle in the kitchen, bathroom and other household areas.

Alternate for Spray Applicator:

LYSOL® DIRECT is a versatile and convenient disinfectant cleaner for most washable surfaces. (Cleans and disinfects most washable surfaces with no rinsing). LYSOL® DIRECT cleans and shines. No rinsing! Fresh scent! Great for use in the kitchen, bathroom and other household areas.

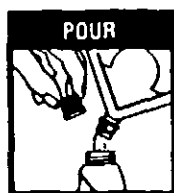
LYSOL® DIRECT cleans and disinfects most kitchen surfaces. It cuts through grease and grime and kills bacteria such as Salmonella, E.coli, Listeria, Staphylococcus and Pseudomonas in the kitchen. It also kills other bacteria which cause odors in the kitchen (kills odor-causing germs).

Alternate for Refill Bottle:

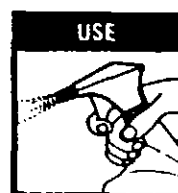
TO REFILL BOTTLE OF LYSOL® DIRECT CLEANER:



1. Remove trigger sprayer or cap from empty bottle of LYSOL® DIRECT cleaner.



2. Unscrew cap on SMART PACK™ Refill and pour contents into empty bottle.



3. Replace trigger sprayer or cap and use LYSOL® DIRECT cleaner as you normally would.

LYSOL® DIRECT cleaner can also be used straight from this SMART PACK™ Refill.

Easy to Pour	SMART PACK™ Refill
Resealable	Uses 75% less plastic

Help reduce plastic waste in your community. Reuse your LYSOL® DIRECT bottle by refilling it with this convenient refill package. SMART PACK™ Refill uses 75% less plastic* than regular packaging so there's much less to throw away. BE SMART...Save Money and Reduce Trash.

*This package contains 75% less plastic by weight than the 22 oz. trigger bottle of LYSOL® DIRECT. This is not a concentrate. Do not add water.

FEB 14 1995

777-66

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

GENERAL HOUSEHOLD / KITCHEN CLEANING: Apply LYSOL® DIRECT cleaner straight from the bottle onto a damp sponge or squeeze directly onto surfaces, then wipe clean. On painted surfaces, test a small area. Not recommended for use on acrylic plastics.

Alternate for Spray Applicator:

TO OPERATE: Turn nozzle counterclockwise to "spray" or "stream". Adjust to desired pattern. If the last portion of LYSOL® DIRECT is difficult to dispense, turn the trigger 180° to face the opposite direction. This will ensure full use of contents.



GENERAL HOUSEHOLD / KITCHEN CLEANING: Spray soiled area, then wipe clean. No rinsing! LYSOL® DIRECT removes (it cuts through) grease, food stains, soap scum, fingerprints, tough soils, crayon/pencil marks, and dirt and grime in and around the house / kitchen. On painted surfaces, test a small area. Not recommended for use on acrylic plastics.

LYSOL® DIRECT cleans all washable kitchen surfaces such as stoves, countertops, sinks, appliances, cabinets, walls, floors, woodwork, tables, chairs and high chairs.

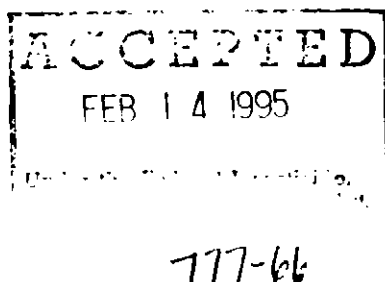
To Clean Refrigerator / Freezer Interiors and Microwave Interiors: Remove all food, ice trays, etc. Spray soiled area, then wipe clean.

FLOORS: Cleans all washable floors including no-wax floors, linoleum, vinyl and ceramic tile. For easy cleaning, squeeze straight from the bottle and wipe clean with a damp mop. For waxed floors or sealed ceramic tile floors, mix one cup of LYSOL® DIRECT cleaner per gallon of water and apply with a mop.

Alternate for Spray Applicator:

FLOORS: Cleans all washable floors including no-wax floors, linoleum, vinyl and ceramic tile. For spot cleaning, spray straight from bottle and wipe clean with damp sponge or mop. For waxed floors or sealed ceramic tile floors, or to clean larger areas of any floors, remove trigger sprayer and mix one cup of LYSOL® DIRECT per gallon of water and apply with a mop.

BATHROOM: To clean and deodorize the toilet bowl, squirt LYSOL® DIRECT liberally (1/2 cup) on sides and under rim of bowl; swab all surfaces thoroughly and flush. To clean tubs and tile, apply straight from the bottle onto damp sponge or squeeze directly onto surface, then wipe clean.



DISINFECT/DEODORIZE: For heavily soiled surfaces, first clean according to General (Kitchen) Cleaning directions. To disinfect/deodorize hard, nonporous surfaces such as floors, walls, counters, sinks, tubs and tile, apply full strength. Let stand 10 minutes before wiping. Kills germs such as Influenza Virus Type A₂ (Japan), dangerous Staphylococcus and Streptococcus germs, Salmonella, Pseudomonas, Herpes Simplex Virus Type 1 and Type 2, E.coli, Listeria monocytogenes, Human Immunodeficiency Virus type 1 (HIV-1) (AIDS Virus) and Athlete's Foot Fungus. Kills odor-causing household germs and mold and mildew in damp and musty places. Repeat application as necessary.

Alternate for Spray Applicator:

DISINFECT/DEODORIZE: To disinfect/deodorize hard, nonporous surfaces such as walls, counters, sinks, tubs and tile, spray until thoroughly wet. Let stand for 10 minutes before wiping. Kills germs such as Influenza Virus Type A₂ (Japan), dangerous Staphylococcus and Streptococcus germs, Salmonella, E.coli, Listeria monocytogenes, Human Immunodeficiency Virus Type 1 (HIV-1) (AIDS Virus), and Athlete's Foot Fungus. Kills odor-causing household germs and mold and mildew in damp and musty places. Repeat application as necessary.

DISINFECT/DEODORIZE: For hard, nonporous surfaces such as counters, sinks, appliances, refrigerator / freezer interiors, microwave interiors, high chairs, stove tops and hoods, tables, garbage pails, faucets, and walls, hold container 6" to 8" from surface and spray until thoroughly wet. Let stand 10 minutes before wiping. Repeat application as necessary. For heavily soiled surfaces, first clean according to GENERAL KITCHEN CLEANING directions.

To disinfect non-porous cutting boards, spray until thoroughly wet, let stand 10 minutes, then rinse thoroughly.

KILLS HIV-1 ON PRECLEANED ENVIRONMENTAL 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 HIV-1 (associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

PERSONAL PROTECTION: When handling items soiled with blood or body fluids, use disposable latex gloves, gowns, masks, or eye coverings.

CLEANING PROCEDURES: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of LYSOL® DIRECT.

CONTACT TIME: Allow surface to remain wet for 10 minutes.

DISPOSAL OF INFECTIOUS MATERIALS: Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

FEB 14 1995

777-66 1

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS.
CAUTION: MAY CAUSE EYE IRRITATION. AVOID CONTACT WITH EYES.

STATEMENT OF PRACTICAL TREATMENT: If splashed in eyes, immediately remove contact lenses and rinse eyes with plenty of water for at least 15 minutes.

Alternate for Spray Applicator:

STATEMENT OF PRACTICAL TREATMENT: If sprayed or splashed in eyes, immediately remove contact lenses and rinse eyes with plenty of water for at least 15 minutes.

STORAGE/DISPOSAL: Store in areas inaccessible to small children. Refill container only with LYSOL® DIRECT. If not refilling, rinse empty container thoroughly and discard in trash or recycle.

Alternate for Refill bottle:

STORAGE/DISPOSAL: Store in areas inaccessible to small children. Do not reuse SMART PACK™ refill. Discard in trash.

Important facts about LYSOL® DIRECT:

Contains no phosphates.

Contains biodegradable cleaning agents.

This bottle is made of 25% post-consumer recycled plastic.

Encourage your local authorities to establish a program to recycle this bottle.

Questions? Comments? Call 1-800-228-4722

EPA Reg. No. 777-66

EPA Est. No. 777-NJ-2, OH-1, IL-1; 11525-IL-01 (see bottom or side)

L & F Products

Montvale, NJ 07645

FEB 14 1995

under
R. No. 777-66

