

675-54

11-18-2003

MT

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

NOV 18 2003

Mr. Bob MacDonald
Agent for Reckitt Benckiser Inc.
Reckitt Benckiser Inc.
1655 Valley Road
Wayne, NJ 07474-0977

Subject: Lysol Brand Heavy Duty Cleaner Disinfectant Concentrate
EPA Registration No.675-54
Application Date: 8/18/03
Receipt Date: 8/20/03

Dear Mr. MacDonald:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable with comments:

Update First Aid Statements in compliance with PR Notice 2001-1

GENERAL COMMENTS

A stamped copy of the accepted labeling is enclosed. Submit three (3) copied of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Zenobia Jones at (703) 308-6198.

Sincerely,



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

CONCURRENCES

SYMBOL	7510C							
SURNAME	Z. Jones							
DATE	11-18-03							

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LYSOL® Brand Heavy Duty Cleaner Disinfectant Concentrate

- For Hospital and Institutional Use
- Disinfects and Deodorizes
- Cuts through Tough Soils
- Non Abrasive
- Fresh Citrus Lime Scent

Active Ingredient:

n-Alkyl (C₁₄ 50%, C₁₂ 40%, C₁₆ 10%) dimethyl benzyl ammonium chloride 3.44%

Other Ingredients: 96.56%

TOTAL: 100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

See back [(side)] panel for first aid and additional precautionary statements

NET Contents: [6 Fl. Oz. (177.42 ml)]	{for 6 ounce size}
[1 Gallon (128 fl. oz.) 3.79 Liters]	{for one gallon size}
[5 Gallons 18.93 Liters]	{for five gallon size}
[55 Gallons 208.20 Liters]	{for 55 gallon size}

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

NOV 18 2013
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 675-54

Note: Bracketed [] information is optional text. Text separated by a comma (,) denotes and/or options. {Bracketed Text} is for administrative purposes only and will not appear on the printed label.

LYSOL® Brand Heavy Duty Cleaner Disinfectant Concentrate

Deodorizer, Fungicide, Virucide*
Kills odor causing bacteria and fungi
Controls the growth of mold and mildew
Deodorizes with a fresh citrus lime fragrance

LYSOL® Brand Heavy Duty Cleaner Disinfectant Concentrate is a one step disinfectant cleaner that kills *Staphylococcus aureus* [(staph)] and *Streptococcus pyogenes* [(strep)], *Trichophyton mentagrophytes* [(athlete's foot fungus)], and controls [inhibits] the growth of mold and mildew and the odors they cause on hard nonporous environmental surfaces. Its deep cleaning action penetrates tough soils including body oils and soap scum, yet it contains no harsh abrasives. The non acid formula removes even stubborn bathtub rings and leaves a clean, fresh scent.

LYSOL® Brand Heavy Duty Cleaner Disinfectant Concentrate has been formulated to thoroughly clean, disinfect and deodorize tub & shower areas and other hard nonporous surfaces in hotels, motels, hospitals, nursing homes, clinics, health clubs, resorts, cruise ships, day care centers, dental offices, and other health care facilities, including:

·glazed ceramic bathroom tile · sinks · toilet bowls and surfaces · garbage cans · bathtubs · shower stalls · chrome and clear acrylic plastic fixtures · porcelain · FORMICA® · glazed ceramic tile floors

This product is not recommended for use on polished marble. For other hard inanimate surfaces, spot test in an inconspicuous area.

FORMICA® is a registered trademark of the Formica Corporation.

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BACTERICIDAL · FUNGICIDAL · VIRUCIDIAL* (Test culture with 5% blood serum. Use-dilution in 400 ppm hard water)

Kills the following [germs] [microorganisms]:

Bacteria:

- Salmonella paratyphi
- Salmonella choleraesuis
- Salmonella typhi
- Salmonella schottmuelleri
- Shigella dysenteriae
- Brevibacterium ammoniagenes
- Enterobacter aerogenes
- Escherichia coli 0157:H7
- Proteus vulgaris
- Neisseria elongata
- Staphylococcus aureus
- Klebsiella pneumoniae
- Serratia marcescens
- Enterococcus faecalis
- Streptococcus salivarius
- Streptococcus pyogenes
- Corynebacterium diphtheriae
- Proteus mirabilis
- Pseudomonas cepacia
- Pseudomonas aeruginosa
- Acinetobacter calcoaceticus
- Staphylococcus aureus (methicillin resistant)

Fungi:

- Candida albicans
- Trichophyton mentagrophytes
- Aspergillus niger

Viruses*:

- Herpes simplex Type 1 and Type 2
- Influenza A₂ (Japan)
- HIV-1 (AIDS Virus)
- Rotavirus
- Respiratory Syncytical Virus

DILUTION CHART

Dilution Ratio	Quantities Needed	
	Product	Water
1:32	1 oz.	32 oz.
	4 oz.	1 gal.
1:16	2 oz.	32 oz.
	8 oz.	1 gal.
1:8 *	4 oz.	32 oz.
	16 oz.	1 gal.
1:4	8 oz.	32 oz.
	32 oz.	1 gal.

**For Pseudomonacidal activity [(for hospital [(s)] and other health care facilities)] dilute 1:8

Proper dilution provides maximum cleaning benefits and product economy.

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

Prepare a fresh solution daily and change solution frequently if heavily soiled or diluted. Product is proven effective in hard water (up to 400 ppm) in the presence of 5% blood serum contamination.

FOR GENERAL DISINFECTION: Remove heavy soil and gross filth prior to disinfection, as per General Cleaning instructions. For broad spectrum disinfection, dilute 1:32 in water (1/2 cup per gallon), apply with cloth or sponge and thoroughly wet surface for 10 minutes, then remove excess. **For Pseudomonacidal activity (for hospital and other health care facilities) dilute 1:8.

FOR GENERAL CLEANING: LIGHT SOIL: Use a 1:32 solution for routine maintenance when heavy soil buildup is not a problem. **MEDIUM SOIL:** Use solution of 1:8 to 1:16 for areas of moderate soil. **TOUGH SOIL BUILDUP:** For stubborn soil or heavy buildup, such as soap scum and body oils or bathtubs or shower walls, a solution of 1:4 is recommended.

TO CONTROL MOLD AND MILDEW: Clean surfaces first. Using a 1:32 dilution wet surfaces; let stand 10 minutes, then remove excess. Repeat application weekly or when needed.

FOR CLEANING AND DISINFECTING TOILET BOWLS: Prior to disinfection, remove all heavy soil and flush toilet. Add 4 oz. of product full strength into the bowl water (1:25 dilution). Thoroughly swab all bowl surfaces and under the rim. Let stand 10 minutes and then flush.

KILLS HIV 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/body fluids, and in which the surface/objects likely to be soiled with blood/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/body fluids, use disposable latex gloves, gowns, masks, or eye protection.

CLEANING PROCEDURES: Blood/body fluids must be thoroughly cleaned from surfaces/objects before application of LYSOL® Brand Heavy Duty Cleaner Disinfectant Concentrate.

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

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

PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals.

DANGER: Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin, or clothing. Wear appropriate eye protection and rubber gloves. May be harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID	
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none">• Call poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person
HOT LINE NUMBER	
Question? Comments or In case of an emergency call toll free (1-800-677-9218). Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN:	
Probable mucosal damage may contraindicate the use of gastric lavage.	

{For sizes 1 gallon or less}

STORAGE/DISPOSAL: Store in an area inaccessible to small children. Rinse empty container thoroughly and discard.

{For sizes over 1 gallon}

STORAGE/DISPOSAL: Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container in areas inaccessible to small children. Keep securely closed.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional office for guidance.

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CONTAINER DISPOSAL: Triple rinse (or equivalent). The offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

{For sizes 5 gallons or more}

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Please encourage your state and local authorities to establish a recycling program so that this bottle/pail/drum can be recycled.

{For 55 gallon containers :}

This label is printed on 50% recycled paper (10% post-consumer). Contains no phosphates.

Please encourage your state and local authorities to establish a recycling program so that this [bottle] [container] can be recycled.

Question? Comments? Call 1-800-677-9218.

Monday – [thru] Friday, 8:45 a.m. – [to] 4:30 p.m. [Eastern time].

[Visit us at www.reckittprofessional.com]



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EPA Est. No. {Insert establishment number here} [See bottom [side]]