



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

November 29, 2016

Arjun Channi  
Reckitt Benckiser LLC.  
Morris Corporate Center IV  
399 Interpace Parkway  
Parsippany, NJ 07054

Subject: Notification per PRN 98-10 – Add Marketing Claims  
Product Name: Lysol Brand Deodorizing Disinfectant Cleaner  
EPA Registration Number: 777-82  
Application Date: August 24, 2016  
Decision Number: 520840

Dear Mr. Channi:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact Joe Daniels at (703) 347-8669 or via email at [daniels.joseph@epa.gov](mailto:daniels.joseph@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "E. Miederhoff".

Eric Miederhoff  
Product Manager 31  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

<< Front Panel >>

**ACTIVE INGREDIENTS:**

Alkyl (50% C <sub>14</sub> , 40% C <sub>12</sub> , 10% C <sub>16</sub> ) dimethyl benzyl ammonium chloride . . . . .	0.8000%
Octyl decyl dimethyl ammonium chloride. . . . .	0.1250%
Dioctyl dimethyl ammonium chloride . . . . .	0.0625%
Didecyl dimethyl ammonium chloride . . . . .	0.0625%

<b>OTHER INGREDIENTS:</b> . . . . .	<u>98.9500%</u>
<b>TOTAL:</b> . . . . .	100.0000%

KEEP OUT OF REACH OF CHILDREN

**WARNING:** See [back] (side) panel for additional precautionary statements and first aid.

[NET CONTENTS:] 128 FL. OZ. (1 GAL.) 3.79 L

<< Front or Back Panel >>

EPA Reg. No.: 777-82  
EPA Est. No.: 777-MO-1 (Y) (YY)  
09019-OH-001 (Y) (YY)  
09019-OH-002 (Y) (YY)  
312-WI-1 (Y) (YY)

**(See bottom or side) (for Lot/Date code)**

(Beginning of) (batch) (lot) code indicates EPA (Est.) (Establishment) (#) (No.) (Number)  
See (batch) (lot) code for EPA (Est.) (Establishment) (#) (No.) (Number)

<< Back Panel >>

Questions? (Comments?) (Call:) 1-800-677-9218 (1-800-560-6619) (1-xxx-xxx-xxxx)  
For ingredient (and other) information, www.rbnainfo.com  
Distributed by: Reckitt Benckiser, Parsippany, NJ 07054(-xxxx)  
Made in U.S.A. © RB {year}  
Contains no phosphates  
This (bottle) (container) is made of x% post-consumer recycled plastic.



<< Back Panel – Optional text >>

Recycle Symbol  
(This product) meets the requirements of the OSHA Bloodborne Pathogen Standard for Decontamination

**NOTIFICATION**

777-82

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

11/29/2016

**NOTE:** Bracketed information is denoted as: << directive >>, { insert as noted }, ( optional text ), [ required qualifier ].  
The term "this product" used throughout this document may be replaced with the marketed product brand name.  
To use the term "germ" the product must be efficacious against 2 of the 3 major classes of organisms.  
The product label must identify the specific bacteria, virus, fungus & mold.  
The term ( x ) is a placeholder that represents a number between 1 and 99.  
The term "Y" is a place holder for a character A – Z.

<< Front or Back Panel - Marketing / Product Performance claims – use as bullet point or in paragraph format >>

(Cleans) (Disinfects) (Deodorizes) (Concentrated Cleaning Power) (Cuts Grease) (Fresh Pine Scent) (Lemon Scent)  
(Makes (Up to) X Gallons (for Cleaner)) (For Commercial Use)

Cleans and disinfects all washable non-porous surfaces.  
It cuts through grease and grime. Also kills odor-causing bacteria.  
Deodorizes with a pleasant fresh (lemon) (pine) scent.  
(This product) is recommended for use in kitchens, restrooms, storage and other areas.

Great for use on hard, non-porous (environmental) surfaces located in:

- Cafeteria
- Day Care Centers
- Hotels / Motels
- Kitchen
- Office Buildings
- Restaurants
- Restrooms
- [School] (College)

WHERE TO USE: (This product) cleans:

- Appliance exteriors
- [Bathtub] (Tub)
- Cabinets
- Chrome / Stainless Steel Fixtures
- Counters
- Diaper Pails
- Enamel
- Finished Woodwork
- Floors
- Garbage Cans
- Glazed Ceramic Tile
- Glazed Porcelain Tile
- Glazed Tile
- High chairs
- Non-medical Chrome / Stainless Steel
- Pet Areas
- Regular & No-wax Floors
- Sinks
- Showers
- Storage Areas
- Stove tops
- Tables
- [Toilet Bowls] [Urinals]
- Walls

Do not use full strength on acrylics or plastics. On painted surfaces, test a small inconspicuous area first.

For Use in {insert sites from list on page 5}

Disinfects Hard Non-Porous Surfaces {insert surfaces from list on page 5}

Kills odor-causing Bacteria

Kills 99.9% of bacteria in (90) seconds\*\*\*

Kills (99.9% of) bacteria and viruses\*\*

Kills: {insert organisms from list on page 5}

Kills(:) {insert organisms from list on page 5}

Germicidal\*\* Virucidal† Bactericidal\*

\*\* (This product) kills Enterococcus faecalis, Escherichia coli O157:H7, (Klebsiella pneumonia), Listeria monocytogenes, Pseudomonas putida, Salmonella enterica, Salmonella enteritidis, Staphylococcus aureus, Staphylococcus aureus MRSA Herpes Simplex Virus Type 1 & 2, Human Coronavirus, Human Immunodeficiency Virus Type 1 [AIDS Virus], Influenza A<sub>2</sub> Virus [Japan 305/57], Influenza A Virus [H1N1] (2009 Pandemic), Respiratory Syncytial Virus [RSV] on hard, non-porous (environmental) surfaces in 10 minutes.

\*\*\* Kills 99.9% of (Staphylococcus aureus) (and) (Klebsiella pneumonia) on hard, non-porous surfaces in 90 seconds.

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Kills (the following) (germs) (microorganisms):

**Bacteria**

- Enterococcus faecalis
- Escherichia coli O157:H7
- Listeria monocytogenes
- Pseudomonas putida
- Salmonella enterica
- Salmonella enteritidis
- Staphylococcus aureus
- Staphylococcus aureus MRSA

**Viruses**

- Herpes Simplex Virus Type 1 & 2
- Human Coronavirus
- Human Immunodeficiency Virus Type 1 [HIV-1 AIDS Virus]
- Influenza A<sub>2</sub> Virus [Japan 305/57]
- Influenza A Virus [H1N1] (2009 Pandemic)
- Respiratory Syncytial Virus

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

This product is not for use on critical & semi-critical medical devices or medical equipment surfaces.

**General Cleaning & Deodorizing:** Dilute ¼ cup [2 oz.] per gallon of warm water. Apply with a sponge, mop or coarse sprayer until surface is thoroughly wet. Then wipe surface clean. For heavily soiled surfaces, repeat until surface is clean. Prepare a fresh bucket of solution every time you clean or more often as needed.

**To Sanitize hard non-porous non-food contact surfaces:** Pre-clean surface. Dilute 1 cup [8 oz.] per gallon of water. Apply to surface until thoroughly wet. **To Disinfect hard non-porous surfaces:** Pre-clean surface. Dilute 1 cup [8 oz.] per ½ gallon of water. Apply to surface until thoroughly wet.

**To Sanitize hard non-porous non-food contact surfaces:** Leave for 90 seconds before wiping. **To Disinfect:** leave for 10 minutes before wiping. Rinse all food contact surfaces with clean (potable) water after use. Do not use on glasses, dishes or utensils.

**To Control (and Prevent) (the Growth of) Mildew:** Apply to pre-cleaned surface. Let surfaces remain wet for 3 minutes and then allow to air dry. Repeat application at weekly intervals or when mold and mildew growth appears. Dilute 1 cup [8 oz.] per ½ gallon of water.

**For Disinfecting Toilet Bowls:** Flush toilet bowl and then add 1 cup [8 oz.] full strength into the bowl water. Thoroughly brush all bowl surfaces and under the rim. Let stand (for at least) 10 minutes before flushing.

**KILLS HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 [HIV-1 AIDS Virus] ON PRE-CLEANED ENVIRONMENTAL SURFACES / OBJECTS PREVIOUSLY SOILED WITH BLOOD / BODY FLUIDS** in settings where there is an expected likelihood of soiling of inanimate surfaces / objects with blood / body fluids; and in which the surfaces / 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 [AIDS Virus] ON SURFACES / OBJECTS SOILED WITH BLOOD / BODY FLUIDS:**

**PERSONAL PROTECTION:** When handling items soiled with blood / body fluids, use disposable latex gloves, gowns, masks and eye protection.

**CLEANING PROCEDURES:** Blood / body fluids must be thoroughly cleaned from surfaces / objects before application of (this product).

**CONTACT TIME:** Allow surfaces / objects to remain wet for 10 minutes.

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

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**PRECAUTIONARY STATEMENT:** Hazards to Humans and Domestic Animals.

**WARNING:** Causes substantial but temporary eye injury. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Wear protective eyewear [goggles, face shield, safety glasses]. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

<b>FIRST AID</b>	
<b>If in Eyes</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a Poison Control Center or doctor for treatment advice.</li></ul>
<b>If on Skin or Clothing</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a Poison Control Center or doctor for treatment advice.</li></ul>
<b>CONTACT NUMBER</b>	
Questions? Comments or In case of an emergency call toll free (1-800-677-9218) (1-800-560-6619) (1-xxx-xxx-xxxx). Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.	

<< STORAGE & DISPOSAL – Commercial / Institutional / Industrial containers >>

#### **STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage and 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.

**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Triple rinse as follows: Fill container ¼ full with water and recap. Shake for 10 seconds. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure 2 more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

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<< This page is for information purposes only. >>

Disinfection - Hard non-porous surfaces

Bacteria:	Enterococcus faecalis	(ATCC # 828)
	Escherichia coli O157:H7	(ATCC # 43888)
	Listeria monocytogenes	(ATCC # 7644)
	Pseudomonas putida	(ATCC # 12633)
	Salmonella enterica	(ATCC # 10708)
	Salmonella enteritidis	(ATCC # 13076)
	Staphylococcus aureus	(ATCC # 6538)
	Staphylococcus aureus MRSA	(ATCC # 33592)
Viruses:	Herpes Simplex Virus Type 1	(ATCC # VR-733)
	Herpes Simplex Virus Type 2	(ATCC # VR-734)
	Human Coronavirus	(ATCC # VR-740)
	Human Immunodeficiency Virus Type 1	
	Influenza A <sub>2</sub> [Japan 305/57]	(ATCC # VR-100)
	Influenza A Virus [H1N1] (2009 Pandemic)	(CDC2009712192)
	Respiratory Syncytial Virus [RSV]	(ATCC # VR-26)
Fungi:	Aspergillus niger	(ATCC # 16404)

Non-Food Contact Sanitization

Bacteria:	Staphylococcus aureus	(ATCC # 6538)
	Klebsiella pneumonia	(ATCC # 4352)

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