

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Mr. Bruce Paolela
Reckitt Benkiser
1655 Valley Road
Wayne, NJ 07474-0943

AUG 22 2002

Subject: Qu-Sol Brand Disinfectant
EPA Registration No. 777-76
Amendment Date: June 27, 2002
EPA Receipt Date: July 1, 2002

Dear Mr. Paolella

The following amendment submitted in connection with registration under FIFRA, as amended, is acceptable with the conditions listed below.

- Updated label per Agency's letter dated June 21, 2002

Conditions

Revise the label as follows:

1. On page 1, Revise the last claim to read "*Removes odor causing bacteria in laundry.*" You must delete the term, "germs," and remove the parentheses around "bacteria."
2. On page 3, you need to tell your consumers when to add the clothes during the wash cycle since the product is not to be poured directly on fabric. The phrase, "*add clothes,*" should be placed in the directions before the last statement regarding heavily soiled items.
3. On page 4, the claim, "kills germs," is too broad. You will need to specify what type of germs this product mitigates; for example, laundry germs or use the double asterisk . Otherwise, you will have to either delete the claim or state "kills bacteria."

CONCURRENCES

MBOL								
RNAME								

- 4. On page 4, you need to revise the last two claims under the "hard non-porous surfaces inside washing machine" heading to read as follows:

"Kills bacteria such as Staphylococcus aureus, Enterococcus (Streptococcus) faecalis, Salmonella cholerasuis"

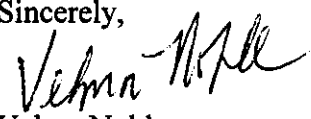
"Kills viruses such as Influenza A2/Japan/305/57, Herpes Simplex Type 1&2, Vaccinia, and Respiratory Syncytial Virus"

General Comments

A stamped copy of the labeling accepted with conditions is enclosed. Submit three (3) copies 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 Jacqueline McFarlane at (703) 308-6416.

Sincerely,



Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510C)

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Deodorizes

Disinfects (kills germs) (inside your washing machine)

Sanitizes Laundry

Cleans

Kills germs**

Kills Bacteria (Viruses) (Mold and Mildew) (fungi) (inside washing machine)

Kills 99.9% of bacteria in laundry when used in the rinse cycle*

Can also be used to kill bacteria, viruses and fungi on the interior hard non-porous surface of washing machines.

Works in all temperatures.

Will not harm washable fabrics.

Great for killing bacteria on colors or delicates without using hot water or bleach.

Leaves your wash smelling fresh and clean.

Removes odor-causing (germs) (bacteria) in laundry.

Active Ingredients:

Alkyl (50% C ₁₄ 40% C ₁₂ 10% C ₁₆) dimethyl benzyl ammonium chlorides	2.00%
Octyl decyl dimethyl ammonium chloride	1.50%
Didecyl dimethyl ammonium chloride	0.90%
Diocetyl dimethyl ammonium chloride	0.60%
Inert Ingredients	95.00%
Total	100.00%

Keep Out Of Reach Of Children

Danger: See Back (Side) Panel For Additional Precautionary Statements

- | | |
|---|------------------------------------|
| 5 fl. oz. (147 ml) | 64 fl. oz. (2 qts.) (1.89 liters) |
| 12 fl. oz. (354 ml) | 144 fl. oz. (4 qts. 16 oz.) |
| 17 fl. oz. (1 Pt. 1 oz.) (502 ml) | 22 fl. oz. (1 Pt. 6 oz.) (650 ml) |
| 24 fl. oz. (1 Pt. 8 oz.) (709 ml) | 32 fl. oz. (1 Qt) (946 ml) |
| 52 fl. oz. (1 qt. 20 oz.) | |
| 60 fl. oz. (1 qt. 28 oz.) (1.76 liters) | |

ACCEPTED
FOR COMMENTS
By EPA. Date: _____

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 777-76

Back Panel**Bathroom:**

Use Qu-Sol (this product) to disinfect and deodorize and controls the growth of mold and mildew on all hard non-porous bathroom fixtures (surfaces). Qu-Sol (This product) disinfects and deodorizes the toilet bowl and controls the growth (of)(mold and mildew), Trichophyton mentagrophytes (causes athletes foot fungus) when applied regularly to (shower walls) (stalls) glazed tile (floors) (in and around the shower area) and areas commonly contacted by bare feet.

Nursery:

In the baby's room, Qu-Sol (this product) cleans toys, hard non-porous surfaces of cribs and highchairs. Rinse surfaces with potable water after use. Qu-Sol (this product) (product name) disinfects and deodorizes diaper pails. See Directions for Use for recommended dilution.

All Around the House:

Use Qu-Sol (this product) as recommended, to clean and deodorize your entire house; kitchen floors, walls, finished woodwork. Controls the growth of mold and mildew in basements, closets, storage Areas or similar damp or musty places. Repeat application as necessary.

Use On:

Kitchen floors, walls, finished woodwork, baby's room, sickrooms, glazed porcelain (tile), linoleum. Bathrooms, finished tile floors, garbage cans, diaper pails, storage areas and pet areas.

Kills Household Germs:

Qu-Sol (this product) (product name) is a Hospital type disinfectant. It is a convenient and effective way to kill a wide variety of microorganisms including bacteria that cause odors.

On hard non-porous environmental surfaces Qu-Sol (product name) (this product):

Kills mold and mildew and the odors they cause. Inhibits re-growth.

Kills both gram-positive and gram-negative bacteria including Pseudomonas aeruginosa.

**Kills Staphylococcus aureus, Enterococcus (Streptococcus) faecalis and Salmonella choleraesuis bacteria.

**Kills viruses such as Influenza A₂ / Japan / 305/ 57, Herpes Simplex type 1 & 2, Vaccinia and Respiratory Syncytial Virus.

Controls cross contamination of hard non-porous (treated) surfaces.

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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.*

To Open Child Resistant Cap: Place bottle on a flat horizontal surface. With one hand, while Pushing down, turn cap counter-clock-wise. **Avoid squeezing bottle when opening.** To reseal Twist cap until tightly locked.

To disinfect/clean/deodorize: Pre-cleaning is required for heavily soiled areas. Add (Mix) 1 ¼ oz. (2 ½ tbsp.) to one gallon of water and apply with a sponge or mop wetting all surfaces thoroughly. Let stand 10 minutes, then wipe away excess. Prepare a fresh bucket of solution every time you clean Or more often if necessary.

To clean/disinfect toilet bowls: Flush first. Add 1 (2 tbsp.) to bowl water. Brush (Swab) all surfaces of bowl including under the rim with a toilet brush or toilet mop. Let stand 10 minutes, then flush.

To Sanitize Laundry During Wash Cycle: Fill the washer with water and add one cup (8 oz.) of Qu-Sol (this product) to the wash cycle. Let washer agitate for one minute before adding laundry detergent. Rinse Heavily soiled items (such as diapers) before washing.

To disinfect/deodorize inside of washing machine:

First remove heavy soil from empty machine, (then) add 2 oz. to one-gallon water and apply solution with sponge wetting all surfaces thoroughly. Let stand 10 minutes, then wipe away excess (or) (add 2 oz. of product for each gallon of water (consult machine operating manual for fill levels) let stand 10 minutes in washing machine drum then drain away).

To Control Mold and Mildew: Pre-clean hard non-porous surfaces. Add 1 ¼ (2 ½ tbsp.) to one gallon of water and apply with sponge (or) (mop) wetting surfaces thoroughly. Let air dry. Repeat application at weekly intervals or when mildew growth appears.

Laundry Rinse Sanitizer Product

Where to Use:

(Product Name) is recommended for your entire wash. It will reduce (odor causing) bacteria by 99.9% to leave your (laundry)(wash) sanitized and smelling fresh and clean. (Ideal for) (Use) every time you wash underwear, T-shirts, washcloths, bed linens and socks.

*Kills 99.9% of (odor causing) bacteria such as Staphylococcus aureus and Klebsiella pneumoniae.

To Sanitize Laundry during rinse cycle:

Sanitize your laundry by filling the washer with water and adding one cup or 8 oz. to the final rinse water or (into fabric softener drawer or dispenser). Do not pour directly on fabric. Stop machine and allow laundry to soak in rinse water for 10 minutes.

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- Removes/Kills germs on hard non-porous surfaces from your laundry machine
- Kills bacteria, viruses and fungi on hard non-porous surfaces inside your washing machine.

For Hard Non-Porous Surfaces Inside Washing Machine:

Use (product name) to kill germs on hard non-porous surfaces like the inside of your washing machine. On hard non-porous environmental surfaces (product name):

- Kills mold and mildew and the odors they cause, inhibits re-growth.
- Kills both gram-positive and gram-negative bacteria including Pseudomonas aeruginosa.
- **Kills illness-causing bacteria such as Staphylococcus aureus, Enterococcus (Streptococcus) faecalis. Salmonella choleraesuis.
- **Kills viruses such as Influenza A2/Japan/305/57, Herpes Simplex Type 1 & 2, Vaccinia and Respiratory Syncytial virus and reduces the potential of cross contamination from treated surfaces.

DO NOT POUR DIRECTLY ON CLOTHING
DO NOT USE WITH CHLORINE BLEACH

Precautionary Statements: Hazards to Humans and Domestic Animals

Danger: Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles or face shield), rubber gloves and protective clothing. Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

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FIRST AID	
If in eyes	<p>Hold eye open and rinse slowly and gently With water for 15-20 minutes.</p> <p>Remove contact lenses, if present, after the first 5 minutes then continue rinsing eye.</p> <p>Call a poison control center or doctor for Treatment advice.</p>
If on skin or clothing	<p>Remove contaminated clothing.</p> <p>Rinse skin immediately with plenty of water for 15 -20 minutes.</p> <p>Call a poison control center or doctor for Treatment advice.</p>
If swallowed	<p>Call poison control center or doctor Immediately for treatment advice.</p> <p>Have person sip a glass of water if able to Swallow.</p> <p>Do not induce vomiting unless told to do so by the Control center or doctor.</p> <p>Do not give anything by mouth to an Unconscious person.</p>
<p>Have product container or label with you when calling a poison control center, doctor, or going For treatment.</p>	
Note to Physician	
<p>Probable mucosal damage may contraindicate the use of gastric lavage</p>	

Storage and Disposal:

Store in original container in areas inaccessible to small children. Do not reuse empty container. Rinse bottle and put in trash.

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Questions? Comments?

Call 1-800-228-4722 or visit us at www.Lysol.com/info

EPA Reg. No. 777-76

EPA Est. No. 777-NJ-2, 8791-MO-1, 66256-CN-1, 475-MS-1

Reckitt Benckiser Inc.

1655 Valley Road

Wayne, New Jersey 07474-0945

2002RB

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