

4822-484

1/3/2005

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JAN 3 2005

Dr. W. A. Hawkins
S.C. Johnson & Son, Inc
1525 Howe Street
Racine, WI 53403

Subject: BD1
EPA Registration No. 4822-484
Amendment Date: October 1, 2004
EPA Receipt Date: October 4, 2004

Dear Dr. Hawkins,

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

- Change active ingredient name, increase contact time for residual antibacterial control, update organism nomenclature, and add marketing claims

Conditions

Revise the label as follows:

On page 3, Qualify fiberglass as a hard nonporous surface by specifying what object(s) made of fiberglass will be treated or delete the material from the label.

General Comments

A stamped label accepted with conditions is enclosed for your records. Submit one (1) copy of the final printed label before distributing or selling the product bearing the revised labeling.

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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Should you have any questions regarding this letter, please contact Jacqueline McFarlane at (703) 308-6416.

Sincerely,



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

Enclosure: Stamped label

BD1
S.C. Johnson (A Family Company)

Disinfectant (Antibacterial) (Kitchen) (Basin, Tub & Tile) (Bathroom) (Household) Cleaner
Multi-purpose Disinfectant (Antibacterial) Cleaner

(Unscented) (Country Garden) (Original Scent) (RainShower Fresh) (Mountain Breeze) (Spring Fresh) (Lemon) (Pine) (Citrus)

Active Ingredients

n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride . .	0.11%
n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	0.11%
octadecylaminodimethyltrihydroxysilyl propyl ammonium chloride	0.11%
Inert Ingredients	99.67%

KEEP OUT OF REACH OF CHILDREN
CAUTION: See additional precautionary statements on back label

Net Contents:

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

Marketing claims:

X (%) (oz.) (more) (free) (!)
X oz. at the X oz. price!

JAN 3 2005
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 4822-484

Cleaning claims:

Cleans most (kitchen) (bathroom) (and) (household) surfaces.
Leaves your surface(s) (shiny) (and) (clean)
No sticky residue
Removes soap scum

Non-public health claims:

(Reduces) (Controls) the growth of odor causing bacteria (on (kitchen) (bathroom) (and) (household) surfaces).
(Reduces) (Controls) the growth of odor causing bacteria (on (kitchen) (bathroom) (and) (household) surfaces) for 14 days.

Disinfecting/Antibacterial/Mold & Mildew Control claims:

(Reduces) (Controls) (Eliminates) (Kills) many household germs* (on (kitchen) (bathroom) (and) (household) surfaces).
(Reduces) (Controls) (Eliminates) (Kills) many bacteria* (on (kitchen) (bathroom) (and) (household) surfaces).

BD1 stops many household germs* (on (kitchen) (bathroom) (and) (household) surfaces).
 BD1 stops many bacteria* (on (kitchen) (bathroom) (and) (household) surfaces).
 Gives treated surfaces effective protection against many household germs*.
 Gives treated surfaces effective protection against many bacteria*.
 Gives treated surfaces effective protection against many household germs* and many bacteria.
 Inhibits many household germs*.
 Inhibits many bacteria growth*.
 Inhibits many household germs* and many bacteria growth.
 Provides effective protection against many household germs*.
 Kills many household germs* in just one minute.
 Kills many bacteria* in just one minute.
 Kills many household germs* and many bacteria in just one minute.
 Kills many household germs*, many bacteria and mold and mildew.
 Kills many household germs*, many bacteria, mold and mildew and *Trichophyton mentagrophytes*, the fungus that causes athlete's foot.
 (Kills) (Eliminates) the source of odors on treated surfaces (in the kitchen) (in the bathroom) (in the home) (- many household germs*, many bacteria and mildew).
 Provides effective protection against mold, mildew and many household germs*.

NOTE TO REVIEWER - If any of the above 18 claims are used on the label, they will be footnoted on the back label as follows:

**Staphylococcus aureus* (Staph), *Enterococcus (Streptococcus) faecalis* (Strep), *Escherichia coli* (E. coli), *Salmonella choleraesuis* (Salmonella)

(Kills) (Eliminates) (Controls) mold (on (kitchen) (bathroom) (and) (household) surfaces).
 (Kills) (Eliminates) (Controls) (smelly) mildew (on (kitchen) (bathroom) (and) (household) surfaces).
 (Kills) (Eliminates) (Controls) mold and mildew (on (kitchen) (bathroom) (and) (household) surfaces).
 Helps eliminate (smelly) mildew that can grow in even the cleanest homes.
 Provides effective protection against (mold) (and) (mildew).

Antibacterial

Antibacterial activity

Bacteriostatic

Bactericidal

Fungistatic

Fungicidal

Mildewstatic

Virucidal

Kills Herpes Simplex I

Kills Herpes Simplex II

Kills Herpes Simplex I and Herpes Simplex II

Kills *Trichophyton mentagrophytes*, the fungus that causes athlete's foot

BD1 cleans and disinfects.

Disinfects as it cleans.

Disinfects and deodorizes.

Cleans, shines, and disinfects washable (kitchen) (and) (bathroom) surfaces and fixtures around the home.

RESIDUAL Sanitizing/Antibacterial/Mold & Mildew Control claims:

14 day antibacterial activity† (in bathrooms) between cleanings.

BDI stops many bacteria† from coming back (in bathrooms) between cleanings for 14 days.

Residual self-sanitizing against many bacteria† (in bathrooms) between cleanings for 14 days.

1. NOTE TO REVIEWER - *If any of the above 3 claims are used on the label, they will be footnoted on the back label as follows:*

† *Staphylococcus aureus* (Staph), *Escherichia coli* (E. coli), *Klebsiella pneumoniae* (Klebsiella)

2. NOTE TO REVIEWER – *For the above 3 claims, “in bathrooms” is OPTIONAL language on products labeled solely for use in bathrooms; “in bathrooms” is REQUIRED language on all-purpose products (i.e., labeled for use in kitchens, bathrooms, etc.).*

(Kills) (Eliminates) mold and prevents it from re-growing (in bathrooms) between cleanings for 14 days.

(Kills) (Eliminates) mildew and prevents it from re-growing (in bathrooms) between cleanings for 14 days.

(Kills) (Eliminates) mold and mildew and prevents them from re-growing (in bathrooms) between cleanings for 14 days.

Prevents (re-growth) (return) of mold (in bathrooms) between cleanings for 14 days.

Prevents (re-growth) (return) of mildew (in bathrooms) between cleanings for 14 days.

Prevents (re-growth) (return) of mold and mildew (in bathrooms) between cleanings for 14 days.

NOTE TO REVIEWER - *For the above 6 claims, “in bathrooms” is OPTIONAL language on products labeled solely for use in bathrooms; “in bathrooms” is REQUIRED language on all-purpose products (i.e., labeled for use in kitchens, bathrooms, etc.).*

(For use on) (Cleans):	Tubs (and glazed tile)	Vanity tops	Exterior Toilet Surfaces
	Chrome	Shower curtains	Bathroom Surfaces
	Sinks	Appliance exteriors	Household surfaces
	Counter (tops)	Hard surfaces	Floors
	Cabinets	Washable walls	Garbage cans
	Shower (stalls) (areas)	Kitchen surfaces	Finished kitchen sills
	Refrigerator exteriors	Stove tops	Stove (oven) exteriors
	Finished window sills	Toilet seats	

Effective on modern washable surfaces like fiberglass, glazed porcelain, Formica^{®*}, stainless steel, synthetic marble, glazed tile, plastic and vinyl.

For other surfaces, spot test in an inconspicuous area
 Contains no abrasives, harsh acid or bleach
 Won't scratch
 Non-abrasive and contains no bleach
 No harsh fumes
 Bleach-free (formula)
 No harsh chemical odor
 For best results on cleaning tough soils, allow product to remain on surface longer.
 Save money by buying our refill size
 45% More Free!
 32 oz at the 22 oz price

Patented formulation
 US Patent 5,411,585

*Formica® is a registered trademark of Formica Corp.

Important facts: Recyclable packaging
 (Contains) no phosphates
 Phosphate free
 Bottle is made of (at least) 25% post-consumer recycled plastic

DIRECTIONS FOR USE

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

TO CLEAN:

Spray 6-8" from surface to be cleaned. Allow (foam) (product) to penetrate (soiled area) (soap scum), (dirt), (and stains). Wipe with wet cloth or sponge. No need to wipe dry. On chrome, rinse with water.

TO CONTROL MOLD AND MILDEW:

Spray hard, non-porous surface until thoroughly wet. Leave for at least 1 minute before wiping. Reapply as new growth appears.

FOR RESIDUAL MOLD AND MILDEW CONTROL:

First, clean hard surface according to "TO CLEAN" directions. Then spray hard surfaces thoroughly. Reapply at least every two weeks or as hard surfaces become heavily soiled. For best residual results, start using on hard surfaces that are free of visible mold and mildew stains. This product is residually effective between cleanings for 14 days on hard, inanimate, environmental bathroom surfaces such as shower stalls, tubs and sinks.

FOR RESIDUAL ANTIBACTERIAL CONTROL:

First clean hard surface according to "TO CLEAN" directions. Then spray hard surfaces thoroughly. Leave for at least 10 minutes before wiping. Reapply at least every two weeks or as

hard surfaces become heavily soiled. This product is residually effective between cleanings for 14 days on hard, inanimate, environmental bathroom surfaces such as shower stalls, tubs and sinks.

TO DISINFECT:

Spray hard, non-porous surface until thoroughly wet. Leave for at least 1 minute before wiping. For heavily soiled hard, non-porous surfaces, first clean surface according to "TO CLEAN" directions.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Causes eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin, and clothing. Wash hands thoroughly with soap and water after use.

FIRST AID:

IF IN EYES:

- 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:

- 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.

-Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

STORAGE & DISPOSAL:

STORAGE: Store in a cool, dry area inaccessible to children.

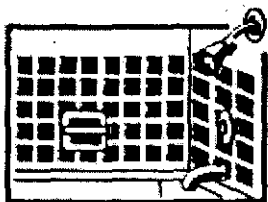
DISPOSAL: Do not reuse empty container (except when using refill pack). To discard empty container wrap container and put in trash.

Questions? Comments? Call 800-558-5252 or write Helen Johnson
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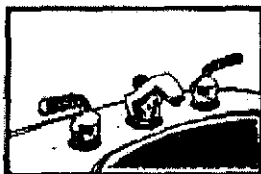
EPA Reg. No. 4822-484
EPA Est. No. 4822-WI-1

[EPA stamped accepted label dated October 10, 2002]

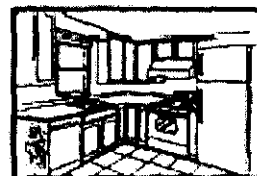
Optional Pictograms
BD1 (EPA Reg. No. 4822-484)



TUB AND SHOWER AREAS



SINKS AND CHROME



KITCHEN AREAS