

4822-484

10/10/2002

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Ms. Kelly Rahn
S.C. Johnson & Son, Inc.
1525 Howe St.
Racine, WI 53403

OCT 10 2002

Subject: BD-1
EPA Registration No. 4822-484
Amendment Date: July 12, 2002
EPA Receipt Date: July 15, 2002

Dear Ms. Rahn,

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

- Update First Aid Statements per PR Notice 2001-1

Conditions

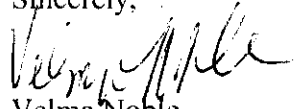
Delete "New" from the label. This term was previously allowed (2000) for a period of six months.

General Comments

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

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

APPLIED MICROBIALS DIVISION (7510C)
CONCURRENCES

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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BD1
S.C. Johnson (A Family Company)

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

NEW

(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%
3-(trimethoxysilyl) propyldimethyloctadecyl ammonium chloride 0.11%

INERT INGREDIENTS 99.67%

KEEP OUT OF REACH OF CHILDREN

CAUTION: See additional precautionary statements on back label

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 10 2002

Net Contents:

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

Cleaning claims:

BD1 cleans most (kitchen) (bathroom) (and) (household) surfaces.

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).

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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), *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.

ACCEPTED FOR EXAMINATION
in EPA Letter Dated:

OCT 10 2002

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered under EPA Reg. No. 4822-484

RESIDUAL Sanitizing/Antibacterial/Mold & Mildew Control claims:

- 14 day antibacterial activity† [in bathrooms] between cleanings.
- BD1 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 pneumonia* (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	Household surfaces
	Chrome	Shower curtains	Floors
	Sinks	Appliance exteriors	Garbage cans
	Counter (tops)	Hard surfaces	Finished kitchen sills
	Cabinets	Washable walls	Stove (oven) exteriors
	Shower (stalls) (areas)	Kitchen surfaces	

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Refrigerator exteriors
Finished window sills

Stove tops
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

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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 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 1 minute 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: Flush with plenty of water. If irritation persists, get medical attention.~~

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~~If on skin: Wash promptly with plenty of soap and water. Get medical attention.~~

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 Est. No. 4822-WI-1

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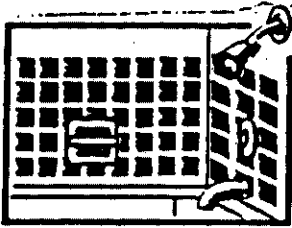
Under the Federal Insecticide,
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ACCEPTED
with COMMENTS
in [unclear]

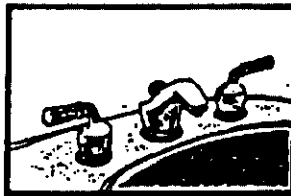
OCT 10 2002

Under the [unclear]
Fidelity [unclear]
amount [unclear]
registered [unclear]

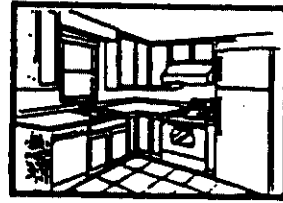
4822-484



TUB AND SHOWER AREAS



SINKS AND CHROME



KITCHEN AREAS