

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 19 2000

S.C. Johnson Commercial Markets, Inc.
8310 16th Street, MS 675
Sturtevant, WI 53177-0902

ATTENTION: Ronald L. Derbyshire

SUBJECT: NADBC-101
EPA Registration Number 70627-3
Your Amendment Dated: November 22, 1999
EPA Received Date: November 26, 1999

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

A. Revise the second section on page two to state: "glazed tiles," "glazed ceramic," and "glazed porcelain."

B. Revise the first statement of the directions "For use as a Non-Acid Cleaner/Disinfectant for Urinals:" as follows: "Remove gross filth and heavy soil deposits if present. Then apply product directly to urinal surfaces including water outlet areas for general cleaning."

C. Revise the heading on page two as follows: "One-Step Disinfecting Ceramic Tile, Porcelain, Shower Walls, Floors and Other Hard Non-Porous Inanimate Bathroom Surfaces:"

D. Add the following statement to the end of the directions "For General Deodorizing and Cleaning:" "Apply use solution to surfaces or let air dry."

SYMBOL	7510C							
SURNAME	3785							
DATE	5/18/00							

E. Revise the directions "To Control Mold and Mildew" as follows: "Apply *at full strength* to hard non-porous surfaces."

F. Delete the claims for "Streptococcus pneumoniae (ATCC 51915)(resistant to Penicillin [PRSP])" and "Escherichia coli 0157:H7, (ATCC 47041)(Tetracycline resistant)" from the label and reference sheet. In order to support claims for these two organisms on your label you must provide data that demonstrates the antibiotic resistance level of these strains. When this data is submitted it must be accompanied by Data Matrixes (public and internal use) and a Data Compensation form since you must cite the data which has already been reviewed in order to add these organisms to your label.

G. Revise your claim for "Salmonella schottmuelleri (ATCC 10719)" to read as follows: "*Salmonella choleraesuis (ATCC 10719) (formerly Salmonella schottmuelleri).*" Make this same correction to the reference sheet.

Chemistry Data

The submitted Storage/Stability Characteristics study (MRID# 44981801) is acceptable and satisfies Guidelines 63-17 and 63-20.

Data Matrix

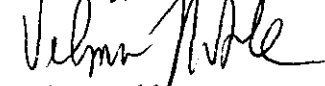
The submitted Data Matrix (Agency Internal Use Copy) included some typographical errors. The following revision has been made to the matrix in the Agency files and must be corrected on the matrix in your files. The MRID# for guidelines 63-12, 63-13, 63-14, 63-15, 63-16, 63-18, 63-19, and 63-21 is 44517202.

3. Submit two (2) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, this registration will be subject to cancellation in accordance with FIFRA sec. 6 (e). Your release for shipment of this product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records. Should you have any questions concerning this letter please contact Tracy Lantz at (703) 308-6415.

Sincerely,



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

Enclosure: Stamped Label

CONCURRENCES

SYMBOL	7510C:T.Lantz:5/18/00:70627-3e						
SURNAME							
DATE							

(Note to Agency: Text appearing in parenthesis or brackets is done to show optional text.)



NADBC-101

Non-Acid Bowl & Bathroom Disinfectant Cleaner

Ready-To-Use (RTU)

Cleans, Disinfects and Deodorizes In One Step; Will not (Won't) Scratch or Dull Surfaces; Leaves (Toilet) Bowls Sparkling (Clean); Leaves (Bathroom) Surfaces (Sparkling) Clean (and Fresh); Cleans Without (Harmful) (Acids) (Abrasives) Fumes; Contains No Abrasives (Non-Abrasive (Formula)); Fresh (Pleasant) Fragrance (Scent); Neutralizes Odors (At Their Source); For Effective Daily Maintenance of Restroom Surfaces.

ACTIVE INGREDIENTS:

n-Alkyl (C ₁₄ 60%; C ₁₆ 30%; C ₁₂ 5%; C ₁₈ 5%) dimethyl benzyl ammonium chloride.....	0.106%
n-Alkyl (C ₁₂ 68%; C ₁₄ 32%) dimethyl ethylbenzyl ammonium chloride.....	0.106%
INERT INGREDIENTS:	<u>99.788%</u>
TOTAL	100.000%

KEEP OUT OF REACH OF CHILDREN

CAUTION: ADVERTENCIA:

See directions and additional precautionary statements on back (side) (left) (right) (panel) label (below)

For (Hospital) (Foodservice) (Food Plant) (Commercial) Industrial & Institutional Use.

Specifically formulated for (sale to,) (use,) (and) (storage) by service persons (food service operators).

Bactericidal • Virucidal* • Deodorizes (Odor Counteractant) (Odor Neutralizer) • Pseudomonacidal • Staphylocidal • Salmonellacidal

See reference sheet (enclosed in each case) for a complete list of pathogenic organisms eliminated by NADBC-101 (this product).

pH = _____

Net Contents: xx fl. oz. to xxx Gallons

ACCEPTED
with COMMENTS
in EPA Letter Dated:
MAY 19 2000

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 70627-3

(Note to Agency: Text appearing in parenthesis or brackets is done to show optional text.)

(Features, Claims and Uses)

(Features:) NADBC-101 is formulated to be an essential part of your daily restroom maintenance program because it combines effective pH neutral cleaning, germ-killing efficacy and consistent odor neutralizing - all in one product. Its convenient ready-to-use formulation requires no pre-mixing (diluting). It is recommended for use in schools, universities, hospitals, nursing homes, industrial and manufacturing facilities, office buildings, food processing plants, restaurants, government facilities, retail outlets, supermarkets and any commercial facilities with public restrooms.

It cleans, disinfects and deodorizes toilet bowls, urinals and other bathroom fixtures in one easy step. It stops odors right at their source by killing odor-causing bacteria. Use it (daily) on all hard non-porous inanimate surfaces such as toilet bowls, urinals, bowls, rims, sinks, sink basins, faucets, tubs, tiles, ceramic, porcelain, chrome, stainless steel - especially where odors are a problem. NADBC-101 can be applied directly on the surface using the (convenient) flip top bottle, by hand pump trigger sprayer, or with a cloth, sponge or bowl mop. It contains no abrasives. (This product can be used in Federally Inspected Meat and Poultry Facilities.)

To Refill Product from Large Containers into Smaller Containers: NADBC-101 may be used to fill and refill clean, properly labelled application containers:

1. Make sure the small ready-to-use container has been cleaned, dried and is properly labelled. Also make sure other items (such as trigger spray tubes and heads, and funnels) are also properly cleaned and dried as well.
2. Simply pour from the larger container directly into the smaller being careful not to spill any product. No mixing is necessary.
3. Keep containers sealed when not in use.

DIRECTIONS FOR USE:

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

ACCEPTED
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in EPA Letter Dated:

For use as a One-Step Non-Acid Bowl Cleaner/Disinfectant for Toilet Bowls:

1. Remove gross filth and heavy soil deposits.
2. With swab applicator, remove water from bowl by forcing water over trap.
3. Press swab applicator against side of bowl to remove excess water.
4. Apply 1 oz. of NADBC-101 to swab applicator, cloth, mop, sponge or directly to surface.
5. Swab entire surface area especially under the rim.
6. Allow entire surface to remain wet for ten (10) minutes.
7. Flush toilet and rinse swab applicator thoroughly.

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For use as a Non-Acid Cleaner/Disinfectant for Urinals:

1. Apply product directly to urinal surfaces including water outlets areas for general cleaning.
2. Then pour an additional 1 oz. of product on applicator.
3. Clean entire unit especially under the rim at water outlets with applicator.
4. Remove screen trap to deodorize drain and apply 1 oz. directly on edge and into drain.
5. Wait 10 minutes, flush and rinse applicator.

One-Step Disinfecting Ceramic Tile, Porcelain, Shower Walls, Floors and Other Hard Non-Porous Inanimate Surfaces:

1. To disinfect hard non-porous inanimate surfaces, use full strength.
2. Apply product with a cloth, sponge, sprayer or mop. Treated surfaces must remain wet for 10 minutes.
3. Rinse thoroughly. Pre-cleaning is required for heavily soiled surfaces.

For General Deodorizing and Cleaning: Dilute product 1:10 (12 oz./gal of water) for general deodorizing and cleaning of hard non-porous inanimate bathroom surfaces.

To Control Mold and Mildew: Apply to hard non-porous inanimate surfaces. Allow to air dry. Repeat application weekly or when growth reappears.

(Note to Agency: Text appearing in parenthesis or brackets is done to show optional text.)

*** (EFFECTIVE AGAINST HIV-1 (AIDS VIRUS):** This product was evaluated and found to be an effective virucide in the presence of 10% serum against the virus HIV-1 (AIDS Virus) on hard non-porous surfaces.) **KILLS HIV-1 ON PRE-CLEANED ENVIRONMENTAL SURFACES/ OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings or other settings where there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (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: Disposable latex or vinyl gloves, gowns, face masks, or eye coverings as appropriate, must be worn during all cleaning of body fluids, blood, and decontamination procedures.

Cleaning Procedures: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of disinfectant.

Contact Time: For HIV-1 allow surface to remain wet for 1 minute. Allow 10 minutes for the other organisms listed on this label.

Disposal of Infectious Materials: Blood and other body fluids should be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

(Claims:) NADBC-101 is an effective germicide and disinfectant, (containing 2120 ppm of active quaternary germicides, making it) effective against a wide spectrum of microorganisms. Using EPA-approved test methods for germicides (under Good Laboratory Practices [GLPs]), in 10% serum and a 10 minute contact time, unless otherwise noted, NADBC-101 kills the following:

Bacteria (Bactericidal Activity) - kills on hard non-porous inanimate surfaces:

- | | | |
|---|---|---|
| <i>Pseudomonas aeruginosa</i> , (ATCC 15442) | <i>Escherichia coli</i> 0157:H7, (ATCC 43890) | <i>Salmonella schottmuelleri</i> , (ATCC 10719) |
| <i>Staphylococcus aureus</i> , (ATCC 6538) | <i>Klebsiella pneumoniae</i> , (ATCC 13883) | <i>Salmonella typhi</i> , (ATCC 6539) |
| <i>Salmonella choleraesuis</i> , (ATCC 10708) | <i>Listeria monocytogenes</i> , (ATCC 15313) | <i>Shigella sonnei</i> , (ATCC 25931) |
| <i>Campylobacter fetus</i> , (ATCC 27374) | <i>Micrococcus sedentarius</i> , (ATCC 27573) | <i>Shigella dysenteriae</i> , (ATCC 13313) |
| <i>Enterobacter aerogenes</i> , (ATCC 13048) | <i>Proteus mirabilis</i> , (ATCC 9240) | <i>Staphylococcus species</i> , (ATCC 12715) |
| <i>Escherichia coli</i> , (ATCC 11229) | | |

) Antibiotic-Resistant (Strains of) Bacteria (Antibiotic-Resistant Bactericidal Activity) – kills on hard non-porous inanimate surfaces:

- | | | |
|--|--|--|
| <i>Enterococcus faecalis</i> , (ATCC 51299)
(resistant to Vancomycin [VRE]) | <i>Staphylococcus aureus</i> , (ATCC 33591) (resistant to
Methicillin [MRSA]) | <i>Streptococcus pneumoniae</i> , (ATCC 51915)
(resistant to Penicillin [PRSP]) |
| <i>Escherichia coli</i> 0157:H7, (ATCC 47041)
(Tetracycline resistant) | | |

Viruses (*Virucidal Activity) – kills on hard non-porous inanimate surfaces:

- | | |
|--|---|
| <i>HIV-1 (AIDS virus)**</i> , (HTLV-III _B) | <i>Herpes simplex Type 2</i> , (VR-734) |
| <i>Herpes simplex Type 1</i> , (VR-733) | <i>Influenza Type A₂</i> (Hong Kong), (VR-544) |

Mold/Mildew (Mildewstatic Activity) - controls and prevents (inhibits) the growth of mold and mildew; *Aspergillus niger* (ATCC 16404) (and the odors caused by them when applied to hard non-porous inanimate surfaces.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

**Tests performed using 1 minute contact time.

MAY 19 2000

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 70627-3

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Malodor(s) (Activity) (Counteractancy) – eliminates (destroys) odors and odor-causing bacteria in restroom areas, behind and under sinks and counters, garbage cans and storage areas (and other places where bacterial growth can cause malodors).

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store in a cool, dry area inaccessible to children.

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

(Plastic Containers A - for more than 1 gallon sizes:) Triple rinse (or equivalent). Then 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.

(Plastic Containers B - for 1 gallon or less sizes:) Wrap container and put in trash. Do not reuse empty container except to refill with NADBC-101.

KEEP FROM FREEZING.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS (For containers 5 gallons and larger)

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 agency 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.

FIRST AID:

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

ADVERTENCIA:

Si no puede leer en ingles, pregunte a su supervisor por el modo de empleo apropiado antes trabajar con este producto.

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HAZARD RATING/CLASIFICACION EN CUANTO AL PELIGRO:

4=Very High

3=High

2=Moderate

1=Slight

0=Insignificant

HMIS	NFPA	
1	1	Health/Salud
0	0	Flammability/Inflamabilidad
0	0	Reactivity/Reactividad

4=Muy Alto

3=Alto

2=Moderado

1=Bajo

0=Insignificante

Questions? Comments:

1-800-558-2332 / www.scjprofessional.com

EPA Reg. No. 70627-3

EPA Est. No. _____

(Lot number suffix (A) or (B) indicates appropriate establishment number.)

(MSDS Ref. No.xxxxxxxxxx)

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NADBC-101 REFERENCE SHEET

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**Tests performed using 1 minute contact time.

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Questions? Comments:

Call 800-558-2332 Weekdays 8-5 Central Time (or) Write Customer Service Department, SC Johnson Professional, P.O. Box 902, Sturtevant WI 53177-0902.

EPA Reg. No. 70627-3 EPA Est. No.

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