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PM 31
43064-5

Airke Professional Products
Division of Ecolab, Inc.
Ecolab Center
St. Paul, MN 55102



FEB - 6 1989

Attention: Ann M. Oxford

Gentlemen:

Subject: A-33
EPA Registration No. 42954-5
Your Amended Application Dated December 14, 1987

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling.
 - a. Refer to the enclosed Efficacy Evaluation and Technical Efficacy Review - II, and revise your labeling in accordance with the labeling comments outlined there.
 - b. Refer to the enclosed document "Label Requirements for Antimicrobial Pesticides Used on Hard Surfaces Against HIV-1 (AIDS Virus)" for EPA's current labeling policy for efficacy claims. Your labeling must be revised in accordance with the requirements outlined in this policy notice.
 - c. Your storage and disposal section must contain pesticide disposal instructions. Refer to PR Notices 83-3 and 84-1 for appropriate pesticide disposal instructions and for appropriate storage and disposal instructions for container sizes greater than 1 gallon.
 - d. Revise "Mantengase del alcance . . ." to read "Mantengase fuera del alcance . . ." ["Keep in the reach of" to "Keep away from the reach of"].

50396:I:Lee:LL-07:KENCO:12/21/88:02/06/89:aw:EK:CT:

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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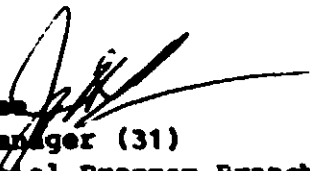
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- e. Change "duros" to duras."
 - f. Change "solidos" to "solidas," and "sucios" to "sucias."
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,


John H. Lee
Product Manager (31)
Antimicrobial Program Branch
Registration Division (TS-767C)

Enclosures



A product of Ecolab Inc

HEAVY DUTY DETERGENT/DISINFECTANT-ODOR COUNTERACTANT FOR HOSPITAL AND INSTITUTIONAL USE

Active Ingredients: 30% Ca, 5% Cl, 5% Cu
Inert Ingredients: 31%
97%

ACCEPTED with COMMENTS in EPA Letter Dated: [redacted]

FEB - 6 1989

Keep Out Of Reach Of Children
WARNING

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 42964-5

Net Contents: One Gallon



EPA Reg. No. 42964-5
EPA Est. No. 1677R-2
EPA Est. No. 1677R-1



A-33 was tested according to A.O.A.C. (13th ed.) Use Dilution procedure at 1:64 against the following organisms in the presence of protein (5% blood serum)

Staphylococcus aureus	AICC #6538	Serratia marcescens	AICC #9301
Salmonella choleraesuis	AICC #10768	Shigella flexneri	AICC #25929
Pseudomonas aeruginosa	AICC #15442	Klebsiella pneumoniae	AICC #13883
Proteus mirabilis	AICC #1301	Aspergillus niger (milkew)	AICC #6275
Candida albicans	AICC #11229	Candida albicans	AICC #1801

As a Fungicide at 1:64 Plus Trichophyton mentagrophytes (Athlete's foot fungus) in the presence of protein (5% blood serum) when tested according to A.O.A.C. (13th ed.) fungicidal test.

As a Mouldicide at 1:64 Plus Aspergillus niger which causes "Black Mould" on contact on environmental surfaces.

As a Virucide at 1:64 Plus Influenza A₁ (Aichi), Parainfluenza I (Sendai), Canine distemper, Feline pneumonitis, Herpes simplex I and II and Vaccinia viruses in the presence of protein (5% blood serum).

As a Fungicidal: Apply use dilution (1:64) to pre-cleaned hard nonporous surface. Wet surface thoroughly. If not washed or rinsed off, it will control the growth of mold and mildew on environmental surfaces for a period of 7 days. For static control repeat application in 7 days or when new growth appears.

PRECAUTIONARY STATEMENTS: HAZARD TO HUMANS AND DOMESTIC ANIMALS

WARNING: May cause eye damage or skin irritation. Do not get in eyes or on skin or on clothing. Harmful if swallowed. Avoid contamination of food. Avoid breathing spray mist.

First Aid: In case of contact immediately flush eyes or skin with plenty of water for at least 15 minutes. For eye irritation: Remove and wash contaminated clothing before reuse. If swallowed, drink a large quantity of water, eat whites or gelatin solution. Avoid alcohol. Call a physician.

FOR FURTHER MEDICAL INFORMATION CALL TOLL FREE 1 800 370 0026

Insert "A" - Human Immunodeficiency Virus, HIV-1

Disposal: Do not reuse empty container. Triple rinse empty container for collection.

LIMPIADOR PESADO EN DETERGENTE-DESINFESTANTE

Advertencia: Manténgase del alcance de niños. No comerte.

A-33 es excelente para lavar superficies duras y lisas como losas y no daña superficies barnizadas con laca que sea lavable. Es particularmente útil con goma, vinyl, pisos hechos de losas asfálticas, marmoles en pisos conductivos.

Direcciones Para Uso: Prepare una solución fresca diariamente con otros químicos o productos incluyendo jabones y detergentes. El agua sea caliente o fría. Aplique solución diluida con un paño completamente la superficie y mantenga mojado por 10 minutos. En áreas que tengan contacto con comidas. Superficies lavadas y enjuagadas con agua antes de uso. Para áreas bien sucias en grandes áreas.



A-33 is a balanced formulation combining Airkem's true blue color with a quaternary ammonium compound, organic chelating agents, a step cleaning, disinfecting and counteracting of odors in the presence as directed.

A-33 is intended primarily as a heavy duty cleaner where disinfection is needed. It is unsuited for washing hard nonporous surfaces of chrome and does not damage washable painted, varnished or lacquered surfaces such as walls, tables, floors and other similar surfaces. It is suitable for nonmetal rubber sealed cork, vinyl and asphalt tile. It is an excellent cleaner for marble or terrazzo. A-33 is recommended for use on all surfaces.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner not as directed. Use a fresh wash solution daily or more frequently as required. Do not combine with other soaps and detergents.

Mix 2 ozs of A-33 with one gallon of water - hot or cold. Apply to wet all surfaces thoroughly and allow to remain wet for 10 min. contact surfaces. Treated food contact surfaces must be rinsed and soiled areas a pre-cleaning step is required.

As a detergent: A-33's outstanding detergents in combination with superior wetting and penetrating action. Its suspended insoluble mild low foaming A-33 leaves surfaces soil free and film free.

As a disinfectant: Used as directed (2 ozs per gal or 1 to 64) a variety of one of the most potent germicides commercially available. Inactivate metabolic units to increase effectiveness. On environmental broad range of gram positive and gram negative organisms such as:

Insert "B" - A-33 has been found effective against Human Immunodeficiency Virus, HIV-1 and HIV-2, the AIDS virus which