

pm 31

42964-34

11/9/99

Page 1 of 4

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Airken Professional Products
Division of Ecolab Inc.
370 N. Wabasha Street
St. Paul, MN 55102

NOV 09 1999

Subject: A-464-N
EPA Registration No. 42964-34
Received Date of August 12, 1999

Attn: Ann M. Oxford
Manager, Regulatory Services

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. The findings are outlined below:

1. The certified upper and lower limits are in compliance with the Agency standards set forth in 40 CFR, Part 158.175(b)(2).
2. The ingredient claims statement on the label is in agreement with the Confidential Statement of Formula (CSF) in compliance with PR Notice 91-2.
3. All ingredients have been approved by the Agency for use in pesticides.
4. The CSFs have no signatures, although the name of the approving official has been typed in the appropriate space.

The revised CSF, dated July 25, 1999 are acceptable when signed documents are received from you and the request for an amendment to the registration is approved.

A stamped copy of the label is enclosed for your records. Submit one (1) copy of the final printed label before this product is released for shipment. According to the Label Review Manual (2nd Edition), Chapter 6, the ingredient statement should be revised to reflect the following:

Active Ingredient:
Inert Ingredient:
Total: 100%

CONCURRENCES							
SYMBOL	7510W						
SURNAME	Jones						
DATE	11-9-99						

Please make the above changes to the label. If you have any questions concerning the comments in this letter, you should contact Zenobia Jones at (703) 308-6198.

Sincerely,



Velma Noble
Product Manager 31
Regulatory Management Branch 1
Antimicrobial Division (7510W)

FRONT | PANEL 3

SIDE | PANEL 4



A-464[®]-N

*Neutral Detergent/Disinfectant/Fungicide/
Virucide*/Odor Counteractant For Hospital,
Veterinary and Industrial Use*

Effective in hard water up to 400 ppm hardness
(calculated as CaCO₃) in the presence of 5% blood serum

ACTIVE INGREDIENTS:

Didecyl Dimethyl Ammonium Chloride	2.31%
n-Alkyl (50% C ₁₄ , 40% C ₁₂ , 10% C ₁₆) Dimethyl Benzyl Ammonium Chloride	1.54%
INERT INGREDIENTS:	96.15%

**KEEP OUT OF REACH
OF CHILDREN
CAUTION**

*See side panel for additional precautionary
statements and first aid instructions.*

FOR INDUSTRIAL USE ONLY

ECOLAB[®]

Net Contents: 1 U.S. gal/3.78 L

main panel 25.6 picas

Style Sheets & Art Library available for this Master.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush immediately with cool water. Remove contact lenses. Continue flushing for 15 minutes, holding eyelids apart. Get prompt medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation develops. FOR EMERGENCY MEDICAL INFORMATION, CALL 1-800-328-0026.

CUIDADO: SI NO PUEDE LEER EN INGLES PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Do not reuse empty containers. Wrap container and put in trash.

24.6 picas

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV 9 1999

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 42964-34

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COPY 4 1/16— 24.6 (PICAS/POINTS)

A-464-N is a neutral pH, "one-step" disinfectant-cleaner and odor counteractant effective in hard waters up to 400 ppm (calculated as CaCO₃), plus 5% blood serum.

A-464-N with its cleaning and odor counteraction abilities is recommended for disinfecting and cleaning of floors, walls and other hard non-porous environmental surfaces such as tables, chairs, countertops, bathroom fixtures, sinks, shelves, racks, carts, refrigerators, coolers, tile, linoleum, vinyl, asphalt, glazed porcelain, plastic (such as polyethylene, polypropylene, polystyrene, polyvinylchloride, polycarbonate and polymethyl methacrylate), metal, glass, or painted, varnished or lacquered surfaces. Safe for use on all finished floors. Not for use on medical devices or medical equipment surfaces.

Areas of Use: Hospitals, nursing homes, other health-care facilities, schools and colleges, veterinary clinics and animal life science laboratories, industrial facilities, dietary areas, office buildings, recreational facilities, retail and wholesale establishments.

When used as directed, this product will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause mal odors.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. **DISINFECTION:** For hospital disinfection against *Pseudomonas aeruginosa*, *Staphylococcus aureus*, and *Salmonella choleraesuis* and cleaning of hard non-porous surfaces use 2 ounces or 1/4 cup per gallon of water (1:64) up to 400 ppm hardness and 5% blood serum. Apply solution with a cloth, mop, brush, scrubber, coarse spray device or by soaking. Allow to remain wet for at least 10 minutes. Remove solution and entrapped soil with a clean, wet mop, cloth or wet vacuum pickup. For heavily soiled areas, a precleaning step is required. Rinsing is not necessary.

Effective at 1:64 against the following pathogenic bacteria according to the AOAC Use-Dilution Test modified in the presence of 400 ppm synthetic hard water and 5% blood serum:

<i>Pseudomonas aeruginosa</i>	<i>Shigella flexneri</i>	<i>Streptococcus faecalis</i> (antibiotic resistant)
<i>Staphylococcus aureus</i>	<i>Shigella sonnei</i>	<i>Klebsiella pneumoniae</i> (antibiotic resistant)
<i>Salmonella choleraesuis</i>	<i>Salmonella typhi</i>	<i>Staphylococcus aureus</i> (antibiotic resistant)
<i>Enterobacter cloacae</i>	<i>Proteus mirabilis</i>	<i>Staphylococcus epidermidis</i> (antibiotic resistant)
<i>Streptococcus pyogenes</i>	<i>Escherichia coli</i>	<i>Escherichia coli</i> (antibiotic resistant)
<i>Streptococcus faecalis</i>	<i>Proteus vulgaris</i>	<i>Pseudomonas aeruginosa</i> (antibiotic resistant)
<i>Enterobacter aerogenes</i>	<i>Klebsiella pneumoniae</i>	<i>Fusobacterium necrophorum</i>
<i>Salmonella typhimurium</i>	<i>Serratia marcescens</i>	<i>Enterococcus faecalis</i> (vancomycin resistant)

24.6 picas

EPD Master Format: 1 gal poly/disint/epa 2/99 Quark XPress
 1 gallon polyethylene specification with or without back up (cylinder) plate.
 SIZE: 19" x 4 7/16" (back up cylinder) 18 5/8" x 4 1/16" copyart print area.

Fungicidal against *Trichophyton mentagrophytes* and *Candida albicans* according to the AOAC Fungicidal Test modified in the presence of 400 ppm hard water and 5% blood serum at 1:64.

*Virucidal against HIV-1 (AIDS virus), Adenovirus type 4, Herpes simplex Type 1 and Type 2, Influenza A/Hong Kong, Rubella, Vaccinia, Feline picornavirus (Calicivirus), Feline leukemia, Canine distemper, Rabies, Porcine parvovirus, Pseudorabies, and Infectious bronchitis (Avian IBV) according to the Virucidal Qualification Test, modified in the presence of 400 ppm hard water and 5% blood serum at 1:64.

KILLS HIV-1 ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which surface/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 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

Personal Protection: When handling items soiled with blood or body fluids, wear personal protection such as disposable latex gloves, gowns, masks, or eye coverings to guard against contact with these fluids.

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

Contact Time: 4 minutes at room temperature (20-25 deg C). Use a ten minute contact time for disinfection against all other bacteria, fungi, and viruses claimed (listed on label).

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

EPA Reg. No. 42964-34

EPA Est. 1677-IL-2 (J), 1677-NJ-1 (W), 1677-TX-1 (D), 1677-GA-1 (M), 1677-MN-1 (P), 1677-CA-1 (S), 1677-PR-1 (B), 1677-OH-1 (H), 303-IN-1 (L), 1677-CA-2 (R).

Superscript refers to first letter of date code.

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25.6 picas

Inks: PMS 3258 aqua, 5483 blue/gray & Black
 Cylinder backup color: white
 Form number: 700208/89

NOV 9 1999

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