

2075

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

- 2 -


e. Revise "kills Hiv on..." to read: Kills HIV-1 on..."

f. Revise "Influenza A2/Hong Kong" to read:
Influenza A/Hong Kong

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

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

Sincerely,

John H. Lee 
Product Manager (31)
Antimicrobial Program Branch
Registration Division (H7505C)

Enclosures

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Concentrate 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 TOLL-FREE 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.

FOR INDUSTRIAL USE ONLY

Net Contents: 1 gallon (3.78 l) 5 gallons (18.9 l) 55 gallons (208.9 l)

EPA Reg. No. 42964-

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-IL-3 (F)

The superscript refers to the first letter of the date code. ..

Airkem Professional Products Division of ECOLAB INC.
Ecolab Center
St. Paul, MN 55102

REGISTERED
with the STATE OF MINNESOTA
in EPA REGISTRATION NO.

AUG 26 1993

42964-34

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, bed frames shelves, racks, carts, refrigerators, coolers, tile, rubber, 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.

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, powered or mechanical 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>	

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 types 1 and 2, Influenza A2/Hong Kong, Rubella, Vaccinia, Canine parvovirus, 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.

ACCEPTED
WITH COMMENTS
MAY 11 1993

AUG 26 1993

42964-34

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KILLS HIV 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.

) For service or additional information, call 1-800-444-4410.

STORAGE & 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: (1 gal) Do not reuse empty containers. Wrap container and put in trash. (5, 55 gal plastic) 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.

(2.5 gal bladder in box) Remove empty bladder from outer corrugated box. Triple rinse bladder (or equivalent). Offer box and bladder for recycling or dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

ACCEPTED
WITH COMMENTS
BY EPA

AUG 26 1993

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