

A-500®

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1/2 OZ. PREMEASURED PACKET DETERGENT DISINFECTANT ODOR COUNTERACTANT FOR HOSPITAL AND INDUSTRIAL USE

Effective in hard water up to 500 ppm (calculated as CaCO₃) in the presence of 9% blood serum and dried soap film residues.

ACTIVE INGREDIENTS

Octyl decyl dimethyl ammonium chloride	1.536%
Dioctyl dimethyl ammonium chloride	0.758%
Didecyl dimethyl ammonium chloride	0.768%
Alkyl (67% C ₁₂ , 25% C ₁₄ , 7% C ₁₆ , 1% C ₁₈ , C ₂₀ , C ₂₂) dimethyl benzyl ammonium chloride	12.288%
INERT INGREDIENTS	84.640%

(Includes essential oil odor control agents)

Keep Out Of Reach Of Children

DANGER:

See Statement of Practical Treatment and Other Precautions on Side Panel
De no saber leer ingles, no utilice este producto hasta recibir instrucciones adecuadas.

Net Contents: 9 water soluble packets weighing 1/2 oz. (0.1 Kilogram) Net Weight: 30 lbs. avoirdupois (1.36 Kilograms)



ACCEPTED
with COMMENTS
in EPA Letter Dated:

FEB - 6 1989

EPA Reg. No. 42964-25
EPA Est. No. 1677-NJ-1

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

42964-25

←B

A-500 is a complete one-step disinfectant cleanser sanitizer fungicide-moldicide-odor counteractant which is effective in water up to 500 ppm hardness in the presence of 9% blood serum and dried soap film residues when used as directed.

Airkem's A-500 is a concentrated, premeasured detergent-disinfectant odor counteractant. It is low foaming and phosphate free and scientifically formulated with nonionic synthetic detergents and alkali builders giving it exceptional cleaning and wetting properties.

A-500 with its superior cleaning and odor counteractant abilities is recommended for disinfecting and cleaning a wide range of surfaces such as: glass porcelain, glass tile, stainless steel, chrome, vinyl, and linoleum.

Use: Hospitals and nursing homes, veterinary and animal care facilities, USDA inspected food processing facilities and other food processing plants, Outcry areas, industrial plants, Office buildings, Schools, Public transit facilities, Retail and wholesale stores.

DIRECTIONS FOR USE:

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

Prepare a fresh work solution daily or more frequently as required.

DO NOT STORE USE SOLUTION.

Disinfectant: For hospital disinfecting and cleaning of nonporous hard surfaces such as walls, tables, floors, bed frames, bathroom fixtures and other similar surfaces, dilute one packet per gallon of warm water. Stir gently for a uniform solution. Apply solution with mop, cloth, scrubber or other suitable applicator, so as to wet all surfaces thoroughly. Allow to remain wet for at least ten minutes. Remove solution and overwring and mop with a clean, wet mop, cloth or wet vacuum pickup. For heavily soiled areas, a pre-cleaning step is required. A-500 may be used at recommended dilution on conductive flooring without any deleterious effect.

When used as a hospital disinfectant (1/2 oz. to 1 gallon), A-500 provides 800 ppm of one of the more potent combinations of quaternaries commercially available to provide effectiveness in up to 500 ppm hard water, and in the presence of protein (9% blood serum) and dried soap film residues.

Effective As: Virucide: On environmental surfaces A-500 kills viruses such as Influenza A, Japan B, 30S157 (Polio), Parvovirus Type 1, Herpes Simplex Type 1 and Vaccinia in the presence of 500 ppm hard water and protein (9% blood serum) and dried soap film residues. Apply to surface, wetting thoroughly. If not washed or rinsed off, it will control the growth of mold and mildew and the odors caused by them on environmental surfaces for a period of 14 days.

To maintain long-term control, repeat application in 14 days or when new growth appears.

Fungicide: Protects AOAC List Ochraceus, Aspergillus, Trichophyton, Microsporum, Candida albicans and Cryptococcus candidum under the test conditions described above. It is an effective fungicide when used on surfaces in areas such as locker rooms, dressing rooms, showers and bath areas, service facilities, etc.

Other Properties: A-500 has been found to be an effective disinfectant against a broad spectrum of bacteria (both gram positive and gram negative organisms) under the same above test conditions used.

Insert "A" - Human Immunodeficiency Virus, Type III (commonly known as the AIDS virus).

Insert "B" - A-500 has been found effective against Human Immunodeficiency Virus, Type III, commonly known as the AIDS virus when tested in accordance with an EPA accepted protocol.

AOAC Use Dilution Confirmation Test, 13th Ed., 1980

Streptococcus mutans (ATCC #25175)	Escherichia coli (ATCC #12229)
Streptococcus faecalis (ATCC #8203)	Proteus vulgaris (ATCC #3309)
Pseudomonas aeruginosa (ATCC #27842)	Serratia marcescens (ATCC #4930)
Staphylococcus aureus (ATCC #6538)	Shigella flexneri (ATCC #75929)
Salmonella choleraesuis (ATCC #10708)	Klebsiella pneumoniae (ATCC #4388)
Pseudomonas cepacia (ATCC #25619)	Salmonella typhi (ATCC #6539)

A-500 has been tested and determined safe to use on conductive flooring without any deleterious effects.

PRECAUTIONARY STATEMENTS: HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS.

DANGER: Corrosive Powder causes eye and skin damage. Harmful if swallowed. Do not get in eyes, on skin or clothing. Wear rubber gloves when handling packets. Avoid contamination of food.

STATEMENT OF PRACTICAL TREATMENT: In case of contact, immediately flush eyes or skin with plenty of water for 15 minutes. Call physician. Remove contaminated clothing and wash before reuse. If swallowed, drink promptly a large quantity of milk, egg whites, or other liquid or water. Avoid alcohol. **SEEK A PHYSICIAN.** Probable mucosal irritation; contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

FOR EMERGENCY MEDICAL INFORMATION, CALL TOLL FREE 1 800 326 0026

In use solution has a primary skin irritation value of 6.34

STORAGE AND DISPOSAL

STORAGE: Store in a cool dry place. Do not handle packets with wet hands. Do not remove packets before use.

DISPOSAL: Do not reuse container. Wrap carefully and place in trash collection.

DETERGENTE DESINFESTANTE IMPERMEABLE A OLORES EN HOSPITALES Y USO INSTITUCIONAL

Propósito: Limpieza del ambiente de trabajo.

A-500 es recomendado para desinfectar superficies duras como porcelana, vidrio, metal, acero inoxidable, chrome y vinilo.

DIRECCIONES PARA USO: Prepare una solución diaria o más frecuente si es necesario.

Desinfectante: Para un uso hospitalario diluya un paquete en un galón de agua caliente. Remueve suciedad para una solución uniforme. Aplique solución con mopa, paño o cepillo. No seque las superficies. Si no se lava o se enjuaga, controlará el crecimiento de hongos y moho y los olores causados por ellos en superficies ambientales por un periodo de 14 días.

Para mantener un control a largo plazo, repita la aplicación cada 14 días o cuando aparezca nuevo crecimiento.

Fungicida: Protege las superficies de Ochraceus, Aspergillus, Trichophyton, Microsporum, Candida albicans y Cryptococcus candidum en las condiciones de prueba descritas arriba. Es un eficaz fungicida cuando se usa en superficies en áreas tales como vestidores, salas de vestir, duchas y baños, áreas de servicio, etc.

Otras propiedades: A-500 ha sido encontrado ser un eficaz desinfectante contra un amplio espectro de bacterias (tanto gram positivas como gram negativas) en las mismas condiciones de prueba descritas arriba.

Inserto "A" - Virus de la Inmunodeficiencia Humana, Tipo III (comúnmente conocido como el virus del SIDA).

Inserto "B" - A-500 ha sido encontrado efectivo contra el Virus de la Inmunodeficiencia Humana, Tipo III, comúnmente conocido como el virus del SIDA cuando se prueba de acuerdo con un protocolo aceptado por la EPA.



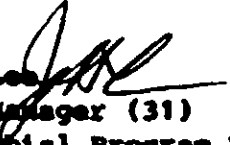
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- e. Change "duros" to duras."
 - f. Change "sucios" to "sucias," and "vavan" to "vavana."
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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

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FEB - 6 1989

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

Attention: Ann M. Oxford

Gentlemen:

Subject: A-500
EPA Registration No. 42964-25
Your Amended Application Dated January 25, 1988

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"].

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50396-I, Lee, LL-01, KENCO, 12/21/88, 02/06/89, sm, EX, CT, CONCURRENCES

RECD							
SURNAME							
DATE							