

A-500[®]

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 5% blood serum.

ACTIVE INGREDIENTS

Octyl decyl dimethyl ammonium chloride	1.536%
Dioctyl dimethyl ammonium chloride	0.768%
Didecyl dimethyl ammonium chloride	0.768%
Alkyl (67% C ₁₂ , 25% C ₁₄ , 7% C ₁₆ , 1% C ₈ , C ₁₀ , C ₁₈) dimethyl benzyl ammonium chloride	12.288%

INERT INGREDIENTS

(Includes essential oil odor control agents)

84.640%

KEEP OUT OF REACH OF CHILDREN

DANGER

See Statement of Practical Treatment and Other Precautions on Side Panel

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

Net Weight: 3.0 lbs

Net Contents: Approx. 90 Water Soluble Packets Weighing 1/2 oz

 **Airkem**[®]
PROFESSIONAL PRODUCTS

A Service of

ECOLABTM

ACCEPTED
with COMMENTS
in EPA Letter Dated:

EPA Reg. No. 42964 Z

EPA Est. 1677 NJ 1 (M)

46275 K 1 (M)

THE SUPERSCRIPT REFERS TO
THE FIRST LETTER OF THE DATE CODE

SEP 14 1989

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
42964-25

II 5 1060



Mold and Mildewcide: Apply to surface, scrubbing if thoroughly it not washed or rubbed 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 fungicide control, repeat application on 14 days or when new growth appears.

Fungicide: Passes A.O.A.C. 11th Edition test versus *Trichophyton microsporum*, *Candida albicans* and *Geotrichum candidum* under the test condition described above. Is an effective fungicide when used on surfaces in areas such as locker rooms, dressing rooms, showers and bath areas, exercise lockers.

Other Organisms: 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 severe test conditions listed.

A.O.A.C. Use Dilution Confirmation Test

Streptococcus mutans (ATCC #25175)

Streptococcus faecalis (ATCC #10218)

Pseudomonas aeruginosa (ATCC #27961)

Staphylococcus aureus (ATCC #12228)

Salmonella choleraesuis (ATCC #10700)

Pyrodinomonas rryncus (ATCC #25608)

Es. hertha coli (ATCC #11229)

Proteus vulgaris (ATCC #33018)

Serratia marcescens (ATCC #35061)

Shigella flexneri (ATCC #25929)

Abdisella parvuminae (ATCC #13003)

Salmonella typhi (ATCC #15528)

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

PRECAUTIONARY STATEMENTS: HAZARDS 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, gelatin solution or water. Avoid alcohol.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

FOR EMERGENCY MEDICAL INFORMATION, CALL TOLL FREE 1 800 370 0076

In use solution has a primary skin irritation value of 0.79.

STORAGE AND DISPOSAL

Do Not Contaminate Water, food or Feed by Storage or Disposal

Storage: Store in a cool, dry place. Do not handle packets with wet hands. Do not remove packets before use. Keep container tightly closed when not in use. Do not freeze.

Container Disposal: 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.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or residue 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.

Ecolab Inc., Ecolab Center, St. Paul, MN 55102

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A 500 is a complete one step disinfectant cleaner (hydrochloric acid) which is effective in water up to 500 ppm hardness in the presence of 5% blood serum when used as directed.

Airkem's A 500 is a concentrated premeasured disinfectant (free counter-actant) It is low foaming and phosphate free and scientifically formulated with non-ionic synthetic detergents and alkaline buffers giving it exceptional cleaning and wetting properties.

A 500 with its cleaning and odor counteraction abilities is recommended for disinfecting and cleaning of nonporous hard surfaces such as glazed porcelain, glass tile, stainless steel, chrome, vinyl, and linoleum.

Areas Of Use: Hospitals and nursing homes, veterinary and animal care facilities, USDA inspected food processing facilities and other food processing plants, dietary areas, industrial plants, office buildings, schools, recreational 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.

Disinfection: 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 entrapped soil with a clean, wet mop, cloth or wet vacuum pickup. For heavily soiled areas, a precleaning 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 or 1 gallon A 500 provides 600 ppm of one of the more potent combinations of germicides commercially available to provide effectiveness in up to 500 ppm hard water and in the presence of protein (5% blood serum) and dried soap film residues.

Effective As Virucide: In environmental surfaces A 500 kills viruses such as *Human Immunodeficiency Virus (HIV)* (commonly known as the AIDS virus), *Influenza A, (Swan 3255)*, *Adenovirus Type 1*, *Herpes simplex Type 1* and *Measles* in the presence of 500 ppm hard water and protein.

Special instructions for cleaning and decontamination against HIV on surface/objects soiled with blood/body fluids.

A 500 is effective as a virucide against HIV 1 (AIDS) virus on hard, nonporous surfaces in the presence of moderate amounts of organic soil (10% blood serum) when used in health care settings where the potential for the presence of HIV 1 (AIDS) virus on mammalian surfaces is likely.

PERSONAL PROTECTION: When handling items soiled with blood or body fluids, wear personal protection such as disposal latex gloves, gowns, masks, or eye coverings.

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

CONTACT TIME: 10 minutes.

DISPOSAL OF INFECTIOUS MATERIALS: Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.



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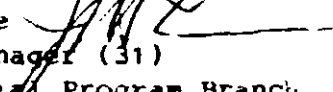
"Discard used solution when it becomes visibly soiled or aged and replace with fresh solution."

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If you have any questions concerning this letter, please contact Martha DeLaney at (703) 557-6982.

Sincerely yours,


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

Enclosures