

PRINT AREA  
GUIDELINES  
DO NOT  
PRINT!

A-989 has been found effective against Human Immunodeficiency Virus, HIV 1, commonly known as the AIDS virus, on inanimate surfaces when tested according to EPA virucidal test requirements.

A-989 is a complete one step disinfectant cleaner fungicide-moldicide odor counteractant which is effective in water up to 500 ppm hardness in the presence of 5% blood serum when used as directed.

Airkem's A-989 is a concentrated, premixed disinfectant odor counteractant. It is low foaming and p-sulfate free and scientifically formulated with nonionic synthetic detergents and alkaline builders giving it exceptional cleaning and rinsing properties.

A-989 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, Dairy 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.

Prepare a fresh solution daily or more frequently as required.

DO NOT STORE USE SOLUTION.

**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 prewashing step is required. A-989 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-989 provides 800 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 6% blood serum and dried soap film residues.

**Effective As: Virucide:** On environmental surfaces A-989 kills viruses such as Human Immunodeficiency Virus, HIV 1, commonly known as the AIDS virus, Influenza A, Japan B/S/57 (Hassid, Fluoridant Type 1, Myxoma simplex Type 1 and Mucosa in the presence of 500 ppm hard water and protein.

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

A-989 is effective as a virucide against HIV 1 (AIDS virus) on hard, non porous 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 inanimate surfaces is likely.

**PERSONAL PROTECTION:** When handling items soiled with blood or body fluids, wear personal protection such as disposable 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 all regulations for infectious waste disposal.

**Mold and Mitecidic:** Apply to surface, wetting it thoroughly. If not washed or rubbed off, it will control the growth of mold and mites 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:** Passes A.G.A.C. Use Dilution Test versus *Trichophyton mentagrophytes*, *Candida albicans* and *Geotrichum candidum* under the test conditions described above. Is an effective fungicide when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, outdoor facilities.

**Other Organisms:** A-989 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.G.A.C. Use Dilution Confirmation Test:**

*Staphylococcus aureus* (ATCC 25775)

*Staphylococcus faecalis* (ATCC 29218)

*Pseudomonas aeruginosa* (ATCC 27843)

*Staphylococcus aureus* (ATCC 29218)

*Salmonella choleraesuis* (ATCC 37170)

*Pseudomonas cepacia* (ATCC 22028)

*Escherichia coli* (ATCC 3720)

*Proteus vulgaris* (ATCC 35218)

*Serratia marcescens* (ATCC 35061)

*Legionella pneumophila* (ATCC 32020)

*Klebsiella pneumoniae* (ATCC 35863)

*Salmonella typhi* (ATCC 306)

A-989 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 increased damage may contraindicate the use of gastric lavage.

**FOR EMERGENCY MEDICAL INFORMATION, CALL TOLL FREE 1-800-328-0026.**

In use solution has a primary skin irritation value of 0.20.

### STORAGE AND DISPOSAL

Do Not Contaminate Water, Food or Feed by Storage or Transport.

**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 for 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®

## ½ OZ. PREMEASURED PACKET DETERGENT DISINFECTANT ODOR COUNTERACTANT FOR HOSPITAL AND INDUSTRIAL USE

Effective in hard water up to 500 ppm. (calculated as CaCO<sub>3</sub>) in the presence of 5% blood serum.

### ACTIVE INGREDIENTS

Octyl docyl dimethyl ammonium chloride.....	1.538%
Dioctyl dimethyl ammonium chloride.....	0.768%
Didecyl dimethyl ammonium chloride.....	0.768%
Alkyl (87% C <sub>12</sub> , 25% C <sub>14</sub> , 7% C <sub>16</sub> , 1% C <sub>18</sub> , C <sub>20</sub> , C <sub>22</sub> ) dimethyl benzyl ammonium chloride.....	12.288%
<b>INERT INGREDIENTS</b> .....	<b>84.640%</b>
(Includes essential oil odor control agents)	

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

See Statement of Practical Treatment and Other Precautions on Side 1

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

Net Weight: 3.0

Net Contents: Approx. 90 Water Soluble Packets Weighing ½



**Airkem®**  
PROFESSIONAL PRODUCTS

A Service of

**ECOLAB™**

EPA Reg No 42  
EPA Est. 1677 N.  
46275-1

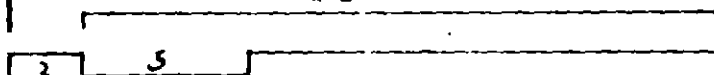
ACCEPTED  
with COMMENTS  
to EPA Letter 4-2-80  
THE SUPERSCRIPIT REFE  
ST LETTER OF THE DATE

JUL 20 1980

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

42964-25

# 5 1060



36 ½ PICAS

SILK SCREEN TUB SIZE: 16 3/4" X 6" PRINT AREA