

ACCEPTED  
2-26-97  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 42964-38

CENTER | PANEL 3

CENTER | PANEL 4

# A-428-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 CaCO<sub>3</sub>) in the presence of 5% blood serum

Active Ingredients:	
Didecyl dimethyl ammonium chloride .....	4.61%
n-Alkyl (50% C <sub>12</sub> , 40% C <sub>14</sub> , 10% C <sub>16</sub> ) dimethyl benzyl ammonium chloride .....	3.07%
Inert Ingredients:	92.32%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

See Side Panel for Additional Precautionary Statements and First Aid Instructions.

**FOR INDUSTRIAL USE ONLY**

Net Contents: 1 Gal. (3.78 liters)



### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER: CORROSIVE:** Causes eye damage and severe skin irritation. Do not get in eyes, on skin or on clothing. Wear chemical goggles, rubber gloves and protective clothing when handling the product concentrate. Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

#### 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 persists.

**IF SWALLOWED:** Rinse mouth at once; then drink one or two glasses of water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person.

**CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY FOR EMERGENCY MEDICAL INFORMATION. CALL TOLL-FREE 1-800-328-0028**

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

**PELIGRO: 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:** 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.

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

Airkem Professional Products Division of ECCOLAB INC.  
Eccolab Center, St. Paul, MN 55102  
5105 Tomken Road, Mississauga, Ont., Canada L4W 2X6

700187/8937/1034  
Made in U.S.A. © 1984

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main panel 27 picas

23.6 picas RECD LRA:HP/DPD1

RECOMMENDED MINIMUM TYPE  
IS: 8 PT. REGULAR FOR POS. TYPE  
AND 8 PT. BOLD FOR REVERSE PRINTING

TYPE SMALLER THAN 8 PT. MAY RESULT

INK COLOR: PMS 131 gold and black

PAPER: Clear poly sleeve

**BEST AVAILABLE COPY**

292

ACCEPTED  
2-26-97  
Under the authority of the  
Environmental Protection Agency,  
an agreement has been made with  
registered and  
EPA Reg. No. 42964-30

CENTER | PANEL 1

CENTER | PANEL 2

BACK UP CYLINDER 3 1/4"  
COPY 3 1/4" - 20.9 (PICAS/POINTS)

A-428-M is a neutral pH, "one-step" disinfectant-cleanser and odor counteractant effective in hard waters up to 400 ppm hard water (calculated as CaCO<sub>3</sub>), plus 6% blood serum.

A-428-M 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, counter tops, 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 1 ounce per gallon of water (1:128) up to 400 ppm hardness and 5% blood serum. Apply solution with a cloth, mop, brush, scrubber, or by soaking to wet all surfaces thoroughly. 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 pre-cleaning step is required. Rinsing is not necessary. Prepare a fresh solution daily or when solution becomes visibly dirty.

Effective at 1:128 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>Klebsiella pneumoniae</i> | <i>Staphylococcus aureus</i> (antibiotic resistant)      |
| <i>Staphylococcus aureus</i>   | <i>Proteus vulgaris</i>      | <i>Streptococcus faecalis</i> (antibiotic resistant)     |
| <i>Salmonella choleraesuis</i> | <i>Serratia marcescens</i>   | <i>Escherichia coli</i> (antibiotic resistant)           |
| <i>Enterobacter cloacae</i>    | <i>Shigella flexneri</i>     | <i>Klebsiella pneumoniae</i> (antibiotic resistant)      |
| <i>Streptococcus pyogenes</i>  | <i>Shigella sonnei</i>       | <i>Staphylococcus epidermidis</i> (antibiotic resistant) |
| <i>Streptococcus faecalis</i>  | <i>Salmonella typhi</i>      | <i>Pseudomonas aeruginosa</i> (antibiotic resistant)     |
| <i>Enterobacter aerogenes</i>  | <i>Proteus mirabilis</i>     | <i>Fusobacterium necrophorum</i>                         |
| <i>Salmonella typhimurium</i>  | <i>Escherichia coli</i>      |  |

*Enterococcus faecalis* (vancomycin resistant)

23.6 picas

1 gallon polyethylene specification with or without back up (cylinder) plate.  
SIZE: 18 1/2" x 3 5/8" (back up cylinder) 18 3/8" x 3 1/2" copy/print area.  
QUALITY PLATE SPECIFICATION  
Dean Ackerman (Quality Platemaking) & Weg (Ecolab) Sept. 1987

Fungicidal against *Trichophyton mentagrophytes* and *Candida albicans* according to the ADAC Fungicidal Test modified in the presence of 400 ppm hard water and 5% blood serum at 1:128.

Virucidal against HIV-1 (AIDS virus), Adenovirus type 4, Herpes simplex Type 1 and Type 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 1:128.

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

A-428-M is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. A-428-M may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

For service or additional information, call 1-800-247-9382.

EPA Reg. No. 42964-30

EPA Est. 1677-IL-2 (IL), 1677-NJ-1 (NJ), 1677-TX-1 (TX), 1677-GA-1 (GA), 1677-MN-1 (MN), 1677-CA-1 (CA), 1677-PR-1 (PR), 1677-IL-3 (IL)

Superscript refers to first letter of date code.

23.6 picas

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