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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS 767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO. 42964-31	DATE OF ISSUANCE NOV 26 1991
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT J-456-11	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Airkem Professional Products
 Poolah Center
 St. Paul, MN 55102

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 42964-31."
 - b. The signal word "DANGER" should be placed centered directly below the word "REACH" in the phrase "KEEP OUT OF REACH OF CHILDREN."
 - c. The "virucide" claim on the center panel must be keyed by an asterisk.

AVAILABLE COPY

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL _____ DATE _____

- d. We prefer that the statement "concentrate causes eye and skin damage" to read only:

causes eye and skin damage.


- e. Revise "Herpes Simplex Types 1 and 2" to read "Herpes Simplex Type 1 and Type 2."
f. Revise "Trichophyton interdigital" to read "Trichophyton mentagrophytes."
g. Only precleaned environmental surfaces are being permitted for HIV-1 claims; therefore, delete the reference to organic soil (5% blood serum) in respect to that claim.

Ref: last paragraph on page 2.

3. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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 yours,

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

Enclosure

NOT AVAILABLE COPY

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A-456-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	9.22%
n-Alkyl (50% C ₁₄ , 40% C ₁₂ , 10% C ₁₆) dimethyl benzyl ammonium chloride	6.14%
Inert Ingredients:	84.64%

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Concentrate causes eye and skin damage. Do not get in eyes, on skin or on clothing. Wear safety glasses or goggles and rubber gloves 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 1-800-328-0026

NOTE TO PHYSICIAN: 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.

FOR INDUSTRIAL USE ONLY

Net Contents: 1 gallon (3.78 l) 5 gallons (18.9 l) 55 gallons (208.8 l)

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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

ACCEPTED
NOV 20 1991

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A-456-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-456-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 1/2 ounce per gallon of water (1:256) 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 1:256 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 interdigitale* and *Candida albicans* according to the AOAC Fungicidal Test modified in the presence of 400 ppm hard water and 5% blood serum at 1:256.

*Virucidal against HIV-1 (AIDS virus), Adenovirus type 4, Herpes simplex types 1 and 2, Influenza Type A/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 1:256.

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

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). A-456-N is effective as a virucide against HIV-1 (AIDS virus) at 1/2 ounce per gallon of water on hard, non-porous surfaces in the presence of moderate amounts of organic soil (5% blood serum) and

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400 ppm hard water 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 to protect 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.

OTHER USES: For other specialized cleaning and disinfecting operations consult your Airkem representative.

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

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