

MAR 12 1990

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

Attention: Ann M. Oxford

Product Name: A-3
 Registration Number 42964-2
 Application Date 12/8/89

The amendment referred to above, submitted in connection with registration under FIFRA, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Change the signal word "Caution" to "Warning". (Front Panel only.)
 - b. Change the precautionary statement to read:
 "Causes eye and skin irritation".
 - c. Delete "and First Aid Instructions." (Front Panel only.)
2. The data submitted for Feline Rhinotracheitis are not required to be submitted or reviewed since claims against this organism are not considered to be related to human health.
3. The submitted efficacy data are acceptable to support the label claims as a disinfectant in the presence of the additional challenge of soap scum. However, verification is needed for the Methicillin Resistant Staphylococcus aureus HL121 data for batch J071881. It appears that there was a typographical error on results read 10-18-89.

59129: I Lanev 10:KENCO:03/05/90:04/10/90:ka:sw:vo:jh:dg

		CONCURRENCES						
SYMBOL ▶								
SURNAME ▶								
DATE ▶								

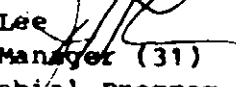
4. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). 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.

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)

A-3

DETERGENT-DISINFECTANT ODOR COUNTERACTANT FOR USE IN HOSPITALS

Active Ingredients:

n-alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈) dimethyl
benzyl ammonium chlorides 2.5%
Inert Ingredients 97.5

ACCEPTED
with COMMENTS
in EPA Letter Dated:

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

42964-2

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel for Additional Precautionary Statements and First Aid
Instructions

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

Net Contents: 55 Gallons
(209 Liters)

EPA Reg. No. 4964-2
EPA Est. 167112 LA
K77N11W
16711210A
K771A1M

A-3 is a balanced formulation combining Arkem's true odor counteractants, a nonionic synthetic detergent, a quaternary ammonium compound, and an organic chelating agent for effective one step cleaning, disinfecting and counteracting of odors in the presence of protein (5% blood serum) and soap film residue, when used as directed for hospital disinfection

A-3 is unexcelled for washing insert ① attached and does not damage washable painted, varnished or lacquered surfaces. Because A-3 rinses spot free, it is particularly suitable for wood, linoleum, rubber, cork, vinyl and asphalt tile floors. Its mildness and superior rinsing qualities make it an excellent cleaner for marble and terrazzo.

3

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 when it becomes soiled or diluted. Do not mix with other chemicals or products including anionic soaps and detergents.

As a General Disinfectant: Used as directed (2 oz. per gallon) A-3 provides 390 ppm effective germicide action further enhanced by an organic chelating agent that inactivates metallic ions. A-3 was tested according to A.D.A.C. Use Dilution Procedure at 1:64 against the following organisms in the presence of protein (5% blood serum) and soap scum

<i>Staphylococcus aureus</i>	ATCC # 8538	<i>Serratia marcescens</i>	ATCC # 9103
<i>Salmonella choleraesuis</i>	ATCC # 10708	<i>Shigella flexneri</i>	ATCC # 75875
		<i>Klebsiella pneumoniae</i>	ATCC # 4352
<i>Proteus vulgaris</i>	ATCC # 13315	<i>Brevibacterium</i>	
<i>Escherichia coli</i>	ATCC # 11229	<i>ammoniaegenes</i>	ATCC # 6812
<i>Enterobacter aerogenes</i>	ATCC # 13048	<i>Listeria monocytogenes</i>	clinical isolates
<i>Micrococcus tendentarius</i>	ATCC # 27573	<i>Proteus mirabilis</i>	ATCC # 9740
<i>Pseudomonas cepacia</i>	ATCC # 75415	<i>Salmonella enteritidis</i>	ATCC # 13076
<i>Salmonella gallinarum</i>	ATCC # 9184	<i>Salmonella schottmuelleri</i>	ATCC # 10719
<i>Salmonella typhi</i>	ATCC # 6539	<i>Salmonella typhimurium</i>	ATCC # 13311
<i>Shigella dysenteriae</i>	ATCC # 29076	<i>Shigella sonnei</i>	ATCC # 25931
<i>Staphylococcus aureus</i>	ATCC # 14154	<i>Staphylococcus epidermidis</i>	ATCC # 12228
<i>Streptococcus faecalis</i>	ATCC # 828	<i>Streptococcus mitis</i>	ATCC # 25175
<i>Streptococcus pyogenes</i>	ATCC # 19615	<i>Micrococcus luteus</i>	ATCC # 34452
<i>Staphylococcus saprophyticus</i>	ATCC # 17715	<i>Escherichia coli</i>	ATCC # 29181
<i>Vibrio cholerae</i>	ATCC # 25873	<i>Campylobacter fetus</i>	ATCC # 27374
<i>Campylobacter jejuni</i>	ATCC # 11813	<i>Haemophilus influenzae</i>	ATCC # 19418
<i>Serratia quinilana</i>	ATCC # 19474		

Mix 2 oz. of A-3 with one gallon of water - hot or cold. Apply solution with insert ② attached

As a One Step Hospital Disinfectant: For use on nonporous hard surfaces where pseudomonasidal action is desired dilute 3 oz gal (1:43) 580 ppm. Apply solution as above.

As a Detergent: loosens soil through suspends insoluble grease. Low foam

As a Fungicide: Fungil, *Candida* (isolated from hospital pathogen) in the scum when tested

As a Virucide: (Sendai), *Vaccinia*, *Herpes simplex* and *Adenovirus* *Tested in the presence of protein

As an Odor Counteractant: effect through its odor counteractants

PRECAUTIONS AND DOMESTIC WARNING

Get in eyes, or on skin, wash immediately. Avoid contamination of food.

STATEMENTS

In case of contact with water for at least 15 minutes and wash contact area promptly. Avoid anything by mouth.

FOR EMERGENCY CALL
1 800 328 0026

STORAGE

Do Not Contaminate. **Storage:** Store in a closed container when not in use.

Disposal: Triple rinse and conditioning or incineration or landfill. If burned, stay out of the fire.

Pesticide Disposal: may be disposed of in a landfill.

Airkem A Division of
ECOLAB
PROFESSIONAL PRODUCTS

Arkem Professional Products
Division of ECOLAB INC. Ecolab Center St. Paul, MN 55102

2

cloth, mop, sponge, brush, scrubber, powered or mechanical spray device or by soaking. Wet all surfaces thoroughly and allow to remain wet for 10 minutes. Remove solution and the entrapped soil with clean, wet mop or wet vacuum pick up. For heavily soiled areas, a precleaning step is required.

3

Areas of Use: Hospitals, nursing homes, other health-care facilities, schools, colleges, veterinary clinics, animal life science laboratories, industrial facilities, USDA inspected food processing facilities and other food processing plants, dietary areas, office buildings, recreational facilities, retail and wholesale establishments.

When used as directed, this product will deodorize surfaces: toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause mal odors.

4

on environmental surfaces in the presence of protein (5% blood serum).

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42964-2