

42964-25

11-5-1999

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Airkem Professional Products
Division of Ecolab, Inc.
370 N. Wabash Street
St. Paul, MN 55102

NOV 05 1999

Subject: A-33 Dry
EPA Registration No. 42964-25
Amendment Date: 8/17/99
EPA Receive Date: 8/27/99

Attention: Regulatory Services


The amendment referenced above, submitted in connection with registration under FIFRA, as amended, to update the product label is acceptable provided you address the following comments before this product is released for shipment.

1. The statement, "Not to be used on food preparation surfaces... surfaces" should be revised to include food handling areas as well as being in bold type.
2. Under the animal housing facilities directions, you need to include steps 5, 7, and 9 from the enclosed DIS/TSS -18, Label Requirements for Farm Premise Disinfectants.
3. You will need to delete the term, "safe," from the statement about use on conductive floors which appears before the "Precautionary Statements."

A stamped label is enclosed for your records. Please submit one (1) copy of the final printed label prior to the release of this product for shipment.

If you have any questions regarding this letter, please contact Velma Noble at (703) 308-6233.

Sincerely,


Velma Noble

CONCURRENCES Product Manager 31

SYMBOL					Regulatory Management Branch I	
SURNAME					Antimicrobials Division (7510C)	
DATE						

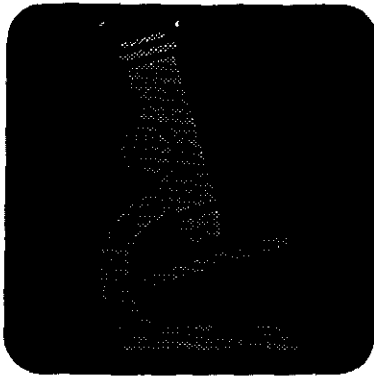
DIS/TSS-18 / Jan. 17, 1989

LABEL REQUIREMENTS FOR FARM PREMISE DISINFECTANTS

Directions For Use

The following label directions are required for farm premises disinfectants to permit their classification as non-food use products:

1. Do not use in milking stalls, milking parlors, or milk houses (for phenolics, cresylic acid, and pine oils).
2. Remove all animals and feed from premises, vehicles, and enclosures.
3. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals.
4. Empty all troughs, racks, and other feeding and watering appliances.
5. Thoroughly clean all surfaces with soap or detergent and rinse with water.
6. Saturate all surfaces with the recommended disinfecting solution for a period of 10 minutes.
7. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
8. Ventilate buildings, cars, boats, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set, or dried.
9. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.



A-33[®] DRY

DETERGENT/DISINFECTANT/ODOR COUNTERACTANT PREMEASURED 1/2 OZ. PACKET FOR HOSPITAL AND INSTITUTIONAL 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	1.535%
yl dimethyl ammonium chloride	0.768%
yl 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 INGREDIENTS84.640%
(Includes essential oil odor control agents)

airkem
brand

**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

EPA Reg. No. 42964-25
EPA Est. 1677-MJ-1 (W); 1677-MN-1 (P); 46275-IL-1 (M)
SUPERScript REFERS TO FIRST LETTER OF DATE CODE.

KEEP FROM FREEZING

A-33 Dry 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-33 Dry is a complete one-step disinfectant cleaner-fungicide-mildewstat-virucide-odor counteractant which is effective in water up to 500 ppm hardness in the presence of 5% blood serum and soap film residue when used as directed.
Airkem's A-33 Dry is a concentrated, premeasured disinfectant odor counteractant. It is low foaming and phosphate free and scientifically formulated with nonionic synthetic detergents and alkaline builders giving it exceptional cleaning and wetting properties.
A-33 Dry with its cleaning and odor counteraction abilities is recommended for disinfecting and cleaning of floors, walls and other hard nonporous environmental surfaces such as tables, chairs, counter tops, bathroom fixtures, sinks, shelves, racks, carts, refrigerators, coolers, tile, linoleum, vinyl, asphalt, porcelain, plastic, metal, glass, or painted, varnished or lacquered surfaces. Not to be used on food preparation surfaces, medical devices or on medical equipment surfaces.
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, restaurants, hotels, motels, 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 malodors.

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.
Disinfection: For hospital disinfecting and cleaning of nonporous hard surfaces, dilute one packet per gallon of warm water. Stir gently for a uniform solution. Apply solution with cloth, mop, sponge, brush, scrubber, coarse spray device or by soaking, 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 pre-cleaning step is required. A-33 Dry 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-33 Dry 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 a Virucide: On environmental surfaces A-33 Dry kills viruses such as Human Immunodeficiency Virus, HIV-1 (commonly known as the AIDS virus), Influenza A, Japan 305/57 (Asian), Parainfluenza 1, Herpes simplex type 1, Herpes simplex type 2, Canine distemper, Canine parvovirus, Feline pneumonitis, Feline rhinotracheitis, Reovirus type 3, and Vaccinia in the presence of 500 ppm hard water and protein provided as 5% blood serum.
*Tested in the presence of residual soap scum.

KILLS HIV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings 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 on surfaces/objects soiled with blood/body fluids.
A-33 Dry 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 local regulations for infectious waste disposal.

Mold and Mildewcide: Apply to surface, wetting it thoroughly. If 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 fungistatic control, repeat application in 14 days or when new growth appears.

Fungicide: Kills *Trichophyton mentagrophytes* (Athletes Foot Fung), *Candida albicans* (pathogenic yeast), *Geotrichum candidum* (isolated from human), and *Microsporium canis* (human, animal pathogen) in the presence of protein (5% blood serum) and soap

Airkem Professional Products, Division of ECOLAB INC.
370 Wabasha Street, St. Paul, MN 55102
5105 Tomken Road, Mississauga, Ont. Canada L4W 2K5

scum in 500 ppm hard water when tested according to EPA virucidal test requirements:
Other Organisms: A-33 Dry has been found to be effective against a wide range of gram negative organisms under the same test conditions.
Staphylococcus aureus ATCC #6538
Salmonella choleraesuis ATCC #19708
Pseudomonas aeruginosa ATCC #15442
Proteus vulgaris ATCC #13315
Escherichia coli ATCC #11229
Enterobacter aerogenes ATCC #13048
Micrococcus tendentarius ATCC #27573
Pseudomonas cepacia ATCC #25416
Salmonella gallinarum ATCC #9184
Salmonella typhi ATCC #6539
Shigella dysenteriae ATCC #25026
Staphylococcus aureus ATCC #114154

Disinfection and Deodorizing of Animal Housing from facilities. Remove litter, waste matter and gross soiled surfaces as described under Disinfection and Deodorizing of Animal Housing.
A-33 Dry has been tested and determined safe to use on animal housing.

PRECAUTIONARY STATEMENT DOMESTIC ANIMALS.

DANGER: Caustic. Powder causes irreversible eye irritation. Use protective eyewear (chemical goggles, safety glasses). Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT AND OTHER PRECAUTIONS

IF IN EYES: Flush immediately with cool water. For prompt medical attention.
IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.
IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, or water. Avoid alcohol.

FOR EMERGENCY MEDICAL INFORMATION, CALL 1-800-4-AIRKEM

STORAGE AND DISPOSAL

Do Not Contaminate Water, Food or Feed by Storage. Store in a cool, dry place. Do not handle or use tightly closed when not in use. **DO NOT FREEZE.** Container Disposal: Triple rinse (or equivalent). Then recycle, or incineration, or, if allowed by state and local regulations, landfill.
Pesticide Disposal: Pesticide wastes are acutely hazardous. If they cannot be disposed of by other means, they must be disposed of by a licensed hazardous waste disposal contractor. Do not contaminate water, food, or feed by storage and disposal. Empty space at the top of the canister.

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print area: 16"x5-3/4"

ink color(s): PMS 355 green and Black

colorbreak: color for product name, inside rounded boxes and inside of icon, black outer icon and everything else

Crop marks are for print area

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV - 5 1999

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

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