

42964-25

5-17-2002

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Brian C. Brosdahl
Manager, North American Registrations
Ecolab Inc.
370 N. Wabasha Street
St. Paul, Minnesota 55102-1390

MAY 17 2002

Subject: A-33 Dry
EPA Registration No. 42964-25
Amendment dated: January 23, 2002
EPA Received date: February 20, 2002

Dear: Mr. Brain C, Brosdahl,

The following amendment submitted in connection with registration under section 3(c)(7)(a) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable.

- Update "First Aid Statement" pursuant to PR Notice 2000-1
- Addition of "Environmental Hazzards Statement to Master label
- Update "Storage and Disposal Statements" pursuant to PR Notice 98-10, PR Notice 84-1 and 83-3
- Addition of "Directions for Use" language for 1.5 ounce package and 4 ounce packet pursuant to PR Notice 98-10.

General Comments

A stamped label is enclosed for your records. Please submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling.

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

Sincerely,



Velma Noble
Product Manager (31)
Regulatory Management Branch1
Antimicrobial Division (7510c)

CONCURRENCES

SYMBOL	7510(c)						
SURNAME	A. Peters						
DATE	5/15/02						

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ACCEPTED
MAY 17 2002
Under the Federal Insecticide, Fungicide, and
Rodenticide Act or authorized, for the
pesticide, registered under
EPA Reg. No. 42964-25

A-33 Dry

Detergent/Disinfectant/Odor Counteractant

Premeasured 1/2 oz. (1.5 oz., 4 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	1.536%
Dioctyl dimethyl ammonium chloride	0.768%
Didecyl 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 chlorides	12.288%
Inert Ingredients	84.640%
Total	100.000%

KEEP OUT OF REACH OF CHILDREN
DANGER

PRECAUTIONARY STATEMENTS - HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive: Powder causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear protective eyewear (chemical goggles, safety glasses, or face shield), rubber gloves, and protective clothing. Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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

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

ENVIRONMENTAL HAZARDS (50 pounds or greater):

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

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 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.

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, food handling areas, 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 mal odors.

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 (1 gallon, 1.5 gallons, or 4 gallons) 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 precleaning 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, 1.5 oz. to 1.5 gallons, 4 oz. to 4 gallons), **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.

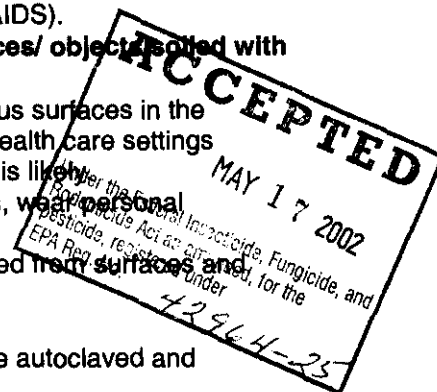
PERSONAL PROTECTION: When handling items soiled with blood or body fluids, wear personal protection such as disposable latex gloves, gowns, masks, or eye coverings.

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.



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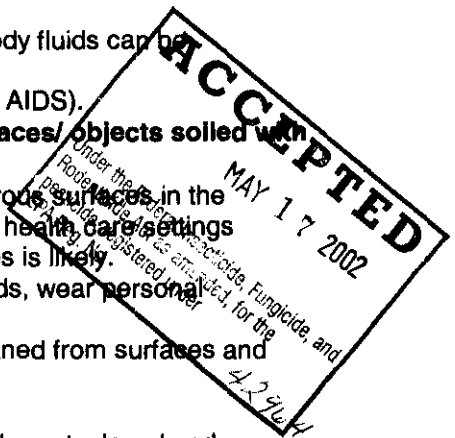
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Fungicide: Kills *Trichophyton mentagrophytes* (Athletes Foot Fungi), *Candida albicans* (pathogenic yeast), *Geotrichum candidum* (isolated from human), and *Microsporium canis* (human, animal pathogen) in the presence of protein (5% blood serum) and soap scum in 500 ppm hard water when tested according to A. O. A. C. Fungicidal Test. Is an effective fungicide when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities.

Other Organisms: A- 33 Dry 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.

<i>Staphylococcus aureus</i>	ATCC #6538	<i>Serratia marcescens</i>	ATCC #9103
<i>Salmonella choleraesuis</i>	ATCC #10708	<i>Shigella flexneri</i>	ATCC #25875
<i>Pseudomonas aeruginosa</i>	ATCC #15442	<i>Klebsiella pneumoniae</i>	ATCC #4352
<i>Proteus vulgaris</i>	ATCC #13315	<i>Campylobacter fetus</i>	ATCC #27374
<i>Escherichia coli</i>	ATCC #11229	<i>Brevibacterium ammoniagenes</i>	ATCC #6872
<i>Enterobacter aerogenes</i>	ATCC #13048	<i>Listeria monocytogenes</i>	(clinical isolate)
<i>Micrococcus sedentarius</i>	ATCC #27573	<i>Escherichia coli</i>	ATCC #29181
<i>Pseudomonas cepacia</i>	ATCC #25416	<i>Haemophilus influenzae</i>	ATCC #19418
<i>Salmonella gallinarum</i>	ATCC #9184	<i>Micrococcus luteus</i>	ATCC #14452
<i>Salmonella typhi</i>	ATCC #6539	<i>Proteus mirabilis</i>	ATCC #9240
<i>Shigella dysenteriae</i>	ATCC #29026	<i>Salmonella enteritidis</i>	ATCC #13076
<i>Staphylococcus aureus</i>	ATCC #14154	<i>Staphylococcus aureus HL121</i>	methicillin resistant
<i>Streptococcus faecalis</i>	ATCC #828	<i>Salmonella schottmuelleri</i>	ATCC #10719
<i>Streptococcus pyogenes</i>	ATCC #19615	<i>Salmonella typhimurium</i>	ATCC #13311
<i>Staphylococcus species</i>	ATCC #12715	<i>Shigella sonnei</i>	ATCC #25931
<i>Vibrio cholerae</i>	ATCC #25873	<i>Staphylococcus epidermidis</i>	ATCC #12228
<i>Corynebacterium diphtheriae</i>	ATCC #11913	<i>Streptococcus mutans</i>	ATCC #25175
<i>Neisseria gonorrhoeae</i>	ATCC #19424	<i>Enterococcus faecalis</i>	ATCC #51299
		(vancomycin resistant)	

Disinfection and Deodorizing of Animal Housing Facilities (Barns, Kennels, Cages, Hutches, etc):

Remove animals and feed from facilities. Remove litter, waste matter and gross soils. Empty all troughs, rack and other feeding and watering equipment. Thoroughly clean all surfaces with soap or detergent and rinse with water. 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. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse. Disinfect surfaces as described under **Disinfection**. Ventilate buildings and other closed spaces. Allow to air dry before reintroducing animals.

A- 33 Dry has been tested and determined acceptable to use on conductive flooring without any deleterious effects.

STORAGE AND DISPOSAL:

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

Pesticide 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.**

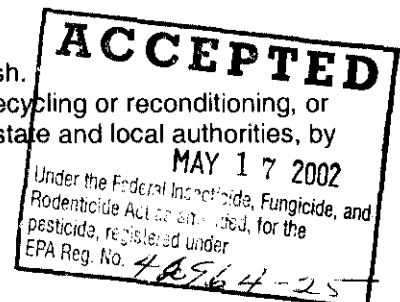
Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Canister/ packet weight is weighed at production site. Packets may gain/ lose weight depending on moisture absorption or evaporation. Empty space at the top of the canister could occur due to compaction/ settling during shipping.

Container Disposal:

(packet) - Do not reuse packet. Wrap packet and put in trash.

(5 pounds or less) - Do not reuse container. Wrap container and put in trash.

(5 pounds or greater, plastic) - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.



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Net Contents:
½ ounce packet (7 g)
1 ounce packet (14 g)
1.5 ounce packet (21g)
4 ounce packet (56 g)

Airkem Professional Products
Division of Ecolab Inc.
370 North Wabasha Street
St. Paul, MN 55102

EPA Reg. No. 42964-25
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-CA-2(R),
1677-OH-1(H), 1677-CA-2(R), 1677-WV-1(V)
303-IN-1(L), 46275-IL-1(M)
Superscript refers to first letter of date code

KEEP FROM FREEZING

ACCEPTED
MAY 17 2002
Under the Federal Insecticide, Fungicide, and
Herbicide Act, provided, for the
pesticide, registered under
EPA Reg. No. 42964-25