

MAR 12 1990

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

Attention: Ann M. Oxford

Product Name: A-33 DRY
 Registration Number 42964-19
 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. In the precautionary statements, delete the word "severe". Also include the statement "Wear goggles or face shield or rubber gloves when handling."
- b. On the front panel, delete "and Statement of Practical Treatment".
- c. Since there are many types of plastics used by the health industry, indicate the type of plastics with which the product is compatible (e.g., polystyrene, polypropylene, polyvinyl chloride, etc).

Note: This information can be placed on the product's label, bulletin, or Company letterhead.

2. The submitted efficacy data are acceptable to support the product's label claims as a disinfectant in the presence of the additional challenge of soap scum. However, the acceptability of the data against Staphylococcus aureus (MRID #413695-01) is pending clarification of the phenol resistance (listed as 1:70) for this organism. The phenol resistance

59129: I:DeTaney:L-10:KENCO:03/05/90:04/10/90:ka:sw:vo:jh:dg

		CONCURRENCES			
SYMBOL	▶				
SURNAME	▶				
DATE	▶				

EPA Form 1320-1 (4-81)

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of Staphylococcus aureus (ATCC #6538) should be 1:60 as stated in section 4.005 of the A.O.A.C. Official Methods of Analysis, 14th Ed., 1984.

3. The submitted virucidal data against the Canine Parvovirus (MRID #413695-07) is not considered to be directly related to human health. Therefore, under the efficacy data waiver, such data are not required to be submitted or reviewed.

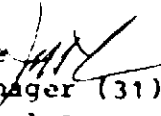
Submit five (5) copies of your final printed labeling before you release the product for shipment.

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-33 DRY

1/2 OZ. PREMEASURED DETERGENT-DISINFECTANT AND ODOR COUNTERACTANT FOR HOSPITAL AND INSTITUTIONAL USE

ACTIVE INGREDIENTS:

n-Alkyl (60% C₁₂, 30% C₁₄, 5% C₁₆, 5% C₁₈) dimethyl benzyl ammonium chlorides 5.8%

n-Alkyl (68% C₁₂, 32% C₁₄) dimethyl ethylbenzyl ammonium chlorides 5.8%

INERT INGREDIENTS:

Mercurio-Essential O1 Odor Control Agents 88.4%

KEEP OUT OF REACH OF CHILDREN

DANGER

PELIGRO. Manténgase fuera del alcance de los niños.

PELIGRO. Manténgase fuera del alcance de los niños. Manténgase fuera del alcance de los niños.

Net Weight 2.81 lbs.

Approx. 90 water soluble packets each weighing 1/2 oz.



A Service of

ECOLAB

800-541-4394
EPA # 40941

ACI 1111
11/12/10
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A 33 DRY has been found effective against *Human immunodeficiency virus* (HIV) 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 virucide fungicide deodorant that works effectively in the presence of protein 5% blood serum and soap scum when used as directed.

A 33 DRY is a concentrated, premeasured detergent-disinfectant-odor counteractant. Its heptagonal, nonionic detergents and alkaline builders provide the wetting, penetrating, suspending and emulsifying action needed for even the most difficult soils. The low-foaming action leaves surfaces spot-free.

Odor control agents in **A 33 DRY** actually counteract odors to leave the area smelling fresh and clean. Arkem's famous air-freshened effect.

A 33 DRY is intended primarily as a heavy-duty cleaner where positive disinfection and odor counteraction are required. It is unsuitable for cleaning **insert ① attached**

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. One container (90 packets) makes 90 gallons of solution.

Disinfection: For hospital disinfecting and cleaning of nonporous hard surfaces, dilute one packet per gallon of warm water. Stir gently for a uniform solution so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes. Remove solution and entrapped soil with a clean wet mop. Wash or wet vacuum soiled areas. A pre-cleaning step is required.

A 33 DRY gives approximately 450 ppm of one of the more potent combinations of germicides available.

Effective as Virucide: On environmental surfaces. **A 33 DRY** kills viruses such as *Human immunodeficiency virus* (HIV) commonly known as the AIDS virus; *Influenza A* (Aichi); *Picornavirus 1* (Sindbis); *Herpes simplex type 1*; *Herpes simplex type 2*; *Coxsackie*; *Cytomegalovirus*; *Herpes parvovirus*; *Herpes rhinotracheitis*; *Rubella virus*; *Poliovirus type 2* and *Poliovirus type 1* in the presence of protein 5% blood serum. This test is the presence of residual soap suds.

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 (AIDS) virus on hard nonporous materials 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 (AIDS) virus on inanimate surfaces is likely.

PRELIMINARY PRETREATMENT: When handling items soiled with blood/body fluids, wear protective gloves such as disposable latex gloves, gloves, masks, or eye coverings.

PRELIMINARY PRETREATMENT: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of **A 33 DRY**.

CONTACT TIME: 10 minutes.

DISPOSAL OF INFECTIOUS MATERIALS: Blood and other body fluids should be disposed of in accordance with applicable regulatory requirements for disposal of infectious waste.

Emergency: Kill *Z. mays* in *Microsporum* (Athletes foot fungus), *Candida albicans* (athlete's yeast), *Trichophyton* (ringworm), *Aspergillus* (mold), *Staphylococcus aureus* (animal pathogen), *Mycobacterium canis* (human, animal pathogen) in the presence of protein 5% blood serum and soap scum when tested according to AICAC, Fungicidal Test.

Other Organisms: **A 33 DRY** has been found to be an effective disinfectant against gram positive and gram negative organisms in the presence of protein 5% blood serum. AICAC Use Dilution Confirmation Test.

<i>Staphylococcus aureus</i>	ATCC # 6538	<i>Streptococcus faecalis</i>	ATCC # 9786
<i>Salmonella choleraesuis</i>	ATCC # 10709	<i>Streptococcus pyogenes</i>	ATCC # 19615
<i>Pseudomonas aeruginosa</i>	ATCC # 15442	<i>Staphylococcus species</i>	ATCC # 1, 215
<i>Proteus vulgaris</i>	ATCC # 13315	<i>Vibrio cholerae</i>	ATCC # 75873
<i>Escherichia coli</i>	ATCC # 11229	<i>Corynebacterium diphtheriae</i>	ATCC # 11293
<i>Enterobacter aerogenes</i>	ATCC # 13048	<i>Neisseria gonorrhoea</i>	ATCC # 19474
<i>Micrococcus sedimentarius</i>	ATCC # 27573	<i>Serratia marcescens</i>	ATCC # 9107
<i>Pseudomonas cepacia</i>	ATCC # 25416	<i>Shigella flexneri</i>	ATCC # 25975
<i>Salmonella gallinarum</i>	ATCC # 9174	<i>Neisseria pneumoniae</i>	ATCC # 4357
<i>Salmonella typhi</i>	ATCC # 6539	<i>Brevibacterium ammoniacovis</i>	ATCC # 6872
<i>Shigella dysenteriae</i>	ATCC # 29026	<i>Listeria monocytogenes</i>	technical isolate
<i>Staphylococcus aureus</i>	ATCC # 14154		

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes eye damage and severe skin irritation. Do not get in clothing. Harmful if swallowed. Avoid contamination of food. Do not use buckets, plastic breathing sprayed mist.

STATEMENT OF PRACTICAL TREATMENT: In case of contact, immediately flush with at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing promptly a large quantity of water, egg whites or gelatin solution. Never give anything by mouth to someone who has swallowed. If you have been exposed and do not feel a physician immediately. NOTE TO PHYSICIAN: Probable mucosal damage may occur. Measures against circulatory shock, respiratory depression and convulsion may be necessary.

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Storage: Store in cool, dry place. Do not handle packets with wet hands. Do not remove packets until ready to use. Keep container tightly closed when not in use. Do not freeze.

Container Disposal: Triple rinse for equivalent. Then offer for recycling or reconditioning, sanitary landfill, or incineration, if allowed by state and local authorities, by burning.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide is a violation of Federal Law. If these wastes cannot be disposed of by use according to State Pesticide or Environmental Control Agency, or the Hazardous Waste Regulations, follow these instructions.

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

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② cloth, mop, sponge, brush, scrubber, powered or mechanical spray device or by soaking,

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 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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAR 12 1990

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Product Name:
EPA Reg. No.
12964-19