

A-33.

HEAVY DUTY DETERGENT- DISINFECTANT-ODOR COUNTERACTANT FOR HOSPITAL AND INSTITUTIONAL USE

ACCEPTED

JUL 05 1980

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 42964-5

Active Ingredients:

n-alkyl 15.0% C₁₂, 30% C₁₄, 5% C₁₆, 5% C₁₈ dimethyl benzyl
ammonium chlorides 3.0%
INERT INGREDIENTS: 97.0%

KEEP OUT OF REACH OF CHILDREN WARNING

See Side Panel for Additional Precautionary Statements and First Aid
Instructions.

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

Net Contents: 30 Gallons
(114 Liters)

EPA Reg. No. 42964-5
EPA Est. #677 IL 2 LB #677 MN 1 E3
#677 NJ 1 NY #677 CA 1 CS
#677 TX 1 OR #677 PR 1 RR
#677 GA 1 QB

Superscript refers to first letter of date code.

Airkem A Service of
PROFESSIONAL PRODUCTS **ECOLAB**

A-33 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 is a balanced formulation combining Airkem's true odor counteractants,
a non-ionic synthetic detergent, a quaternary ammonium compound, organic
chelating agents and synergizing builders... 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.

A-33 is intended primarily as a heavy duty cleaner where disinfection and
true odor counteraction are also indicated. It is unsuited for washing hard
nonporous surfaces such as porcelain, tile, glass, stainless steel, chrome and
does not damage washable painted, varnished or lacquered surfaces. It can
be used on nonporous surfaces such as walls, tables, floors and other
similar surfaces. Because A-33 rinses spot-free, it is particularly suitable for
linoleum, rubber sealed cork, vinyl and asphalt tile floors. It has superior
rinsing qualities and is an excellent cleaner for marble or terrazzo. A-33 is
recommended for use on conductive flooring.

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 acidic soaps
and detergents.

Mix 2 oz. of A-33 with one gallon of water—hot or cold. Apply one dilution
with a

Wet all surfaces thoroughly and allow
to remain wet for 10 minutes. No rinse necessary unless used on food
contact surfaces. Treated food contact surfaces must be rinsed with potable
water prior to reuse. For heavily soiled areas, a pre-cleaning step is required.

As a detergent: A-33's biodegradable detergents in combination with
synergizing builders (a) loosen soil through superior wetting and penetrating
action; (b) suspend insoluble matter in solution; and (c) emulsify oil and
grease. Low foaming A-33 leaves surfaces soil-free and film-free.

As a disinfectant: Used as directed (2 oz. per gal. or 1 to 64 A-33
provides approximately 400 ppm (quaternary) of one of the most potent
germicides commercially available enhanced by chelating agents which
inactivate metallic ions to increase effectiveness. On environmental
nonporous surfaces A-33 rapidly destroys a broad range of gram positive
and gram negative organisms such as those listed below.

A-33 was tested according to A.O.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 # 6520	<i>Streptococcus faecalis</i>	ATCC # 630
<i>Staphylococcus chlorureus</i>	ATCC # 10708	<i>Streptococcus pyogenes</i>	ATCC # 19615
<i>Pseudomonas aeruginosa</i>	ATCC # 15442	<i>Staphylococcus epidermidis</i>	ATCC # 12228
<i>Prionus valpey</i>	ATCC # 13315	<i>Micrococcus luteus</i>	ATCC # 29813
<i>Escherichia coli</i>	ATCC # 11228	<i>Corynebacterium diphtheriae</i>	ATCC # 11013
<i>Enterobacter aerogenes</i>	ATCC # 13638	<i>Bacillus pasteurii</i>	ATCC # 19424
<i>Micrasporium canis</i>	ATCC # 27573	<i>Serratia marcescens</i>	ATCC # 19103
<i>Pseudomonas species</i>	ATCC # 25416	<i>Shigella flexneri</i>	ATCC # 29875
<i>Staphylococcus pallidus</i>	ATCC # 9004	<i>Shigella sonnei</i>	ATCC # 4362
<i>Staphylococcus typhi</i>	ATCC # 1620	<i>Campylobacter jejuni</i>	ATCC # 27224
<i>Shigella dysenteriae</i>	ATCC # 29828	<i>Bacteroides amaraeformis</i>	ATCC # 6772
<i>Staphylococcus aureus</i>	ATCC # 11418	<i>Lactobacillus acidophilus</i>	ATCC # 11418

As a Fungicide at 1:64: Kills *Trichophyton mentagrophytes* (Athlete's Foot
Fung), *Candida albicans* (pathogenic yeast), *Geotrichum candidum* (isolated
from human), and *Micrasporium canis* (human, animal pathogen) in the
presence of protein 5% blood serum and soap scum when tested
according to A.O.A.C. Fungicidal Test.

As a Mildewicide at 1:64: Kills *Aspergillus niger* which causes "Black
Mildew" on contact on environmental surfaces.

As a Virucide at 1:64: On environmental surfaces: *Human Immunodeficiency Virus*,
Influenza A, *Urethra*, *Parainfluenza 1* (Sendai), *Coxsackie*,
Herpes simplex type 1, *Herpes simplex 1*,
Rhinotracheitis, *Rotavirus type 3*, and *Adenovirus type*
*Tested in the presence of residual soap scum.

Special instructions for cleaning and disinfecting environmental
surfaces/objects soiled with blood/body fluids.

A-33 is effective as a virucide against HIV-1 (AIDS) on
porous surfaces in the presence of moderate amounts
blood serum when used in health care settings when
presence of HIV-1 (AIDS) virus on inanimate surfaces |
PERSONAL PROTECTION: When handling items soiled
fluids, wear personal protection such as disposable
mask, or eye coverings.

CLEANING PROCEDURE: Blood and other body fluids |
cleaned from surfaces and objects before application |
CONTACT TIME: 10 minutes.

DISPOSAL OF INFECTIOUS MATERIALS: Blood and other
be autoclaved and disposed of according to local
waste disposal.

As a Fungicide: Apply one dilution (1:64) to problem
surfaces. Wet surfaces thoroughly. If not washed or rub
the growth of mold and mildew on environmental sur-
faces. To maintain fungistatic control repeat application
new growth appears.

For other specialized cleaning and disinfecting operate
Airkem Professional Products representative.

PRECAUTIONARY STATEMENTS: HAZARDOUS AND DOMESTIC ANIMALS

WARNING: May cause eye damage or skin irritation
eyes or on skin or on clothing. Harmful if swallowed,
of food. Avoid breathing spray mist.

STATEMENT OF PRACTICAL TREATMENT: In case
immediately flush eyes or skin with plenty of water for
For eyes, call a physician. Remove and wash contents
route. If swallowed, drink a large quantity of water, a
solution. Avoid alcohol. Never give anything by mouth
person. Call a physician.

FOR EMERGENCY MEDICAL INFORMATION, CALL
1-800-328-9828.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or
Storage: Store at ambient temperature. Keep container
net in use. Do not freeze.

Container Disposal: Triple rinse (or equivalent). Then
reconditioning, or puncture and dispose of in a similar
incineration, or, if allowed by state and local authorities
burned, stay out of smoke.

Pesticide Disposal: Pesticide wastes are acutely toxic
disposal of excess pesticide, spray mixture, or rinsate |
Federal Law. If these wastes cannot be disposed of by
label instructions, contact your State Pesticide or Control
Agency, or the Hazardous Waste representative of the
Office for guidance.

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

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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.

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

