

ACCEPTED
 MAY 29 1975
 UNDER THE FEDERAL INSECTICIDE
 FUNGICIDE AND RODENTICIDE ACT
 FOR ECONOMIC POISON REGISTER-
 ED UNDER NO. 3533-12

112236



HOW A-33 WORKS: 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 cleaning, disinfecting and counteracting of odors in one labor saving operation.

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: A-33 has a Phenol Coefficient of 20 (*S. typhosa*) and 32 (*S. aureus*). Used as directed (2 ozs. per gal. or 1 to 64) A-33 provides approximately 460 ppm (quaternary) of one of the most potent germicides commercially available enhanced by chelating agents which inactivate metallic ions to increase effectiveness. On environmental surfaces A-33 rapidly destroys a broad range of gram positive and gram negative organisms such as those listed on the opposite panel. A-33 was tested according to A.C.A.C. (11th ed.) Use-Dilution procedure at 20°C, against the following organisms:

HEAVY DUTY DETERGENT DISINFECTANT ODOR-COUNTERACTANT
 For Hospital and Institutional Use

ACTIVE INGREDIENTS: methyl (20.40g, 47.5 G., 57.5 G., 50.0 G.)
 Ethylmethylammonium chloride 3.0000
 Ethanol 40% 2.0000
 Tetrasodium ethylenediamine tetraacetate 3.1000
PRINT COMPONENTS 11.9000
 EPA Reg. No. 0170-12 EPA Est. No. 0100-NH-1

WARNING: Keep Out of Reach of Children.
 See Safety Data Sheet for complete directions and first aid.

NET CONTENTS 1 GALLON

<i>Staphylococcus aureus</i> 1:64	<i>Serratia marcescens</i> 1:64
<i>Salmonella choleraesuis</i> 1:64	<i>Shigella flexneri</i> 1:64
<i>Pseudomonas aeruginosa</i> 1:64	<i>Klebsiella spp.</i> 1:64
<i>Protocus vulgaris</i> 1:64	<i>Aspergillus</i>
<i>Escherichia coli</i> 1:64	<i>niger</i> (mildew) 1:64
	<i>Candida albicans</i> 1:64

Fungicidal (1:64) vs. *Trichophyton interdigitale* (Athletes Foot Fungi) when tested according to A.C.A.C. (11th ed.) fungicidal test.

Mildewicidal (1:64)—kills *Aspergillus niger* which causes "Black Mildew" on contact on environmental surfaces.

Virucidal (1:64)—on environmental surfaces kills *Influenza A₂* (Nishi), *Parainfluenza* (Sendai), *Canine Distemper*, *Feline Pneumonitis*, *Herpes Simplex*, and *Vaccinia viruses*.

As A Fungistat: Apply use dilution (1:64) to pre-cleaned hard non-porous surface. Wet surface thoroughly. If not washed or rubbed off, it will control the growth of mold and mildew on environmental surfaces for a period of 7 days. To maintain fungistatic control repeat application in 7 days or when new growth appears.

DIRECTIONS: Mix 2 ozs. of A-33 with one gallon of water—hot or cold. A-33 contains a detergent equally effective in hard or soft water.

Apply use-dilution with a cloth, sponge, mop, brush or sprayer. Wet all surfaces thoroughly. No rinsing necessary unless used on food contact surfaces. Treated food contact surfaces must be rinsed with potable water prior to reuse.

USES: A-33 is intended primarily as a heavy duty cleaner when diluted in hot and cold water for use in all industrial, institutional, and domestic environments such as hospitals, hotels, schools, homes, churches, and day care centers. It is also suitable for use in food processing plants, dairies, and other food contact surfaces. A-33 may be used on all types of hard surfaces including metal, wood, plastic, vinyl, and asphalt. It is also suitable for use on painted surfaces, and on all types of hard surfaces. It is also suitable for use on all types of hard surfaces.

PRECAUTIONS: Do not use on painted surfaces or on delicate materials. Do not get in eyes or on skin or on clothing. Wash off if on skin. Avoid contact with food. Avoid contact with eyes.

TESTING: In case of doubt, test thoroughly for absence of growth. Place on surface for at least 15 minutes. Remove and observe for growth.

If you cannot detect mold or mildew on a surface, it may be that the surface is clean and free of mold and mildew. If you cannot detect mold or mildew on a surface, it may be that the surface is clean and free of mold and mildew.

STORAGE: Store in a cool, dry place. Do not store in a hot, humid environment. Do not store in a hot, humid environment.

MANUFACTURER: ...