

acco 9-11

DISINFECTANT CLEANER & DEODORANT

Staphylocidal • Pseudomonacidal • Tuberculocidal • Fungicidal

One-step, no-rinse disinfectant-cleaner-deodorant biocidally active against a broad spectrum of pathogenic organisms, for Hospital, Institutional and Industrial use. Cleans, disinfects and deodorizes in economical 1 oz. to 1 gal. solution. Phenol coefficient vs Staph. aureus, 9; vs. S. typhosa, 11. Residual bacteriostatic action, UL listed for conductive floors, does not lift or mar floor finishes, leaves no scum. Cleaning base biodegradable.

ACTIVE INGREDIENTS: Isopropyl alcohol, potassium coconut soap, ortho-phenylphenol, sodium salt of linear dodecyl benzene sulfonate, potassium xylene sulfonate, 4-chloro-2-cyclopentyl phenol, ortho-benzyl-para-chlorophenol, para-tertiary amyphenol, trisodium salt of N-hydroxyethylethylene diamine triacetic acid, 28.3%.

INERT INGREDIENTS: Water, tetrapotassium pyrophosphate, 71.7%.

DIRECTIONS

Dilute as directed. Do not mix with other cleaners.

To clean, disinfect and deodorize nonporous surfaces: floors, walls, kitchen equipment, washroom fixtures, showers, lockers, garbage and refuse cans, laboratory equipment, and for damp mopping and machine sanitizing, use a 1:128 solution. For porous or grossly contaminated surfaces, use 1:128 solution but give special attention to thorough cleaning. To clean and disinfect instruments and rubber articles, soak 15 min. in a 1:64 solution.

CAUTION KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid getting in eyes. Avoid skin contact with concentrate. Do not take internally. In case of contact with eyes, flush repeatedly with water. Call physician. Avoid contamination of food.

1363-24

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Form 9327



ACME GENERAL HEADQUARTERS, MILWAUKEE, WIS.

USDA Reg. No. 1363-24

Printed in U.S.A.

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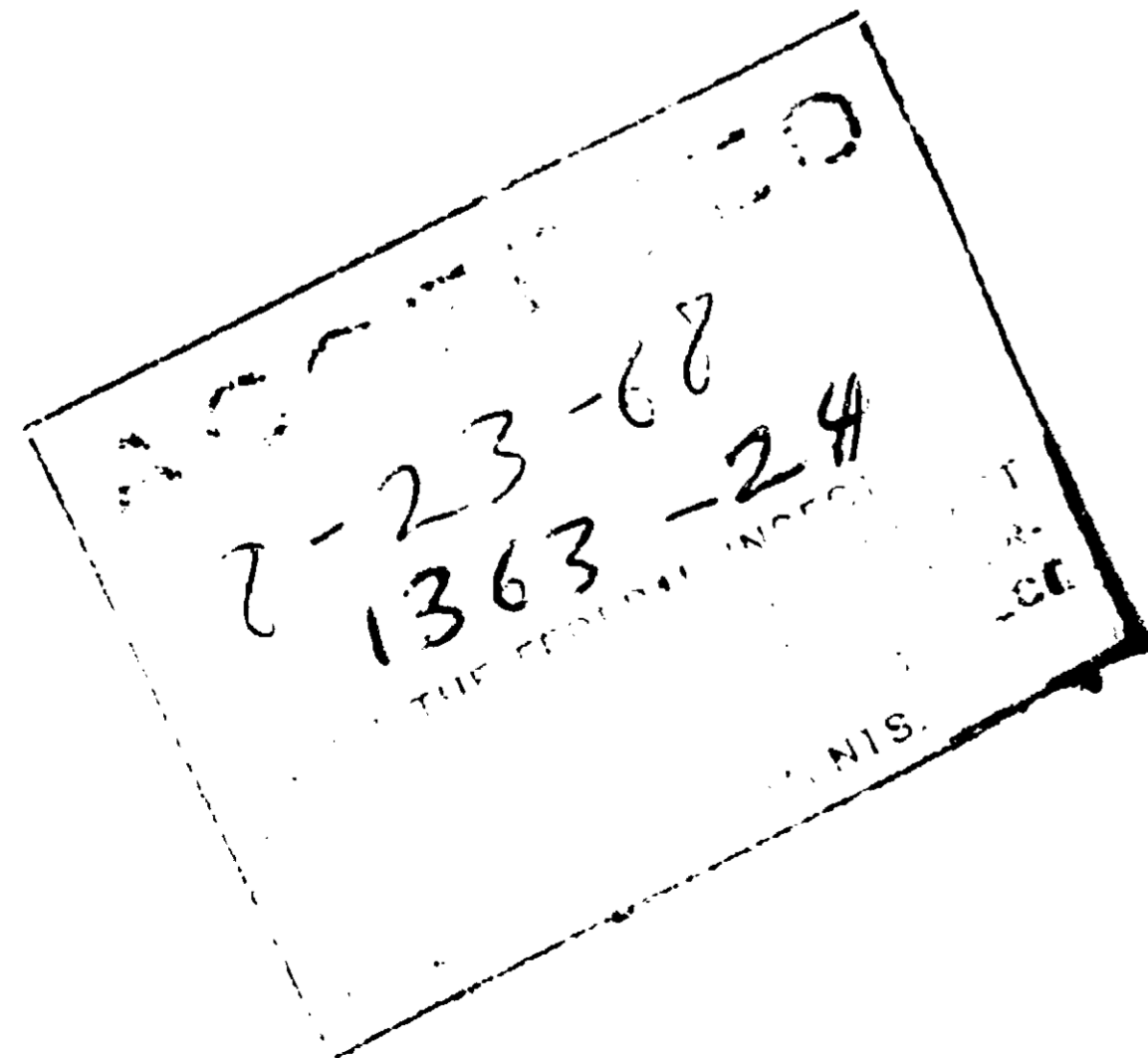
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FOR OVER SEVENTY YEARS QUALITY ABOVE ALL
ACCO GENERAL HEADQUARTERS: MILWAUKEE, WIS.
Manufacturing Plants Milwaukee, Wis & Los Angeles, Calif

USDA Reg.
No. 1363-24

Printed in U.S.A.

in hospital environmental sanitation

Staphylocidal, Pseudomonacidal, Tuberculocidal, Fungicidal . . .

A newly structured cleaning-disinfecting compound of substituted phenols thoroughly use tested for broad spectrum kill of most pathogens, especially those known to present hazards to health in the hospital environment. Acco 9-11 destroys vegetative Gram-positive and Gram-negative bacteria, including Staphylococcus, Pseudomonas and Salmonella, also tuberculosis bacilli and fungi, in a use dilution of 1:128. It rapidly dissolves both dry and oily soils, leaving no scum, salts or undesirable film, and is applicable to all surfaces not harmed by water. In its biological action and destruction of putrefactive organisms, it exerts appreciable deodorizing effect upon organic and certain chemical odors.

. . . The chemical, physical and germicidal properties of Acco 9-11 are presented in this brochure, together with recommendations for use in hospital environmental sanitation.

CHEMICAL and PHYSICAL

cleansing action	synthetic cleaning agents blended with detergents to dissolve, emulsify and suspend soil	sudsing conductivity	low level foam; rapid breakdown; no adverse effect upon conductivity. UL listed
deodorizing	achieved by killing vegetative forms of putrefactive bacteria	biodegradability	cleaning base classified as biodegradable
residual activity	achieved by a broad spectrum of long life germicides and contact bactericides. While activity varies with concentration, temperature and contact time, it remains active	film residue	no stain
color stability	formulated to be colorfast	discoloration	no staining to floor finishes
ph	9.0-10.0 (pH)	corrosion factor	no corrosion to metals in normal exposure
density	11.2 lbs/gal (1.55 sp. grav.)	cold stability	excellent. No crystallization at low temperatures
viscosity	1.5-2.0 cps (20°C)	heat stability	excellent
flamability	non-flammable in contact with water	odor	pleasant
		flammability	non-flammable

GERMICIDAL

Phenol Coefficient Determination

ASSAY: The germicidal activity of the sample was determined by the phenol coefficient method using the A.O.C. 1 to E.P.H. 5001. The organisms employed were *Staphylococcus aureus* ATCC 6538 and *Salmonella typhi* ATCC 6739.

RESULTS:

Sample No.	<i>Staphylococcus aureus</i>			<i>Salmonella typhi</i>		
	Dilution	Contact Period minutes	No. Positive Tubes	Dilution	Contact Period minutes	No. Positive Tubes
	5	10	15	5	10	15
6538	1:1000	—	—	1:500	—	—
6538	1:100	—	—	1:700	—	—
6538	1:20	—	—	1:90	—	—
6538	1:2	—	—	1:100	—	—
6538	1:1	—	—	1:40	—	—
6538	1:0	—	—	1:10	—	—
6739	1:1000	—	—	1:400	—	—
6739	1:100	—	—	1:100	—	—
6739	1:20	—	—	1:100	—	—
6739	1:2	—	—	1:100	—	—
6739	1:0	—	—	1:100	—	—
PHENOL COEFFICIENT:		1.46		1.46		11

Use Dilution Tests

ASSAY: The sample was tested for germicidal effectiveness against various organisms according to the Use Dilution method (AOAC, 10th Ed. 5.007).

CONCLUSION: The test sample passes the Use Dilution test at a dilution of 1:128 against all of the organisms referred to.

The dilution employed was 1:128.

RESULTS: ATCC#	Organisms	Positive Tubes	Negative Tubes	Gram Reaction	Appearance of Bacteria
14154	<i>Staphylococcus aureus</i> , antibiotic resistant	0	10	+	cocci
6538	<i>Staphylococcus aureus</i> , 1,2*	0	10	+	cocci
15442	<i>Providencia aeruginosa</i>	0	10	—	rod
6739	<i>Salmonella typhi</i> 1	0	10	—	rod
10708	<i>Salmonella choleraesuis</i>	0	10	—	rod
11229	<i>Streptococcus hemolyticus</i>	0	10	+	cocci
(F.H.C. 40)	<i>Streptococcus faecalis</i>	0	10	+	cocci
	<i>Candida albicans</i>	0	10	Yeast	
(Strain 32) C.D.C.	<i>Tribolium destructor</i>	0	10	Fungi	

* Phenol resistance of test organisms

	Dilution	5	10	15
<i>Staphylococcus aureus</i> ATCC 6538	1:60	+	—	—
	1:70	+	—	—
<i>Salmonella typhi</i> ATCC 6739	1:90	+	—	—
	1:100	+	—	—
<i>Salmonella choleraesuis</i> ATCC 10708	1:90	+	—	—
	1:100	+	—	—

The sample also passes the test against *S. aureus* ATCC 6538 at a dilution of 1:128, providing a margin of safety in actual use at a dilution of 1:128.

ACCO 9-11

A concentrated, one-step, moisture-insoluble floor cleaner-deodorant containing a blend of germicidally active phenols carefully balanced for broad spectrum kill of micro organisms under a wide range of use conditions. It cleans, kills most pathogens, including fungal and vegetative forms of putrefactive bacteria, and neutralizes odors, including that of urine. It is safe when used in the concentration recommended on the label.

The reports below of tests performed by an independent laboratory, reveal that ACCO 9-11 is effective against all pathogens, notably those organisms of public health importance. Included are *Staphylococcus aureus* and *Salmonella typhi*, as well as the tubercle bacillus *Mycobacterium tuberculosis*. It offers a reserve of power as indicated in footnote

to the Use Dilution Tests. Its activity vs. *M. tuberculosis* is documented by AOAC 90-day incubation tests, now standard.

ACCO 9-11 is broad-spectrum, whether applied to a white tile floor or a black tile floor. It is a dry, low-foaming liquid, and is safe for use on most floor finishes.

Active Ingredients: Isopropyl alcohol (74.1%), formaldehyde (3.6%), citric acid (1.7%), sodium hypochlorite (1.6%), sodium hydroxide (1.2%), water (10.8%).

Inert Ingredients: Water, tripolysiloxane, propyl paraben, 2-BE.

Tuberculocidal Activity

ASSAY: The sample ACCO 9-11 was tested for tuberculocidal activity against *M. tuberculosis* with the AOAC 90-day incubation test (AOAC 10th Ed. 5.007). The organisms employed were *Mycobacterium tuberculosis* ATCC 19619 and *Mycobacterium tuberculosis* H37Rv.

CONCLUSION: The test sample of ACCO 9-11 was tested for tuberculocidal activity against *M. tuberculosis* ATCC 19619 and *M. tuberculosis* H37Rv, the AOAC test organisms. The following table summarizes the results.

RESULTS: Test organisms: *M. tuberculosis* ATCC 19619 and H37Rv. Exposure: 10 minutes at 20°C. Incubation: 90 days at 37°C. Number of carriers exposed: 100.

Sample	Dilution	Number of Carriers Exposed	Number of Carriers Showing Growth in Media #1	Number of Carriers Showing Growth in Media #2	Number of Carriers Showing Growth in Media #3	Total Positive Carriers
Test Material	1:128*	100	0	0	0	0
Control (USDA Colimated Product)	1:128	100	100	100	100	100
Media #1	<i>Mycobacterium tuberculosis</i> ATCC 19619	100	100	0	0	100
Media #1	<i>Mycobacterium tuberculosis</i> H37Rv	100	100	0	0	100
Media #2	<i>Mycobacterium tuberculosis</i> ATCC 19619	100	100	0	0	100
Media #2	<i>Mycobacterium tuberculosis</i> H37Rv	100	100	0	0	100
Media #3	<i>Mycobacterium tuberculosis</i> ATCC 19619	100	100	0	0	100
Media #3	<i>Mycobacterium tuberculosis</i> H37Rv	100	100	0	0	100

* Dilution of 1:280 is also indicated for the test material. This is the minimum dilution of 1:280 is also indicated for the test material. This is the minimum dilution of 1:280 is also indicated for the test material. This is the minimum dilution of 1:280 is also indicated for the test material.

The sample also passes the test against *M. tuberculosis* ATCC 19619 and H37Rv at a dilution of 1:128, providing a margin of safety in actual use at a dilution of 1:128.