

PM 31 10634-7 1/1  
1-11-90

Cross-infection is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. ALPHA BAC100 is formulated for this problem area. It both cleans and disinfects effectively when used as directed. Its hard surface disinfecting action will reduce the hazard of cross-infection.

Two ounces of ALPHA BAC100 per gallon of water will deodorize bathrooms, garbage storage areas, and other areas where bacterial growth can cause mal odors.

### DANGER

Keep out of reach of children. Causes severe eye and skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid contamination of food.

**FIRST AID:**  
In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash all contaminated clothing before reuse. If swallowed, drink promptly a large quantity of water. Avoid alcohol. Call a physician immediately.

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**DANGER**  
**KEEP OUT OF REACH OF CHILDREN**  
See side panel for additional precautions

Cleaner-Disinfectant-Deodorizer-Fungicide  
for Hospital and Institutional Use

# ALPHA BAC100

**AOAC Phenol Coefficients**

Staph. aureus (ATCC No. 6538)	100
Salmonella typhosa (ATCC No. 6539)	50

**Active Ingredients**

Dioecyl dimethyl ammonium chloride..... 4.5%

Inert Ingredients.....95.5%

Contains Tetrasodium ethylenediamine tetraacetate

EPA Est. No. 10634-MA-1  
Net Contents: ONE U.S. GALLON EPA Registration No. 10634-B

**MANUFACTURED BY**  
**ALPHA CHEMICAL SERVICES, INC. - STURGEON, MISS.**

**USE DIRECTIONS:**

Apply ALPHA BAC100 to walls, floors and other hard surfaces such as tables, chairs and bed frames with a cloth or mop. For heavily soiled areas, a preliminary cleaning may be required.

**For Hospitals & Nursing Homes:** Add two ounces per gallon of water.

At two ounces per gallon use-level, ALPHA BAC100 is effective against Pseudomonas aeruginosa, Staphylococcus aureus, Salmonella choleraesuis, Escherichia coli, and pathogenic fungi. Germicidal performance against the first four organisms has been confirmed by the AOAC Use-Dilution Test. Fungicidal performance was determined against T. interdigitale by the AOAC Fungicidal Test.

**For Schools, Institutional and Industrial Uses:** Add one ounce per gallon of water.

At one ounce per gallon use-level, ALPHA BAC100 delivers excellent cleaning and is germicidal. It is effective against Staphylococcus aureus, Salmonella choleraesuis, Escherichia coli, and Trichophyton interdigitale, the athlete's foot fungus. The same AOAC tests used above to confirm suitable performance for hospitals were used.

Rinse empty container with water before discarding.

Not Reviewed. Registrant claims to be in accordance with registration of Pesticide Product Guidance for Phase 2 Response, Page 2.12, Active to Inert Change in Status.

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ler. spray under shrubbery and the grass next to house.

\*\*Lawn Billbugs: Water the lawn thoroughly immediately after treatment.

In the North, if Chinch Bugs are the only lawn insect problem, a lower rate of application can be used.

1/4 fl. oz. in 3 gals. of water covers 125 sq. ft.

Millipedes, 2 fl. oz. in 3 gals. of water covers 125 sq. ft. thoroughly wet grass a few hours before applying.

Rhodesgrass Scales  
1 fl. oz. in 3 gals. of water covers 100 sq. ft.  
Apply when Scale Crawlers first emerge.

Ants, Digger Wasps  
1 fl. oz. in 3 gals. of water covers 125 sq. ft.  
Spot spray ant hills and wasp ground nest openings.  
\*Make the application when the wasps are not active.

Billbugs\*, White Grubs\*\* of Japanese Beetle, European Chafar, Southern Chafar.  
1 fl. oz. in 3 gals. of water covers 125 sq. ft.  
Water grass thoroughly after application.

\*Billbug control. Apply when activity is first observed or when chewed or brown grass is present, indicating damage from the insect.

\*\*Grub control. Make application any time between late July and early October.

Hyperodes Weevil (New York only)  
1/4 fl. oz. in 3 gals. of water covers 125 sq. ft.  
Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.

**Fire Ants**

To aid in the control of fire ants in lawns and other recreation areas, apply 1 fl. oz. (2 tbsp.) in a minimum of 1 gal. of water as a drench. Apply over and 6 inches around each mound. Apply gently to avoid disturbing ants. Repeat as necessary. Larger quantities of solution can be prepared for multiple mound treatments. Use equipment capable of delivering the diluted products as a gentle rain at the rate of 1 gal. per mound. High pressure sprays may disturb the ants and cause migration, reducing product effectiveness.

Note: For best results, apply in cool weather, 65-80°F, or in early morning or late evening hours. Treat new mounds as they appear.

**Trees & Shrubs**

Wet leaves and branches to the dripping point. Try to penetrate dense foliage.

Arborvitae, Azalea, Birch, Boxwood, Camellia, Douglas Fir, Elm, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Mimosa, Oak, Pine, Plum, Poplar, Rhododendron, Spruce, Willow  
Aphids, Bagworms, European Pine Shoot Moths, Holly Bud Moths, Diterous Leaf Miners (Arborvitae, Azalea, Birch, Boxwood, Holly, Oak), Leafhoppers, Mealybugs, Mites (Clematis, Cyclamen, European Red, Privet, Two-spotted Spider), Obscure Root Weevils, Omnivorous Leaf Tiers, Scale Crawlers (Cottony-cushion, Eucynimus, Lecanium, Pine Needle, Pitt scale, San Jose, Soft).  
1 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.  
Webworms, (Juniper, Mimosa\*), Whiteflies

1 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.

\*Mimosa Webworms: Apply as a thorough foliar spray when adults first appear. Make two additional applications at 4-5 week intervals.

Apple-and-Thorn Skeletonizers, Hemlock Chermes, Oak Leafers, Oblique-banded Leaf Rollers, Pear Slugs, Tent Caterpillars, Webworms (Cottonaster, Fall)

3 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.

**Roses & Flowers**

Wet the plants to the dripping point. Try to hit underside of leaves and penetrate dense foliage.

Azaleas, Camellias, Chrysanthemums, Carnations, Gladioli, Lilac, Rhododendron, Roses  
Aphids, Eucynimus Scale Crawlers, Flea Beetles, Diterous Leaf Miners, Leafhoppers, Mealybugs, Mites, (Carnation Bud, Carnation Shoot, Cyclamen, European Red, Two-spotted Spider), Thrips, Whiteflies.  
1 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.

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