

MAY 14 1988

Alpha Chemicals Service, Inc.  
46 Morton Street  
P.O. Box 431  
Stoughton, MA 02072

Attention: Elise Vilkas

Gentlemen:

Subject: Alpha Bac  
EPA Registration No. 10634-8  
Your Amendment Application Dated December 17, 1986

The amendment referred to above, submitted in connection with the Label Improvement Program Notice for Antimicrobial Products Used as Food Contact Surface Sanitizers, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling.
  - a. Delete the statement "ONLY FOR SALE TO, USE, AND STORAGE BY SERVICE PERSONS." Also delete the use in homes or submit to us a certification statement that the package meets the standards of §157.32 (see enclosure).
  - b. The signal word "DANGER" and "Keep Out of Reach of Children" on the front panel should be placed directly below the ingredient statement, not above the product name.
  - c. Under the GENERAL PURPOSE DISINFECTANT heading, add the following misuse statement:
 

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

11183: I: Lee: L-6: XENCO: 4/16/88: 4/25/88: CB: WB: EK: CB: WB: Am  
CONCURRENCES

SYMBOL	ORIGINATOR							
SURNAME								
DATE								

OFFICIAL FILE COPY

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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 call Mr. Robert Young at (703) 557-3966.

Sincerely yours,

John H. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosures

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

DISINFECTANT—SANTIZER—DEODORIZER  
 CONCENTRATE

**ALPHA BAC**

Active Ingredients  
 n-Alkyl (50%C14, 40%C12, 10%C16), dimethyl  
 benzyl ammonium chloride ..... 10.0%  
 Inert Ingredients ..... 90%

ONLY FOR SALE TO, USE, AND STORAGE BY SERVICE PERSONS

Net Contents: 1 U.S. Gallon  
 (3.7854 Litres)

E.P.A. REG. NO. 10634-8  
 E.P.A. EST. NO. 10634-MA-1

MAX. 40% ALKYL  
**ALPHA CHEMICAL SERVICES, INC.**  
 STOUGHTON, MASSACHUSETTS 02072

**GENERAL PURPOSE DISINFECTION**

To disinfect walls, floors and other hard surfaces that will not contact food products in homes, school, rest rooms and other public places, mop or sponge surface to be treated with a solution containing 1 ounce Alpha Bac in 2 gallons of water. Surfaces that are soiled must be thoroughly cleaned and rinsed free of soil before disinfection. This disinfectant solution will effectively destroy the gram positive microorganism, *Staphylococcus aureus* and the gram negative microorganism, *Salmonella choleraesuis*.

**HOSPITAL DISINFECTION**

To disinfect walls, floors, furnishings and other hard surfaces in hospitals, nursing homes, laboratories and other medical environments, mop or sponge with a solution containing 1 ounce Alpha Bac per gallon of water. Surfaces that are soiled must be thoroughly cleaned and rinsed free of soil before disinfection. Surgical or medical instruments must be thoroughly scrubbed to remove soils and then disinfected by immersion in a solution containing 1 ounce of Alpha Bac per gallon of water for 10 minutes. One tablespoon of sodium nitrate should be added to each gallon of disinfectant solution to inhibit corrosion of metal instruments. This disinfectant solution will effectively destroy the gram positive microorganism *Staphylococcus aureus*, and the gram negative microorganism *Salmonella choleraesuis*, and *Pseudomonas aeruginosa*.

**BARBER AND BEAUTY PA  
 EQUIPMENT DISINFECT**

Thoroughly clean brushes, combs, razors a free of soil before disinfection. Soak instru containing 1 ounce Alpha Bac per gal 10 minutes. Use 1 tablespoon of sodium solution to prevent corrosion of metal instrum

**POULTRY EQUIPMENT DISIN**

Poultry brooders, watering founts and feed be disinfected after thorough cleaning by sp with a solution containing 1 ounce Alpha water. Small utensils should be immerse NOTE: All equipment that will contact food must be rinsed with water of drinking qual and before reuse.

Hatching eggs may be disinfected by dipping 1 ounce Alpha Bac per 2 gallons of this product on eggs intended for human con

**KENNELS AND ANIMAL QUARTERS**

To disinfect and deodorize animal quarters in a solution containing 1 ounce Alpha Bac water to cleaned floors and walls. Feed infected with this solution should be no drinking quality before reuse

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage disposal. Do not s Avoid creasing or impacting of side walls.

**PESTICIDE DISPOSAL**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture of rinse is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL**

Triple rinse (or equivalent); then offer to conditioning or puncture and dispose of in a If allowed by state and local authorities, by stay out of smoke. Do not reuse empty container (bottle container and put in trash.

ACCEPTED  
 with COMMENTS  
 in EPA Letter dated:

MAY 14 1988

Under the Federal  
 Economic and Revenue  
 Act provided for the  
 Registered under EPA No.

10634-8

# DANGER:

KEEP OUT OF REACH OF CHILDREN: Corrosive, causes severe eye and skin damage. Do not get in eyes, on skin or clothing. Wear goggles or face shield and rubber gloves when handling. 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 contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

## NOTE TO PHYSICIAN

Stomach mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock as well as oxygenated measures to support breathing manually or mechanically may be needed. If persistent, convulsions may be controlled by the cautious intravenous injection of a short-acting barbiturate drug.

## SANITIZATION OF EATING UTENSILS AND

### FOOD HANDLING EQUIPMENT

Wash dishes, silverware, cooking utensils and food handling equipment with a suitable detergent and rinse to remove food oils. Prepare a 200 ppm active quaternary solution by adding one ounce Alpha Bac to 4 gallons of water. Immerse items to be sanitized in this solution for at least one minute, remove and allow to air dry. Do not towel dry. Do not rinse sanitized articles in potable water before reuse. Prepare a fresh solution daily more frequently as soil is apparent.

## SANITIZATION OF

### FOOD HANDLING EQUIPMENT

To sanitize beverage and food processing equipment, first clean thoroughly and rinse to food and soil solids. Thoroughly wet all

food contact surfaces with a solution containing 1 ounce Alpha Bac to 4 gallons of water. Allow a contact time of at least one minute, drain and let air dry. To sanitize transfer lines, blending vessels and filling equipment, fill with a 200 ppm solution of Alpha Bac, allowing a contact time of at least one minute. Thoroughly drain equipment and allow to air dry. Do not rinse sanitized equipment with potable water before reuse. The sanitizing solution may be rinsed for general cleaning purposes only.

## SANITIZATION OF DAIRY EQUIPMENT

After milking, rinse equipment with potable warm water. Wash equipment thoroughly with a suitable detergent and rinse with potable water to remove all soil and milk solids. Sanitize by thoroughly wetting equipment with a freshly prepared 200 ppm solution of Alpha Bac for at least one minute. Freshly prepared sanitizing solutions (200 ppm) should be filled into milking machines, transfer lines and bulk holding equipment allowing a contact time of at least one minute with those surfaces that contact milk. Thoroughly drain equipment and allow to air dry. Do not rinse with potable water before reuse.

For udder and flank washing, prepare a solution containing 1 ounce of Alpha Bac in 4 gallons of warm water. Wash udder and flanks, using a fresh towel or sponge for each cow. Avoid contamination of sanitizing solutions with dirt or soil. Be certain the area to be treated is thoroughly wetted with the sanitizing solution.

This product fulfils the criteria of Appendix F, of the Grade "A" Pasteurized Milk Ordinance, 1965 Recommendations of the U.S. Public Health Service in waters up to 550 ppm (32 grams per gallon) of hardness calculated as CaCO<sub>3</sub> when tested by the method outlined by Chambers.

