

PM31
1762-2.9
1/3

AUG 29 1988

Associated Chemists, Inc.
4401 SE. Johnson Creek Boulevard
Portland, OR 97206

Attention: Ronald K. Bing

Gentlemen:

Subject: SERF
EPA Registration No. 1762-29
Your Submission Dated February 12, 1987

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. On the left panel, include the heading "Direction For Use" above the misuse statement.
 - b. Delete the following ingredients: Sodium metasilicate, anhydrous and tetrasodium salt of ethylene diamine tetraacetic acid from the active ingredient statement.
 - c. Delete all hospital claims from your label since you do not have adequate data on file to support those claims. You will be required to submit efficacy data if you wish to add hospital disinfectant claims to your label.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

50210:I/C:Lee:L-3:KENCO:8/24/88:10/6/88:CB:SG:CB

CONCURRENCES

SYMBOL								
SURNAME								10/3
DATE								

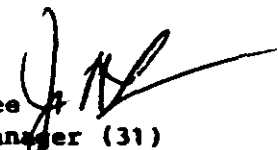
2

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy is enclosed for your records.

If you have any questions concerning this letter please contact Martha DeLaney at (703) 557-3675.

Sincerely yours,


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

Enclosure

2 of 3

EPA 708
2107

BEST AVAILABLE COPY

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. SERF Detergent/Disinfectant has been designed specifically for use in offices, hotels, schools, food processing plants, and other areas where housekeeping is of prime importance.

DIRECTIONS: To disinfect hard inanimate surfaces (such as walls, floors, table tops), apply solution with mop, cloth or sponge or mechanical sprayer so as to wet thoroughly. Allow to remain wet for 10 minutes and then let dry.

CAUTION NOTES: General Disinfection - Add 4.5 ounces SERF per gallon of water.

To disinfect toilet bowls, flush toilet, add 4.5 ounces SERF detergent/disinfectant directly to the bowl water. Scrub the bowl completely using a scrub brush or toilet bob, making sure to get under the rim. Let stand for 10 minutes and flush. For heavily soiled areas, a pre-cleaning step is required.

MOLD PREVENTION: To control mold and mildew on wet-cleaned, hard, non-porous surfaces (such as floors, walls, table tops) add 4.5 ounces SERF per gallon of water. Apply solution with a cloth, mop, or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mold growth reappears.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Keep Out of Reach of Children. 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 or fatal if swallowed. Avoid contamination of food.

E.P.A.
1762-C

SERF

CLEANER — DISINFECTANT — DEODORIZER — FUNGICIDE

ACTIVE INGREDIENTS

Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides	0.8%
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides	0.8%

INERT INGREDIENTS

DANGER

KEEP OUT OF REACH OF CHILDREN
See Side Panels for Additional Precautions

EPA Reg. No. 1762-29