

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

JUL 26 1989

Attention: Ronald K. Ring

Gentlemen:

Subject: SERF  
EPA Registration No. 1762-29  
Your Submission Dated April 7, 1989  
EPA Received Date April 11, 1989

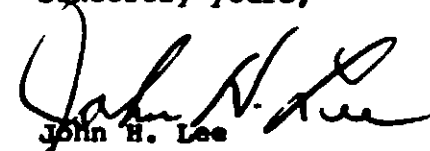
The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable provided that you make the following label revisions at the next printing of your labeling.

1. Delete the statement "Use Direction" from the left side panel of the labeling.
2. A 10-minute contact time is required for disinfection as described on the left side panel.

The submitted final printed labels are acceptable and have been placed in your file. They have not been reviewed in accordance with PR Notice 82-2.

If you have any questions concerning this letter, please contact Karen Leavy at (703) 557-3966.

Sincerely yours,



John H. Lee  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (H7505C)

54789:I:Leavy:L-12:KENC0:7/19/89:8/30/89:rw:GJ:VO:DE:CT:

CONCURRENCES

SYMBOL	SURNAME	DATE						
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DATE 4/11/70

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labelling.

SERF detergent/disinfectant has been designed specifically for offices, hotels, schools, and food processing plants where house-keeping is of prime importance.

**DISINFECTION:** 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 out.

**DILUTION RATES:** 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 bowl water. Swab the toilet completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

**MILDEWSTAT:** To control mold and mildew on pre-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 mildew growth reappears.

**CAUTIONARY 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.

**STATEMENT OF PRACTICAL TREATMENT**

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 egg whites, gelatin solution, or if these are not available, drink large quantities of water. Call a physician immediately.

**NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage.

**SER**

**CLEANER — DISINFECTANT — DEODORANT**

**ACTIVE INGREDIENTS:**

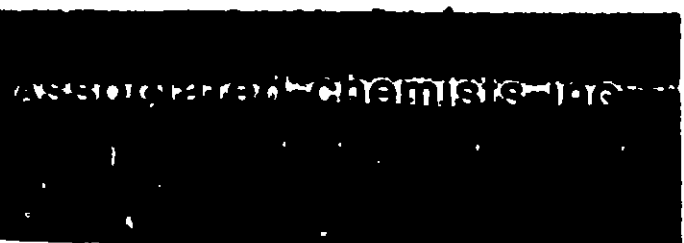
Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides .....  
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides .....

**INERT INGREDIENTS:** .....

**DANGER** KEEP OUT OF REACH OF CHILDREN  
See Side Panels for Precautions

**NOT REVIEWED** EPA Reg. No. 1762

In Accordance with FR Notice 82-2,



**BEST AVAILABLE COPY**