

DEC 07 1987

A&L Laboratories, Inc.
1001 Glenwood Avenue
Minneapolis, MN 55405

Attention: Keith Van Liere

Gentlemen:

Subject: AI-San
EPA Registration No. 3276-21
Your Amendment Application Dated January 26, 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. Expand the sanitization directions to include a contact time of at least 1 minute.
 - b. Place DISINFECTION and SANITIZATION headings over the appropriate instructions.
 - c. Delete the statement ONLY FOR SALE TO, USE AND STORAGE BY SERVICE PERSONNEL.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

16780:I:Lee:L-1:KENCO:11/13/87:11/24/87:dq:VO:EK:aw

CONCURRENCES

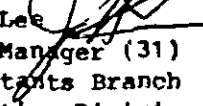
CONCURRENCES								
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Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,


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

Enclosure

ACCEPTED
 DEC 07 1987
 3276-21

PRECAUTIONARY STATEMENTS
 Hazards to Humans and Domestic Animals

DANGER: Corrosive. Causes irreversible eye damage and severe skin irritation. Do not get in eyes, on skin or on clothing. Wear chemical goggles and rubber gloves when handling the product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ONLY FOR SALE TO, USE AND STORAGE BY SERVICE PERSONNEL

STORAGE AND DISPOSAL

Keep container closed and store in a cool place when not in use. Rinse empty container thoroughly with water and discard it. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

EPA Reg. No. 3276-21

EPA Est. 3276-MN-1

A & L Laboratories, Inc.
 1011 Genesee Avenue
 Minneapolis, Minnesota 55405

AL-SAN

DISINFECTANT-SANITIZER CONCENTRATE

ACTIVE INGREDIENTS:	10.00%
n-Alkyl (50% C ₁₆ -30% C ₁₈ , 5% C ₁₂ -5% C ₁₄) dimethyl benzyl ammonium chlorides	5.00%
n-Alkyl (58% C ₁₂ -32% C ₁₄) dimethyl ethylbenzyl ammonium chlorides	5.00%
INERT INGREDIENTS:	90.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

PRACTICAL TREATMENT (FIRST AID)

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get prompt medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF SWALLOWED: Drink promptly a large quantity of milk, egg white, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Get immediate medical attention.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measurements against convulsory shock, respiratory depression and convulsion may be needed. See additional precautions on side panel.

NET CONTENTS: 1 GALLON

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner not approved by the EPA.

Sanitizing solutions are prepared by diluting 1 oz. of AL-SAN per gallon of water. Thoroughly clean all surfaces followed by a potable water rinse. Apply as a final rinse, let drain thoroughly and be allowed to dry.

For sanitizing cleaned milking machines, bulk milk tanks and storage or reuse with a solution containing 1 oz. of AL-SAN per gallon of water. Immerse equipment in the solution. Allow all surfaces to thoroughly dry.

Food and beverage processing equipment should be thoroughly cleaned before sanitizing with a solution containing 1 oz. of AL-SAN per gallon of water. Equipment should be allowed to thoroughly drain and air dry before use.

For disinfection of floors, walls, bathroom fixtures and other non-food contact surfaces and plants, prepare a solution containing 1 oz. of AL-SAN per gallon of water. Apply to surfaces, let drain and air dry.

AL-SAN meets the criteria of appendix F, Grade "A" Pasteurized of the U. S. Public Health Service in water up to 550 ppm (32 CaCl₂) when tested by the method outlined by Quaternary (A. Official Method).

Always follow local Health Department regulations regarding disinfection.

BEST AVAILABLE