

PM 21 REG 416 1/2 1/3

NOV 16 1988

Aborn Chemical Industries, Inc.
92 York Avenue
Randolph, MA 02368

Attention: Jay C. Chapin

Gentlemen:

Subject: Ark SAN
EPA Registration No. 4169-2
Your Application Dated December 2, 1987
LPA Received Date December 9, 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. Delete the word "milk."
 - b. Revise the "Directions" heading to read "Directions For Use."
 - c. Delete "Only For Sale To, Use, and Storage By Service Persons."
 - d. Include the 10-minute contact time for the disinfection section. The directions must also indicate how the product should be removed from the surfaces after the recommended exposure period (rinse or air dry).

50235:1;Lee:L-05;KEN:10/25/88:12/07/88:aw:SG:VO:CT

| CONCURRENCES | | | | | | | |
|--------------|--|--|--|--|--|--|--|
| SYMBOL | | | | | | | |
| SURNAME | | | | | | | |
| DATE | | | | | | | |

2. We have determined that this product is subject to child-resistant packaging regulations (effective March 9, 1981).

Two suggestions for compliance are:

- a. Submit a special packaging certification statement. Specifically refer to page 388, "Contents of Certification." Ref: ~~Federal Register~~ Vol. 49, No. 2, Wednesday, January 4, 1984, pp. 380 to 388.

and/or

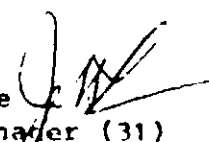
- b. Delete all references to household/home use.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with section 6(e) of the Federal Insecticide, Fungicide, and Rodenticide Act. 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, please contact Karen Leavy at (703) 557-3966.

Sincerely yours,


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

Enclosure

ACCEPTED WITH COMMENTS
in EPA Letter Date

NOV 16 1988

Under the Federal Insecticide, Fungicide, and Rodenticide Act, amended, for the product registered under EPA Reg. No. 4169

PRECAUTIONARY STATEMENTS
HAZARD TO HUMAN AND DOMESTIC ANIMALS. WARNING
KEEP OUT OF REACH OF CHILDREN. CAUSES EYE AND SKIN
IRRITATION. DO NOT GET IN EYES, SKIN OR ON CLOTHING.
HARMFUL IF SWALLOWED.

DANGER Avoid contact with eyes. Causes severe eye and skin damage. Do not get in eyes or on skin or clothing. Wash face, hands, clothes and gloves when handling. Avoid breathing dust. 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 all contaminated clothing before reuse.

If swallowed, do not promptly induce vomiting. If eye irritation persists, get medical attention. If these symptoms persist, get medical attention. Avoid driving. Call physician immediately.

NOTE TO PHYSICIAN For information on possible damage to the eyes and skin, consult the MSDS. See also the first aid section for first aid measures. First aid and symptoms may be needed.

FOR ROOM FOGGING
Directions

1. Prepare a solution of 1.5 oz of Ark San per gallon of water. To minimize the danger of skin irritation from environments, surfaces, apply solution of Ark San as a fog as described below before applying standard routine cleaning and disinfecting practices. 1. Remove all furniture and plants from room. 2. Open closed doors and drawers. 3. Set up fogging platform in center of room. 4. Mount fog Master Tool Model 6008 or other fogging device delivering equivalent of 3 RPM 5.5 ft sprayer reservoir with 1.5 oz of Ark San to a gallon of water to produce 150 ppm active ingredients. 5. Set solution in an amount of 1 gallon of solution to fog for 15 minutes at an average 200 ft. room. For a room of 1000 sq ft, use 1.5 oz of Ark San. 6. After fogging is complete, wipe up any residue. 7. Re-enter room only after entering from other treatment. 8. Rinse fogging equipment thoroughly with water following use.

ARK SAN

Disinfectant, Deodorizer & Sanitizer

Active Ingredients
n-A kyl (60% C₁₂, 30% C₁₄, 5% C₁₆, 5% C₁₈)
dimethyl benzyl ammonium chlorides 5%
n-A kyl (68% C₁₂, 32% C₁₄, dimethyl ethyl benzyl ammonium chlorides 5%
Inert Ingredients 90%
100%

Ark San is a disinfectant, deodorizer and sanitizer. Use in accordance with the directions on the label. For more information, contact the manufacturer. **KEEP OUT OF REACH OF CHILDREN. DANGER. DO NOT USE IN CHILDREN'S PLAY AREAS. STORAGE BY SEPARATE PERMITS. See separate literature for detailed statements.**
MANUFACTURED BY
ABORN CHEMICAL INDUSTRIES, INC.
82 York Avenue, Randolph, MA 02368
Tel: (617) 866-6181

USE DIRECTIONS

Cold Distribution
1. Dilute with water to 100 ppm active ingredients. 2. Apply to surfaces. 3. Allow to dry. 4. Rinse with water. 5. Repeat as necessary. **Household**
1. Dilute with water to 100 ppm active ingredients. 2. Apply to surfaces. 3. Allow to dry. 4. Rinse with water. 5. Repeat as necessary. **Hospitals**
1. Dilute with water to 100 ppm active ingredients. 2. Apply to surfaces. 3. Allow to dry. 4. Rinse with water. 5. Repeat as necessary. **Food Processing Equipment**
1. Dilute with water to 100 ppm active ingredients. 2. Apply to surfaces. 3. Allow to dry. 4. Rinse with water. 5. Repeat as necessary. **Dairies**
1. Dilute with water to 100 ppm active ingredients. 2. Apply to surfaces. 3. Allow to dry. 4. Rinse with water. 5. Repeat as necessary. **Restaurant and Bar Rinsing**
1. Dilute with water to 100 ppm active ingredients. 2. Apply to surfaces. 3. Allow to dry. 4. Rinse with water. 5. Repeat as necessary.

BEST AVAILABLE COPY