

NOV 14 1988

Environmental Control Systems, Inc.  
Route 1, Box 21  
Churchill, MD 21623

Attention: Frank J. Bonarrijo

Gentlemen:

Subject: Steri Plus 256 Disinfectant  
EPA Registration No. 10854-3  
Your Submission Dated December 18, 1987  
EPA Received Date December 21, 1987

The submission 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 sentence "a pre-cleaning step is required and recommended" to "a pre-cleaning step is required."
  - b. In the "Note to Physician" section, delete the last two sentences starting with "measures against . . . ."
  - c. Delete the word "milk."
  - d. In the active ingredient section, delete Tetrasodium ethylenediamine tetraacetate and Essential Oils. They are now considered inert ingredients. Adjust your inert ingredients percentages accordingly.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

50233:1 Delaney YELL-6:FINCO-10/17/88-11/30/88:LD, EK, VO:AS

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

pm31

10854-3

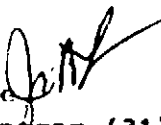
2 of 3

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

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

Sincerely yours,

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

Enclosure

**DIRECTIONS FOR USE**

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

STERI PLUS 256 detergent/disinfectant has been designed specifically for hospitals, nursing homes, schools, and other institutions where housekeeping is of prime importance.

**DISINFECTION** - to disinfect hard inanimate surfaces (such as walls, floors, table tops) add (1) one ounce of STERI PLUS 256 detergent/disinfectant per gallon of water. 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 air dry.

To disinfect toilet bowls, flush toilet, add (1) one ounce STERI PLUS 256 detergent/disinfectant directly to the bowl water. Scrub the bowl 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 and recommended. Prepare a fresh solution for each use.

**MILDEWSTAT** - To control mold and mildew on pre-cleaned, hard nonporous surfaces (such as floors, walls, table tops) add (1) one ounce STERI PLUS 256 detergent/disinfectant 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.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

NOV 16 1988

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

10854-3



CLEANER  
DETERGENT  
DEODORIZER

MILDEWSTAT (on hard inanimate surfaces)

**ACTIVE INGREDIENTS:**

n-Alkyl (C<sub>14</sub> 60%, C<sub>16</sub> 30%, C<sub>12</sub> 5%, C<sub>18</sub> 5%)  
dimethyl benzyl ammonium chlorides 8.25%  
n-Alkyl (C<sub>12</sub> 68%, C<sub>14</sub> 32%) dimethyl  
ethylbenzyl ammonium chlorides  
ethylbenzyl ammonium chlorides 8.25%

**INERT INGREDIENTS**

DISINFECTANT  
FUNGICIDE (against  
pathogenic fungi)  
VIRUCIDE\*

EPA REG. NO. 10854-3  
EPA EST. NO. 10854-MD-1

KEEP OUT OF REACH OF CHILDREN  
DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

designated special schools and other of prime importance contamination.

STERI PLUS 256 is effective against the most common bacteria and viruses all require disinfection. STERI PLUS 256 disinfectant is effective on bowls, tables, chairs, larger areas such as floors and restrooms both general cleaning.

In addition, STERI PLUS 256 is effective against mold and mildew in storage areas, and any other areas where microorganisms.

**DISINFECTION** - STERI PLUS 256 exhibits activity against the following:  
Pseudomonas aeruginosa  
Escherichia coli  
Klebsiella pneumoniae  
Salmonella schultzei  
Salmonella choleraesuis  
Streptococcus salivarius  
At this level the disinfectant is effective against pathogenic fungi.

**VIRUCIDAL\* ACTIVITY** - STERI PLUS 256 disinfectant is effective against poliovirus type 1, poliovirus type 2, poliovirus type 3, poliovirus type 4, poliovirus type 5 (causative agent of poliomyelitis) and Vaccinia virus.

**EFFICACY TESTS HAVE SHOWN STERI PLUS 256 IS AN EFFECTIVE BACTERICIDE AND FUNGICIDE.**

MOLD and MILDEWSTAT are effective against mold and mildew on hard surfaces.

**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 on 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 amounts of water. Avoid alcohol. Call a physician immediately.

**NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage. Measure gastric pH and use of mechanical means may be needed. If persistent, emesis may be controlled by the use of emetics.

Environmental  
Control  
Systems, inc.

301-556-6611



IN THE SERVICE OF MAN THROUGH  
THE SCIENCE OF CHEMISTRY.

Rt. 1, Box 21 Church Hill, MD 21622

BEST AVAILABLE COPY

DO NOT CONTAMINATE  
DISPOSAL  
STORAGE: Store in a cool, dry place, away from heat and fire.  
PESTICIDE DISPOSAL: Follow proper disposal of Federal Law. If the label instructions are not available, contact the Regional Office for Pesticide Disposal.  
CONTAINER DISPOSAL: Empty container may be recycled or punctured and approved by State or local health department in a sanitary landfill. If burned, stay out.