

OCT 15 1987

Maril Products, Inc.
620 South B Street, Suite A
Tustin, CA 92680

Attention: James Swims

Gentlemen:

Subject: PHYSAN D/D
EPA Registration No. 55364-6
Your Amendment Application Dated July 22, 1987

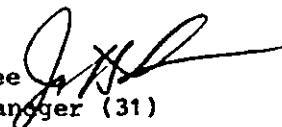
The amendment referred to above, submitted in connection with the Label Improvement Program Notice for Antimicrobial Products Used as Food Contact Surface Sanitizers, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling.
 - a. Delete the statement "Only For Sale To, Use, and Storage By Service Persons" (see enclosure).
 - b. Delete the term "General Classification."
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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)

Enclosures

16741-I-Lee-L-1-KENCO-9/25/87-10/07/87-av-VO-EK-aw-dg-ek

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

PHYSAN D/D is a phosphate free concentrated detergent/disinfectant which provides effective cleaning, deodorizing, and disinfection. PHYSAN D/D detergent/disinfectant has been designed specifically for hospitals, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance in controlling the spread of cross contamination.

PHYSAN D/D when diluted at the rate of 1 ounce per gallon of water is an effective disinfectant against the organism *Pseudomonas aeruginosa* and meets all requirements for hospital use. When used as directed, PHYSAN D/D is formulated to disinfect virtually all hard surfaces such as walls, floors, sink tops, toilet bowls, tables, chairs, telephones and bed frames. For larger areas such as operating rooms, patient care facilities and restrooms, the product is designed to provide both general cleaning and disinfecting.

In addition, PHYSAN D/D deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls and any other areas which are prone to odors caused by microorganisms.

DISINFECTION:

At 1 ounce per gallon dilution, PHYSAN D/D exhibits effective disinfectant activity against the following: *Pseudomonas aeruginosa* (PFD 10), *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella choleraesuis*, *Salmonella typhimurium*, *Salmonella choleraesuis*, *Streptococcus salivarius*, *Brevibacterium ammonigenes*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Enterobacter aerogenes*, *Staphylococcus aureus*.

At this level the product is also fungicidal against the pathogenic fungi, *Trichophyton mentagrophytes*.

VIRUCIDAL* ACTIVITY:

The product when used on environmental inanimate hard surfaces at 1 ounce per gallon of water exhibits effective "virucidal" activity against Influenza A2/Acan (representative of the common flu virus), Herpes simplex (causative agent of fever blisters and mononucleosis), Adeno virus type 2 (causative agent of upper respiratory infections), and Vaccinia virus (representative of the pox virus group).

EFFECTIVITY TESTS HAVE DEMONSTRATED THAT PHYSAN D/D IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE* IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

MOLD AND MILDEWSTAT:

PHYSAN D/D prevents and controls mold and mildew and the odors they cause on hard non-porous inanimate surfaces.

STORAGE AND DISPOSAL

- DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.
- OPEN DUMPING IS PROHIBITED.
- DO NOT REUSE EMPTY CONTAINER.

PESTICIDE DISPOSAL:

Pesticides that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide waste in a safe place.

CONTAINER DISPOSAL:

Triple rinse (or equivalent) and dispose in an incinerator or landfill approved for pesticide containers, or bury in a safe place.



**CLEANER • DETERGENT • DISINFECTANT • DEODORIZER
FUNGICIDE (against pathogenic fungi) • MILDEWSTAT (on hard**

ACTIVE INGREDIENTS:

- n-Alkyl (60% C14, 30% C12, 5% C10, 5% C16) dimethyl benzyl ammonium chloride
- n-Alkyl (28% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride

INERT INGREDIENTS:

DANGER

Keep Out of Reach of Children. **ONLY FOR SALE TO PROFESSIONALS
STORAGE BY SERVICE**

See Side Panels for Additional Precautionary and First Aid Information.

EPA REG. NO. 55364-6
EPA EST. NO. 55364-CA-01



MARIL PRODUCTS, INC.

620 South B Street, Suite A, Tustin, CA 92680 U.S.A.

ACCEPTED
with COMMENTS
In EPA Letter Dated:

OCT 15 1987

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
55364-6