

16 OCT 1984

Frank Miller & Sons Inc.
13831 South Emerald Avenue
Chicago, IL 60627

Attention: Dr. James J. Napoli
Director, Technical Services

Gentlemen:

Subject: Virucide Cleaner Deodorizer Disinfectant Fungicide
EPA Registration No. 8123-46
Your Submission of September 19, 1984

The amendment referred to above, submitted in connection with registration under FIFRA, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

a. Revise the statement (Sanitization Section - left panel):

Let air dry

to read:

Rinse with potable water. Let air dry.

b. Revise the statement (Sanitization section - left panel):

Remove and let air dry

to read:

Remove and rinse with potable water. Let air dry.

c. To the Disinfection section (left panel) add the following statements:

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

Ref: Your last accepted label.

SYMBOL									
SUNNAME									
DATE									

- d. Revise the statement (Sanitization section - right panel):

At this level potable water rinse is required

to read:

A potable water rinse is required.

- e. Revise the referral statement to read:

See left panel for additional precautionary statements.

- f. We prefer that the signal word DANGER be placed directly below the statement: Keep Out Of Reach Of Children (Center panel only).

- g. Correct the spelling of the word:

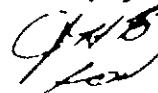
Mentagrophytes (Middle right panel).

2. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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

RD/DIS:DCR-07657:J.Lee:RD-09:cq:Kendrick & Co.: 898-1270:10/11/84:Del.10/23/84

3
ANIMALS

skin damage. Do not
ed. Wear goggles or
contamination of food.

MENT

plenty of water for at
and wash all contain-
egg whites, gelatin
tes of water. Call a

a of gastric lavage,
ation and convulsion

a runner inconsistent

disposed.
Leaking or damaged
a. Spills should be
nearly instantly. Keep

hazardous. Improper
site is a violation of
by use according to
Environmental Control
nearest EPA Regional

nt. Then offer for
in a sanitary landfill,
Mortuary.

ically for hospitals,
ervice establishments
Importance.

ces such as walls,
Apply solution with
all surfaces thorough-
air dry.

nd rinsed non-porous
ry solution by adding

blocks, counter tops),
h a cloth or sponge,
ast 60 seconds. Let

es, eating utensils),
aking sure to immerse
solution daily or more

VIRUCIDE*
CLEANER DISINFECTANT
DEODORIZER FUNGICIDE
Designed for
Hospital and Institutional Use

ACTIVE INGREDIENTS

Alkyl dimethyl benzyl ammonium chlorides	2.5%
Alkyl dimethyl ethyl benzyl ammonium chlorides	0.05%
Sodium carbonate	3.00%

INERT INGREDIENTS

92.50%

100.00%

NET CONTENTS

EPA REG. NO. 8123-46
EPA EST. NO. 8123-IL-1

DANGER
KEEP OUT OF REACH OF CHILDREN
See Right Side Panel for Additional Precautionary and
First Aid Statements.

SOLD BY

FRANK M. MAYER & SONS, INC.
18641 S. Federal Avenue
Chicago, Illinois 60627

ACCEPTED
with COMMENTS
In EPA Letter Dated

OCT 16 1984

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
8123-46

This product is a concentrated detergent for effective cleaning, deodorizing, disinfecting, and decontaminating. It is designed specifically for hospitals, nursing homes, and other health care facilities. It is also suitable for use in plants and for institutions where housekeeping is important in controlling the hazard of cross contamination.

When diluted at the rate of 2 ounces per gallon, it is effective against the organisms specified in the requirements for hospital use. When used to disinfect inanimate hard surfaces such as floors, walls, tables, chairs, telephones and bedpans, it is effective in operating rooms, patient care facilities, and other areas designed to provide both general cleaning and disinfection.

In addition it deodorizes those areas which are odorous, such as garbage storage areas, toilet bowls and other areas which are difficult to clean.

DISINFECTION - At 2 ounces per gallon, it is effective against the organisms *Staphylococcus aureus*.

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

Virucidal* Activity: The product when diluted at the rate of 2 ounces per gallon is active against Influenza A2 - A/Asian/57 (virus) Herpes simplex (causative agent of genital herpes) Adenovirus type 2 (causative agent of adenitis) Vaccinia virus (representative of the poxviruses).

Sanitization: When used for sanitizing food contact surfaces, equipment or food contact items limit the number of microorganisms to a safe level. At this level **POTABLE WATER RINSE** is required.

ONLY FOR SANITIZATION
STORAGE BY STATE

**PRECAUTIONARY STATEMENTS
HAZARDOUS TO HUMAN AND DOMESTIC ANIMALS
DANGER**

Keep Out of Reach of Children. Causes severe eye and skin damage. Do not get in eyes, skin or on clothing. Harmful if swallowed. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Remove and wash contaminated clothing.

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

NOTE TO PHYSICIAN

Probable mucosa damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

DIRECTIONS FOR USE

General Classification

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

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE Do not stack more than four drums high. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

This detergent-disinfectant has been designed specifically for hospitals, nursing homes, schools, food processing plants, food service establishments and other institutions where housekeeping is of prime importance.

DISINFECTION - To disinfect hard inanimate surfaces (such as walls, floors, table tops), add 2 ounces per gallon of water. Apply solution with mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes and then let air dry.

SANITIZATION - To sanitize previously cleaned and rinsed non-porous food contact surfaces, prepare 200 ppm active quaternary solution by adding 2 to 3 1/2 gallons of water.

To sanitize immobile items (such as tanks, chopping blocks, counter tops), flood the area with 200 ppm solution or apply with a cloth or sponge, making sure to wet all surfaces completely for at least 60 seconds. Let air dry. Prepare a fresh solution for each use.

To sanitize mobile items (such as drinking glasses, eating utensils), immerse in 200 ppm solution for at least 60 seconds making sure to immerse completely. Remove and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

**VIRUCIDE*
CLEANER DISINFECTANT
DEODORIZER FUNGICIDE
Designed for
Hospital and Institutional Use**

ACTIVE INGREDIENTS

1-Aryl, 6-Phenyl, 1,3,5-Triazine, 2,4,6-Trisubstituted	10.0%
2-Methyl-2,2-Dimethyl-1,3-Dioxane	10.0%
2-Aryl, 6-Phenyl, 1,3,5-Triazine, 2,4,6-Trisubstituted	10.0%
2-Benzylammonium Chlorides	10.0%
Sodium carbonate	10.0%

INERT INGREDIENTS

90.0%

100.0%

NET CONTENTS

EPA REG. NO. 8123-46
EPA EST. NO. 8123-IL-1

**DANGER
KEEP OUT OF REACH OF CHILDREN
See Right Side Panel for Additional Precautionary and
First Aid Statements.**

SOLD BY

FRANK MILLER & SONS, INC.
13021 S. Fremont Avenue
Chicagoland, Illinois 60627

**ACCEPTED
with COMMENTS
in EPA Letter Dated**

OCT 16 1984

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

8123-46

This product is a con effective cleaning, deodorizer designed specifically for plants and for institutional controlling the hazard of

When diluted at the rate disinfectant against the requirements for hospital disinfect inanimate hard bowls, tables, chairs, etc. operating rooms, patient designed to provide both

In addition it deodorizes smelling, such as garbage toilet bowls and other

DISINFECTION - At 2 ounces per gallon active against Staphylococcus aureus.

At this level the product Trichophyton mentagrophytes

Virucide's Activity: The surfaces at 2 ounces per activity against Influenza virus, Herpes simplex (cell Adeno virus type 2 (cell Vaccinia virus (repression

Sanitization: When use equipment or food containers. At this level POTABLE

ONLY
STOR