

NOV 7 1988

DuBois Chemicals, Inc.
5th and Walnut Street
Cincinnati, OH 45202

Attention: Kathy L. Baldock

Gentlemen:

Subject: HFC-11 Disinfectant, Cleaner, Fungicide, Deodorant
EPA Registration No. 573-47
Your Submission Dated March 8, 1988
EPA Received Date March 15, 1988

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. Change the "Use Directions" heading to "Directions For Use."
 - b. On the center panel, place "Keep Out of Reach of Children" directly above the word "Danger."
 - c. On the center panel, revise the statement "See Statement of Practical Treatment and additional precautions on back panel" to read "See back panel for additional precautionary statements."
 - d. On the center panel, delete the statement "Container Disposal: Do not reuse empty container. Rinse thoroughly with water before discarding."
 - e. Delete the word "milk."
2. The product name change from "HFC-11 Disinfectant, Cleaner, Sanitizer, Fungicide, Deodorant" to "HFC-11 Disinfectant, Cleaner, Fungicide, Deodorant" is acceptable.

50234:I:Lee:LL-9:KENCO:10/19/88:12/1/88:SG:VO:EK:aw

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

2/4

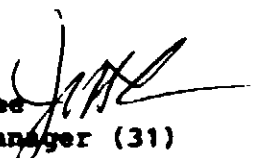
-2-

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.

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)

USE DIRECTIONS

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

DEODORIZATION. To deodorize surfaces during cleaning, mop or brush surfaces with a solution containing 2 ounces of HFC 11 per gallon of water.

HFC 11 is an effective antibacterial cleaner designed for use in industrial and institutional cleaning. When used as directed, HFC 11 will disinfect hard surfaces, such as floors, walls, counter tops and furniture. It may be relied upon to deodorize bathroom areas, garbage pails, food storage areas, kennel areas and other areas where objectionable odors may develop. This product may be used as a general purpose antibacterial anti-fungal detergent in schools, restaurants, hospitals, nursing homes, public rooms, food processing plants and in other places where efficient cleaning and antimicrobial action is desired.

EPA REGISTRATION NO. 5736-47

Made and Printed in U.S.A.

EPA EST NO. 5736-A • PGJL-555 1075

DuBOIS CHEMICALS, INC. • CINCINNATI, OH 45202

ONE GALLON U.S. MEASURE (3.785 LITERS)

DuBois Chemicals

FOR INDUSTRIAL, HOSPITAL

HFC-11

DISINFECTANT - CLEANER
- FUNGICIDE
DEODORANT

ACTIVE INGREDIENTS

4-Amino-1,2,4-triazole, 3,4-dihydro-5-(1H-tetrazol-5-yl)-1,3,5-triazin-2(1H)-one
4-Amino-1,2,4-triazole, 3,4-dihydro-5-(1H-tetrazol-5-yl)-1,3,5-triazin-2(1H)-one
4-Amino-1,2,4-triazole, 3,4-dihydro-5-(1H-tetrazol-5-yl)-1,3,5-triazin-2(1H)-one
4-Amino-1,2,4-triazole, 3,4-dihydro-5-(1H-tetrazol-5-yl)-1,3,5-triazin-2(1H)-one

INERT INGREDIENTS

DANGER: KEEP OUT OF REACH OF CHILDREN

See label and placement and additional precautions. Do not reuse empty container with water before discarding it.

STATEMENT OF PRACTICAL TREATMENT

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV -7 1988

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

5736-47

USE DIRECTIONS (continued)

FOR CLEANING: Lightly soiled areas — surfaces to be cleaned should be mopped or brushed with solution containing 2 ounces of HFC-11 per gallon of water. Rinse cleaned area with fresh water. Heavily soiled areas — mop or brush soiled surfaces with a solution containing 2-3 ounces of HFC-11 per gallon of water. Rinse cleaned surface with fresh water.

GENERAL PURPOSE DISINFECTION: To disinfect walls, floors and other hard surfaces in homes, schools, restaurants, rest rooms and other public areas, mop or brush surface to be treated with a solution containing 2 ounce of HFC-11 per gallon of water. Surfaces that are heavily soiled should be cleaned with 2-3 ounces of HFC-11 per gallon of water and then disinfected. Those surfaces which may later come in contact with food must be rinsed with clear water of drinking quality.

To disinfect locker rooms, shower stalls, walkways around pools and other areas against pathogenic fungi, mop area with a solution containing 2 ounces in 1 gallon of water. This solution will destroy Trichophyton interdigitale, a causative agent of athlete's foot, when used as directed on the above named inanimate surfaces.

HOSPITAL DISINFECTION: To disinfect walls, floors, furniture and other hard surfaces in hospitals and nursing homes, mop or brush surface to be treated with a solution containing 2 ounces of HFC-11 per gallon of water.

Those surfaces that are heavily soiled with blood, fecal material or exudates should be thoroughly scrubbed with a solution containing 2 ounces per gallon of water and then rinsed with a fresh solution containing 2 ounces per gallon of water before disinfection.

**HFC-11 / DISINFECTANT - CLEANER -
DEODORANT - FUNGICIDE -**

~~CONTOUR Causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Protect eyes and skin when cleaning. Harmful if swallowed. Avoid contact with 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 milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

**HFC-11 / DISINFECTANT - CLEANER -
DEODORANT - FUNGICIDE -**

Precautionary Statements

Hazards to Humans and Domestic Animals.

KEEP OUT OF REACH OF CHILDREN.

DANGER

Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed. Avoid contamination of food.

PHYSICAL HAZARDS — Do not use, pour, spill or store near heat or open flame.

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 — Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

PLASTIC CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**HFC-11 / DISINFECTANT - CLEANER -
DEODORANT - FUNGICIDE -**

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV -7 1988

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No.
5736-47