

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAR 12 1990

Airke Professional Products
Division of Ecolab Inc
Ecolab Center
St. Paul, MN 55102

Attention: Ann M. Oxford

Product Name: F/H
Registration Number 42964-12
Application Date 12/8/89

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. In the use directions, specify what type of tile on which the product will be effective, since glazed tile is non-porous, and unglazed tile is porous.
 - b. Revise the phrase "Prepare a fresh daily or when it becomes soiled or diluted." to read: "Prepare a fresh solution daily or more frequently if it becomes soiled or diluted."
 - c. Since there are many types of plastic used by the health-care industry, indicate the type(s) of plastics with which the product is compatible (e.g. - polystyrene, polypropylene, polyvinyl chlorides, etc).
 - d. On the front panel, delete "and First Aid Instructions".
2. The submitted efficacy data are acceptable to support the product's label claims as a disinfectant in the presence of the additional challenge of soap scum.

59129:1:lelaney:16-10:FINCO:03/05/90:04/10/90:ka:swt:bj:dd

SYMBOL ►
SURNAME ►
DATE ►
EPA Form 1320-1 (3-81)

CONCURRENCES

OFFICIAL FILE COPY

6117

F/H

**DISINFECTANT-VIRUCIDE*
SANITIZER-CLEANER
FOR HOSPITAL AND INSTITUTIONAL USE**

Active Ingredients:

WATER 60% (39.0% C, 5.0% H, 5.0% O)
dimethyl benzyl ammonium chloride 1.56
WATER 68% (32.0% C, dimethyl ethylbenzyl
ammonium chloride 0.56

Inert Ingredients:

94.88

ACQUA
SOL
F/11
MAY 1968

F
F
S
R
42968-12

**KEEP OUT OF REACH OF CHILDREN
DANGER**

PELIGRO
AVVERTENZE
AVVERTENZE

Net Contents: 55 Gallons
(209 Liters)



-2-

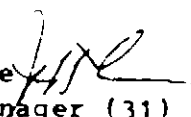
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). 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 concerning this letter, please contact Martha DeLaney at (703) 557-6982.

Sincerely yours,

John H. Lee 
Product Manager (31)
Antimicrobial Program Branch
Registration Division (H7505C)

3018

In EPA Label No. 3018

Insert Attached

1990

DIRECTIONS FOR USE:

This label and Federal law require this product to be used in accordance with the label. Do not use this product for purposes not stated on this label.

Prepare a fresh solution daily. When used as a disinfectant, use the following dilutions.

Sanitizing: Mix one part of this product with 100 parts of water. Use this solution for sanitizing surfaces. Rinse surfaces with clean water after use. **General Disinfection:** Mix one part of this product with 100 parts of water. Use this solution for disinfecting surfaces. Rinse surfaces with clean water after use. **Hospital Disinfection and Cleaning:** Mix one part of this product with 100 parts of water. Use this solution for disinfecting and cleaning hospital surfaces. Rinse surfaces with clean water after use.

General Disinfection: Mix one part of this product with 100 parts of water. Use this solution for disinfecting surfaces. Rinse surfaces with clean water after use.

Hospital Disinfection and Cleaning: Mix one part of this product with 100 parts of water. Use this solution for disinfecting and cleaning hospital surfaces. Rinse surfaces with clean water after use.

Ammonium Chloride	100	100	100
Ammonium Hydroxide	100	100	100
Ammonium Sulfate	100	100	100
Ammonium Nitrate	100	100	100
Ammonium Phosphate	100	100	100
Ammonium Bicarbonate	100	100	100
Ammonium Acetate	100	100	100
Ammonium Oxide	100	100	100
Ammonium Fluoride	100	100	100
Ammonium Chloride	100	100	100
Ammonium Hydroxide	100	100	100
Ammonium Sulfate	100	100	100
Ammonium Nitrate	100	100	100
Ammonium Phosphate	100	100	100
Ammonium Bicarbonate	100	100	100
Ammonium Acetate	100	100	100
Ammonium Oxide	100	100	100
Ammonium Fluoride	100	100	100

FH: This product is for use as a disinfectant and sanitizer. It is not intended for use as a pesticide.

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Arkem Professional Products

Apply and allow to stand with the cap removed for 10 minutes. Thoroughly wash surfaces with clean water after treatment. After treatment, rinse contact surfaces with clean water. For heavily soiled areas a pre-cleaning step is required.

Heavy Duty Cleaning: Apply and allow to stand with the cap removed for 10 minutes. Thoroughly wash surfaces with clean water after treatment. After treatment, rinse contact surfaces with clean water.

This product is not intended for use on surfaces that are highly reflective. Do not use on surfaces that are highly reflective. Do not use on surfaces that are highly reflective.

FH: This product is for use as a disinfectant and sanitizer. It is not intended for use as a pesticide.

FH Dilution Guide	** Sanitizing	** General Disinfection	One Step Hospital Disinfection and Cleaning	** Heavy Duty Cleaning
1 part product to 100 parts water	1:100	1:100	1:50	1:50
1 part product to 200 parts water	1:200	1:200	1:100	1:100
1 part product to 300 parts water	1:300	1:300	1:150	1:150
1 part product to 400 parts water	1:400	1:400	1:200	1:200
1 part product to 500 parts water	1:500	1:500	1:250	1:250

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER: Irritant. Causes eye, nose, and throat irritation. Causes skin irritation. Causes respiratory irritation. Causes allergic reactions in sensitive individuals.

Statement of Practical Treatment: If inhaled, move to fresh air. If in eyes, flush with water. If on skin, wash with soap and water. If swallowed, drink water.

Note to Physician: This product is for use as a disinfectant and sanitizer. It is not intended for use as a pesticide.

FOR EMERGENCY MEDICAL INFORMATION CALL TOLL FREE 1-800-328-0025

STORAGE AND DISPOSAL

Storage: Store in a cool, dry place. Keep container tightly closed.

Container Disposal: Do not reuse or refill this container. Dispose of container in accordance with local, state, and federal regulations.

Pesticide Disposal: This product is not a pesticide. Do not dispose of it as a pesticide.

Additional Information: For more information, contact the manufacturer.

1/1 is intended for use throughout hospitals, nursing homes, other health-care facilities, schools, colleges, veterinary clinics, animal life science laboratories, industrial facilities, USDA inspected food processing facilities and other food processing plants, dietary areas, office buildings, recreational facilities, retail and wholesale establishments.

1 It is effective and safe for floors, walls, ceilings and other hard nonporous environmental surfaces such as tables, chairs, countertops, bathroom fixtures, sinks, bed frames, shelves, racks, carts, refrigerators, and coolers, as well as processing preparation and food handling equipment. It can be used on nonporous surfaces such as tile, rubber, linoleum, vinyl, asphalt, porcelain, plastic, metal, glass, or painted, varnished or lacquered surfaces.

When used as directed, this product will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause mal odors.

2 scrubber, powered or mechanical spray device or by soaking.

ACCEPTED
with COMMENTS
in LPA Letter # 1012

MAR 12 1990

Unit
Fungicide
as amended for use in
registered under EPA Reg. No.
42964-12