

APR 7 1986

Airwick Industries, Inc.
111 Commerce Road
Carlstadt, NJ 07072

Attention: Leslie Buchanan

Gentlemen:

Subject: F/H
EPA Registration No. 42964-12
Your Submission Dated January 20, 1986

A review of your submission follows:

1. The revised Confidential Statement of Formula (CSF) agrees with the label and is acceptable.
2. Deletion of proposed alternate source of detergent, "Iconol NP-9" from the CSF is acceptable.
3. Delete from the label "(including water and biodegradable nonionic synthetic detergent)," below the ingredient statement.

If you wish to list inert ingredients then you must list them all by well-known common names or correct chemical names.

4. The revised report for Herpes Simplex virus is acceptable in support of label claims for this virus and has been made a part of the product file.

90700:Lee:L-4:KENCO:3/28/86:4/7/86:vsj:rvd

SYMBOL ▶								
SURNAME ▶								
DATE ▶								

5. The pattern of use for disinfecting food contact surfaces followed by a potable water rinse, is being accepted. However, since the disinfecting pattern of use is not cleared for food contact surfaces, evidence to show the level of chemical residual on the treated surface may be required in the future.

A stamped copy of the label is enclosed.

Sincerely yours,

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

Enclosure

F/H

DISINFECTANT-VIRUCIDE* SANITIZER-CLEANER

For Hospital and Institutional Use

Active Ingredients:

- n-alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
dimethyl benzyl ammonium chlorides 2.56%
- n-alkyl (68% C₁₂, 32% C₁₄) dimethyl ethylbenzyl
ammonium chlorides 2.56%

Inert Ingredients:

94.88%

(including water and biodegradable nonionic
synthetic detergent)

ACCEPTED
with COMMENTS
in EPA Letter Label

KEEP OUT OF REACH OF CHILDREN .

APR 7 1986

Product is a pesticide.
It is registered under the Act
and is intended for the pesticide
use as shown on EPA Reg. No.

DANGER

42964-12

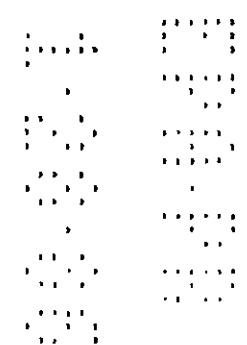
See Statement of Practical Treatment and other Precautions on Back Panel.

EPA Reg. No. 42964-12

EPA Est. No. 9405-NJ-1

EPA Est. No. 8791-MO-1

NET CONTENTS: Pint, 1 Gallon, 5 Gallon, 55 Gallon



F/H is intended for use throughout hospitals, commercial food handling areas, institutions, schools and animal care areas. It is effective and safe for floors, walls, ceilings, tables, counters, shelves, racks, carts, trolleys, conveyors, refrigerators and coolers as well as processing preparation and food handling equipment.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

APR 7 1986

DIRECTIONS FOR USE

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
42967-12

It is a violation of federal law to use this product in a manner inconsistent with the label instructions. Prepare a fresh work solution daily, or more frequently as required. Do not mix with other chemicals or products including anionic soaps and detergents.

Sanitizing

At 1/2 oz. per gallon of water (1:256), F/H provides 200 ppm of active quaternary which has been cleared for use in the terminal rinsing of pre-cleaned dairy and food processing equipment, dishes, utensils and glasses in restaurants and taverns. Apply use-dilution 1:256 with a cloth, sponge, mop or brush, or power or hand sprayer. Allow to remain wet for one minute. Allow to air dry. No potable water rinse is necessary. Prepare a fresh solution daily or more often if solution becomes diluted or soiled.

General Disinfection

At 1 oz./gal. water (1:128), F/H provides general disinfectant activity where hospital disinfection is not required. Apply use dilution 1:128 to precleaned area as above; thoroughly wet all surfaces. Allow to remain wet for 10 minutes. After treatment, rinse all ~~contact~~ contact surfaces with potable water.

~~CE 5560~~
with COMMENTS
in EPA Letter Draft

APR 7 1986

Hospital Disinfection and Cleaning

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
Registration No. 42964-12
EPA Reg. No.

42964-12

At 1-1/3 oz./gal. water (1:96), F/H is an effective one-step hospital disinfectant cleaner. It provides 533 ppm of active quaternary, effective against Staphylococcus aureus, Salmonella choleraesuis, Pseudomonas aeruginosa according to A.O.A.C. use-dilution method. F/H is fungicidal against Trichophyton mentagrophytes. F/H is virucidal* against Influenza A2 (Aichi), Parainfluenza 1 (Sendai), Herpes simplex Type I, Vaccinia, Feline pneumonitis and Canine distemper on environmental surfaces. All above testing performed in the presence of protein (5% blood serum) as a light to moderate soil load.

Apply use-dilution 1:96 with a cloth, sponge, mop or brush, or power or hand sprayer. Thoroughly wet all surfaces and allow to remain wet for 10 minutes. After treatment, rinse food contact surfaces with potable water. For heavily soiled areas a precleaning step is required.

Heavy Duty Cleaning

Apply use-dilution, 2 oz./gal. water (1:64) as above (for 1:96). After treatment, rinse all surfaces with potable water.

This product fulfills the criteria of Appendix F, The Grade "A" Pasturized Milk Ordinance, 1965 recommendations of the United States Public Health Service, in waters up to 500 ppm of hardness calculated as CaCO₃ when tested by the A.O.A.C. Germicidal and Detergent-Sanitizer Official Method. Consult local health authorities for further information.

F/H is authorized for use under the U.S.D.A. Inspection Service program for poultry, meat, rabbit and egg product plants, as a sanitizer for precleaned equipment and utensils. When used as such, a potable water rinse is not required.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

APR 7 1986

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

42964-12

<u>F/H Dilution Guide</u>	<u>** Sanitizing</u>	<u>** General Disinfection</u>	<u>** One-Step Hospital Disinfection and Cleaning</u>	<u>** Heavy-Duty Cleaning</u>
Use Dilution	1:256	1:128	1:96	1:64
Quaternary Germicide Content	200 ppm	400 ppm	533 ppm	800 ppm
Mix per one gallon of water	1/2 oz.	1 oz.	1-1/3 oz.	2 oz.
Mix per two gallons of water	1 oz.	2 oz.	2-2/3 oz.	4 oz.
Mix per three gallons of water	1-1/2 oz.	3 oz.	4 oz.	6 oz.

**Categories explained in detail above in the "Directions For Use" section.

ACCEPTED
with COMMENTS
by EPA Letter D-128

APR 7 1986

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

42964-12

PRECAUTIONARY STATEMENTS: HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER: Keep Out of Reach of Children. Corrosive.

Causes 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 if swallowed or absorbed through skin. 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 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.

ACCEPTED
WITH COMMENTS
in EPA Letter 4/4/86

APR 7 1986

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For Container Sizes of One Gallon or Less:

STORAGE AND DISPOSAL

Storage: Store at ambient temperature. Keep container tightly closed when not in use. Do not freeze.

Disposal: Do not reuse empty container. Triple rinse empty container with water and discard into trash collection.

For Container Sizes of Over One Gallon:

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL

STORAGE: Store at ambient temperature. Keep container tightly closed when not in use. Do not freeze.

CONTAINER DISPOSAL: Do not reuse empty drum. Triple rinse and offer for reconditioning or puncture and dispose of in a sanitary landfill or by other approved federal, state or local procedures.

PESTICIDE DISPOSAL: Pesticide wastes are hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is in 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.

ACCEPTED
NO COMMENTS
M.P. Greenfield

APR 7 1986

Under the Pesticide Control Act
EPA Reg. 40 CFR 152.101
as amended
registered under EPA Reg. 40 CFR 152.101

42964-12

FOR SALE FOR USE AND STORAGE
BY MAINTENANCE PERSONNEL ONLY

Airwick Professional Products
Airwick Industries, Inc.
40 Seaview Drive
Secaucus, NJ 07094