

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Essential Industries, Inc.
P.O. Box 12
Merton, WI 53056-0012

NOV 24 1997

Dear Mr. Thomas Gitzlaff:

Subject: Quat 44
EPA Registration No. 3838-36
Your Submission Dated August 19, 1997
EPA Received Date of August 26, 1997

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, will be acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended label.

1. Under the Directions for Use, delete the uses for "food processing plants, food service establishments" and add "Not for use in Federally Inspected Meat and Poultry Processing Plants."

2. Also, under the Directions for Use section, revise the first sentence of the second paragraph to incorporate a reference to "non-food contact surfaces". For example, it should read as follows: "This product, when used as directed on non-food contact surfaces, is formulated..."

A stamped copy of your labeling is enclosed for your records. Submit one (1) copy of the final printed label prior to release of the product for shipment.

If you have any questions concerning this letter, please contact Julie Fairfax at (703) 308-9086.

Sincerely yours,



Velma Noble
Acting Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510W)

CONCURRENCES						
SYMBOL	7510W-Jul Fairfax: 11/24/97 3838-36					
SURNAME	<i>[Handwritten Signature]</i>					
DATE	<i>[Handwritten Date]</i>					

QUAT 44

KEEP OUT OF THE REACH OF CHILDREN
DANGER

For Commercial, Industrial and Institutional Use Only
See State Panels For Additional Precautionary Statements

Disinfectant · Cleaner · Deodorant
Mildewstat · Fungicide · Virucide*

EPA Reg. No. 3838-36 · EPA Est. No. 3838-WI-1

ACTIVE INGREDIENTS

n-Alkyl (60% C14, 30% C16, 5% C12, 6% C18)
dimethyl benzyl ammonium chlorides.....2.25%
n-Alkyl (68% C12, 32% C14)
dimethyl ethylbenzyl ammonium chlorides.....2.25%

INERT INGREDIENTS.....95.50%
TOTAL.....100.00%



**ESSENTIAL
INDUSTRIES**

P.O. Box 12 · Merton, WI 53056-0012 · (414) 538-1122



2318

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV 24 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 3838-36

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DIRECTIONS FOR USE

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

This product is a phosphate-free formulation designed to provide effective cleaning, deodorizing and disinfection specifically for hospitals, nursing homes, schools, food processing plants, food service establishments and other institutions where housekeeping is of prime importance in controlling the hazard of cross-contamination.

This product, when used as directed, is formulated to disinfect inanimate hard surfaces such as walls, floors, sink tops, toilet bowls, tables, chairs and telephones. For larger areas, such as operating rooms, patient care facilities and restrooms, this product is designed to provide both general cleaning and disinfection. This product deodorizes those areas which generally are hard to keep fresh-smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls and other areas which are prone to odor caused by microorganisms.

DISINFECTION: To disinfect inanimate, hard surfaces add 2 ounces of this product per gallon of water. Apply solution with a mop, cloth, sponge or hand-pump trigger sprayer as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid.

For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use. To disinfect toilet bowls, flush toilet, add 2 ounces of this product directly to the bowl water and swab the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

BACTERICIDAL ACTIVITY: When diluted at the rate of 2 ounces per gallon of water, this product exhibits effective disinfectant activity against the organisms *Pseudomonas aeruginosa* PRD 10, *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella schottmuelleri*, *Salmonella choleraesuis*, *Streptococcus salivarius*, *Brevibacterium ammoniagenes*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Enterobacter aerogenes*, *Staphylococcus aureus*, *Staphylococcus aureus* (methicillin resistant) and meets all requirements for hospital use.

MILDEWSTAT: To control mildew and mildew on pre-cleaned, hard, non-porous surfaces add 2 ounces of this product per gallon of water. Apply solution with a cloth, mop or sponge making sure to wet all surfaces

completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears.

FUNGICIDAL ACTIVITY: At the 2 ounces per gallon dilution, this product is also fungicidal against the pathogenic fungi, Trichophyton mentagrophytes (Athlete's Foot Fungus) when used as directed on hard surfaces found in bathrooms, shower stalls, locker rooms, exercise facilities or other clean non-porous, hard surfaces commonly contacted by bare feet.

EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE, FUNGICIDE AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

***VIRUCIDAL ACTIVITY:** This product, when used on environmental, inanimate hard surfaces at 2 ounces per gallon of water, exhibits effective virucidal activity against Influenza A2/Japan (representative of the common flu virus), Herpes Simplex Type 1 (causative agent of fever blisters), Adenovirus Type 2 (causative agent of upper respiratory infections), Vaccinia virus (representative of the pox virus group) and HIV-1 (Human Immunodeficiency Virus Type 1).

KILLS HIV-1 ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings (hospitals, nursing homes) or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS.)

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

PERSONAL PROTECTION: When handling items soiled with blood or body fluids, use disposable latex gloves, gowns, masks or eye coverings.

CLEANING PROCEDURES: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

CONTACT TIME: Allow surface to remain wet for 10 minutes.

DISPOSAL OF INFECTIOUS MATERIALS: Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

Net Contents: One Gallon (3.8 Liters)

PRECA

HAZARDS TO HI

DANGER. KEEP OUT OF THE REACH OF CI

Do not get in eyes, on skin or on cloth. handling. Harmful or fatal if swallowed contaminated clothing and wash before re

STATEMENT OF PRACTICAL TREATMENT: plenty of water for at least 15 minutes. F gelatin solution or, if these are not availa physician.

NOTE TO PHYSICIAN: Probable mucosal d

STORA

DO NOT CONTAMINATE WATER.

STORAGE: Store in a dry place no lower in **CONTAINER DISPOSAL:** Do not reuse emp

layers of newspaper, and discard empty con **PESTICIDE DISPOSAL:** Pesticide wastes are spray mixture, or rinseate is a violation of f according to label instructions, contact your hazardous waste representative at the near

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