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3838-42

12/1/97

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

DEC 01 1997

Dear Mr. Thomas Gitzlaff:

Subject: Quat 256
EPA Registration No. 3838-42
Your Submission Dated August 20, 1997
EPA Received Date of September 2, 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 labeling.

1. Revise your Container Disposal statement to read "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."

2. Remove the medical/physicians symbol from the lower right front page.

A stamped copy of the 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,

for Julie Fairfax

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

Enclosure

7510W-J.Fairfax:12/1/07:3838-42

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

QUAT 256

KEEP OUT OF THE REACH OF CHILDREN

DANGER

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

Disinfectant · Cleaner · Deodorizer
Sanitizer · Fungicide · Virucide*

EPA Reg. No. 3838-42 · EPA Est. No. 3838-WI-1

ACTIVE INGREDIENTS

n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18)	
dimethyl benzyl ammonium chloride.....	6.25%
n-Alkyl (68% C12, 32% C14)	
dimethyl ethylbenzyl ammonium chloride.....	6.25%
INERT INGREDIENTS	87.50%
TOTAL	100.00%

 **ESSENTIAL
INDUSTRIES**

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



256

ACCEPTED
with COMMENTS
in EPA Letter Dated:

DEC - 1 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 3838-42

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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 has been designed to provide effective cleaning, deodorizing, sanitization 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 non-porous, inanimate environmental surfaces such as walls, floors, sink tops, toilet bowls, tables, chairs, telephones and bed frames. 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. In addition, this product sanitizes previously cleaned and rinsed non-porous food contact surfaces such as tanks, chopping blocks, counter tops, drinking glasses and eating utensils.

DISINFECTION: To disinfect inanimate, hard surfaces, add 1/2 ounce 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. Remove gross filth or heavy soil prior to application of this product. Prepare a fresh solution for each use.

To disinfect toilet bowls, flush toilet, add 1/2 ounce of this product directly to the bowl water. 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.

SANITIZATION: To sanitize previously cleaned and rinsed non-porous food contact surfaces prepare a 200 ppm active quaternary solution by adding 1 ounce of this product to 5 gallons of water.

To sanitize immobile items such as tanks, chopping blocks and counter tops, flood the area 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 and eating utensils, immerse in a 200 ppm active quaternary 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.

When used for sanitization of previously cleaned food equipment or food contact items, limit active quaternaries to 200 ppm. At this level no potable water rinse is required. This product is an effective sanitizer when diluted in water up to 600 ppm hardness (CaCO₃).

BACTERICIDAL ACTIVITY: When diluted at the rate of 1/2 ounce per gallon of water, this product exhibits effective disinfectant activity against the organisms *Pseudomonas aeruginosa* PRD 10, *Escherichia coli*, *Klebsiella pneumoniae*,

Salmonella schottmulleri, *Salmonella choleraesuis*, *Streptococcus salivarius*, *Brevibacterium ammoniogenes*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Enterobacter aerogenes* and *Staphylococcus aureus* and meets all requirements for hospital disinfectants.

MILDEWSTAT: To control mold and mildew on pre-cleaned, hard, non-porous surfaces add 1/2 ounce 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. At the 1/2 ounce per gallon dilution, this product is also a fungicidal against the pathogenic fungi, Trichophyton mentagrophytes.

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 1/2 ounce 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 5 (causative agent of upper respiratory infections) and Vaccinia virus (representative of the pox virus group).

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 expedited 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.

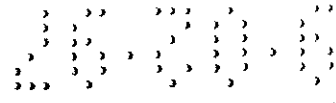
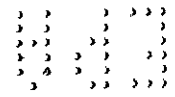
PERSONAL PROTECTION: When handling items soiled with blood or body fluids, use disposable latex gloves, gowns, masks or eye coverings.

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)



PRECAUTIONS

DANGER. KEEP OUT OF THE REACH OF CHILDREN. Do not get in eyes, on skin or on clothing. handling. Harmful or fatal if swallowed. contaminated clothing. Wash thoroughly with plenty of water for at least 15 minutes. For eye clothing before reuse. If swallowed, drink large quantities of water. Avoid alcohol. **NOTE TO PHYSICIAN:** Probable mucosal damage.

STORAGE

DO NOT CONTAMINATE WATER. **STORAGE:** Store in a dry place no lower in temperature than 40°F. **CONTAINER DISPOSAL:** Do not reuse empty containers. **PESTICIDE DISPOSAL:** Pesticide wastes are a special hazard. Do not mix or add to any other spray mixture, or rinseate is a violation of Federal Law. For more information, according to label instructions, contact your State or local Hazardous Waste representative at the nearest EPA office.

ACCEPTED
with COMMENT
in EPA Letter D

DEC - 1

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the purposes of this product registered under EPA