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PM31 3838-46 1043  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

- 414-538-1354 -

AUG 05 1992

Essential Industries, Inc.  
28391 Essential Road  
Merton, WI 53056

Attn: Michael Wheeler, M.D.

Subject: READIQUAT  
EPA Registration No. 3838-46  
Amendment dated December 2, 1991

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

a. Include the "precautionary statements to the label. Refer to the last accepted label of 5/18/90. (copy enclosed)

b. Include the heading "Storage and Disposal". Refer to the last accepted label of 5/18/90. (copy enclosed)

c. Change the statement "Recommended for disinfecting hard non-porous, inanimate surfaces", to read "Recommended for disinfecting precleaned hard non-porous, inanimate surfaces".

d. Delete the following organisms:

Streptococcus pyogenes,  
Tricholphyton interdigitale,  
Influenza Type A  
Herpes Simplex Type 2

Note: Data must be provided to support the product's effectiveness against the above organisms.

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

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e. Delete claim "for use in federally inspected meat and poultry plants".

Note: Labels bearing the above claim can only be accepted when the amendment/application is accompanied by a copy of a document (letter) from USDA indicating that they have no objection to the proposed use, or claim.

f. Move the paragraph "Not only ... airports." to appear above the "Directions For Use".

g. Move the paragraph "\*Kills HIV-1...AIDS)." to appear directly above the heading "Special Instructions for ... Germicide."

2. 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) 305-6982.

Sincerely,

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

Enclosure



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CONTINUATION

SYMBOL							
SUMMARY							
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Enclosure

PM31 3838-46

**DIRECTIONS FOR USE**

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

**FOR DISINFECTING:** Apply by mop, sponge, cloth or spray on hard nonporous surfaces for a minimum contact time of ten minutes in a single application. For disinfecting, remove gross food particles and heavy soil deposits, then thoroughly wet surfaces. Ready to use solution may be used once and discarded. Rinsing is not necessary on floor surfaces which are to be waxed or polished.

**KITCHEN:** Kitchen floors collect both traffic dirt and germs. Use anywhere greasy dirt is a problem.

**BATHROOM:** Great for cleaning and deodorizing basins, tubs and tiles. Leaves everything bright and clean ... kills odor-causing household germs. Odors disappear instantly. Use where odors are a problem.

**TO CLEAN AND DISINFECT TOILET BOWLS:** Remove or expel over the inner trap residual bowl water prior to applying use solution. Use 4 ounces of concentrate in toilet bowl. Squeeze around bowl and under rim. Then scrub thoroughly with brush. This product, when used as directed, will not harm white or colored bowls or inanimate, hard surfaces. Close cap after use. For urinals add 4 ounces of concentrate. Then scrub thoroughly with a brush for a contact time of ten minutes.

**MILDEWSTATIC INSTRUCTIONS:** Will effectively inhibit the growth of mold and mildew plus the odors caused by them when applied to hard, nonporous surfaces such as walls, floors and table tops. Apply solution by spraying making sure to wet all surfaces completely. Let air dry. Repeat application weekly or when growth reappears.

\* Kills HIV-1 (AIDS virus) on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids in healthcare settings 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).

# READIQUAT

**\*VIRUCIDAL  
READY TO USE GERMICIDE  
CLEANER - DISINFECTANT - DEODORANT**

EPA REG NO. 3838-46 • EPA EST NO. 3838-W1-1

**Active Ingredients:**

n-Allyl (C14 80%, C16 30%, C12 5%, C18 5%)	
dimethyl benzyl ammonium chloride .....	0.08%
n-Allyl (C12 50%, C14 30%, C16 17%, C18 3%)	
dimethyl ethylbenzyl ammonium chloride .....	0.08%
Inert Ingredients .....	98.52%

**KEEP OUT OF THE REACH OF CHILDREN  
CAUTION**

Contents: One Quart



**ESSENTIAL  
Industries, Inc.**

MERTON, WISCONSIN 53055 • Phone: (414) 838-1122

**SPECIAL INSTRUCTIONS FOR CLEANING AGAINST HIV-1 (AIDS VIRUS) OF SURFACES WITH BLOOD/BODY FLUIDS. READY TO USE**

**Personal Protection:** Disposable latex gloves, masks, or eye coverings as appropriate, removal of body fluids, blood and decontamination. **Cleaning Procedures:** Blood and body fluids cleaned from surfaces and objects before use. **Contact Time:** Effective against HIV-1 (AIDS virus) on surfaces in the presence of a moderate amount of serum (providing 1800 ppm of active quaternary ammonium) for 10 minutes at room temperature (20-25° C). \*U.S. EPA approved for disinfection against all other bacteria (listed on labeling).

**Disposal of Infectious Materials:** Blood and body fluids autoclaved and disposed of according to local regulations for infectious waste disposal.

**CONTAINER DISPOSAL:** Do not reuse container. Rinse thoroughly before discarding in trash. Secure with several layers of newspaper and discard in trash.

**GENERAL:** Consult federal, state or local health department for approved alternative procedures, such as fumigation. Not only helps control the hazard of cross-contamination on hard, nonporous, environmental surfaces, but also kills microorganisms that cause odors. Recommended for use in homes, schools, colleges, office buildings, airports, and public places.

**Kills:** *Staphylococcus aureus*, *Salmonella typhimurium*, *Staphylococcus aureus* & *Staphylococcus aureus*. \*Virucidal against HIV-1 (AIDS virus).

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