

PM31 3838-46 1042
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

APR 29 1993

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

Attention: Michael Wheeler, M.D.

Gentlemen:

Subject: READIQUAT
EPA Registration Number 3838-46
Your Submission Dated April 2, 1993
EPA Received Date April 4, 1993


The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, to request approval for updated revised product labeling, is acceptable.

A stamped copy of labeling is enclosed for your records.

However at the next printing of product labeling, move the paragraph "Kills HIV-1....Aids" to appear directly above the heading "Special Instructions forGermicide."

If you have any questions concerning this letter please contact Karen M. Leavy at (703)-305-6966.

Sincerely yours,

John H. Lee 
Product Manager-31
Antimicrobial Program Branch
Registration Division(H7505-C)

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

PH 31

3838-46

READIQUAT

*VIRUCIDAL READY-TO-USE GERMICIDE

CLEANER · DISINFECTANT · DEODORANT

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

Active Ingredients:

- n-Alkyl (C14 60%, C16 30%, C12 5%, C18 5%)
- dimethyl benzyl ammonium chloride 0.09%
- n-Alkyl (C12 50%, C14 30%, C16 17%, C18 3%)
- dimethyl ethylbenzyl ammonium chloride 0.09%
- Inert Ingredients 99.82%

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

Contents: One Quart



**ESSENTIAL
Industries, Inc.**

Merton, Wisconsin 53056 · Phone: (414) 538-1122

Not only helps control the hazard of cross-contamination from treated surfaces on hard, non-porous, environmental surfaces but also kills many microorganisms that cause odors. Recommended for disinfecting precleaned hard, non-porous, inanimate surfaces. For use in households, schools, colleges, office buildings, airports.

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, non-porous 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 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, non-porous 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 precleaned environmental surfaces/objects previously soiled with blood/body fluids in health care 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 (AIDS VIRUS) OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS. READY TO USE GERMICIDE.

PERSONAL PROTECTION: Disposable masks, or eye coverings as appropriate, for body fluids, blood and decontamination procedures. **CLEANING PROCEDURES:** Blood and body fluids should be removed from surfaces and objects before application. **CONTACT TIME:** Effective against HIV-1 surfaces in the presence of a moderate amount of organic material (providing 1800 ppm of active quaternary ammonium)(providing 1800 ppm of active quaternary ammonium) at room temperature (20-25° C). Use a disinfectant against all other bacteria, fungi and viruses (see labeling).

DISPOSAL OF INFECTIOUS MATERIAL: Should be autoclaved and disposed of according to regulations for infectious waste disposal.

CONTAINER DISPOSAL: Do not reuse container. Before discarding in trash. Securely wrap or place in newspaper and discard in trash.

GENERAL: Consult federal, state or local health department for alternative procedures, such as limited options. Kills Salmonella choleraesuis, Pseudomonas aeruginosa, and Staphylococcus aureus. *Virucidal against HIV-1 (AIDS virus).

PRECAUTIONARY STATEMENTS

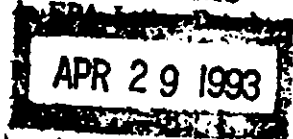
Hazard to Humans & Domestic Animals - **CAUTION:** Harmful if swallowed. May cause irritation of food. Do not get in eyes. Avoid contact with skin. Wash thoroughly with soap and water after use.

STATE OF PRACTICAL TREATMENT: If in contact with water, in case of contact, immediately flush with water for at least 15 minutes. If irritation persists, seek medical attention.

STORAGE AND DISPOSAL: Do not store in unapproved containers. Do not store in unapproved containers. Do not store in unapproved containers.

CONTAINER DISPOSAL: Triple rinse (or equivalent) and reuse for dilution, unless otherwise approved by state and local health departments. For Commercial, Industrial and Institutional Use Only.

ACCEPTED
with COMMENTS



Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 3838-46