

PM31

3838-46

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 29 1997

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

Attention: Michael Wheeler, CEO

Subject: Readiquat  
EPA Registration No. 3838-46  
Letter Dated March 12, 1997

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, to match that of your raw material manufacturer's (Lonza) most current stamped/accepted label, is acceptable, provided that you make the following changes listed below.

1. Delete the statement "For Federally Inspected Meat and Poultry Processing Plants". Labels bearing this claim can only be accepted when the application and/or amendment is accompanied by a copy of a document (letter) from the U. S. Department of Agriculture indicating that they have no objection to the proposed amendment, use, or claim in Federally Inspected Meat and Pultry Processing Plants.

2. The following uses must be deleted from the label or supporting data must be submitted.

- Sanitizing Non-Food Contact Surfaces
- Virucidal against Influenza Type A and Herpes Simplex Type 2

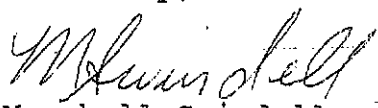
3. Delete the word "Concentrate". This is a ready-to-use product.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

Submit (1) copy of the final printed label before you release the product for shipment bearing the amended labeling. A stamped copy of the label is enclosed for your records.

If you have any questions concerning this letter, please contact Martha Terry at (703) 305-6982.

Sincerely,



Marshall Swindell  
Acting Product Manager (31)  
Regulatory Management Branch 1  
Antimicrobial Division (7510W)

Enclosure

# READIQUAT

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

EPA Reg. No. 3838-46 · EPA Est. No. 3838-WI-1  
**For Commercial, Industrial and Institutional Use Only**

**ACTIVE INGREDIENTS**

n-Alkyl (C <sub>14</sub> 60%, C <sub>16</sub> 30%, C <sub>12</sub> 5%, C <sub>18</sub> 5%) dimethyl benzyl ammonium chloride .....	0.09%
n-Alkyl (C <sub>12</sub> 50%, C <sub>14</sub> 30%, C <sub>16</sub> 17%, C <sub>18</sub> 3%) dimethyl ethylbenzyl ammonium chloride .....	0.09%
<b>INERT INGREDIENTS</b> .....	<u>99.82%</u>
<b>TOTAL</b> .....	100.00%

ACCEPTED  
with COMMENTS  
in EPA Letter Date:

MAY 29 1997

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

3838-46

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

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS



***ESSENTIAL Industries, Inc.***

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

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REC'D ENV/CHP/DPD1

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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 schools, colleges, office buildings, airports and federally inspected meat and poultry plants.

**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. 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. Kills *Streptococcus pyogenes*, *Salmonella choleraesuis*, *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Trichophyton interdigitale* (Athlete's Foot Fungus). \*Virucidal against Influenza Type A, Herpes Simplex Type 2 and HIV-1 (AIDS virus).

**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. 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 germicide 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 on container after use. For urinals add 4 ounces of germicide. 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.

**SANITIZING NON-FOOD CONTACT SURFACES:** Such as walls, floors and tables at a ready to use solution. This product is effective against *Staphylococcus aureus* and *Enterobacter aerogenes* in the presence of 5% serum for specified hard, non-porous surfaces.

\*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 latex or vinyl gloves, gowns, face masks, or eye coverings as appropriate, must be worn during all cleaning of body fluids, blood and decontamination procedures.

**CLEANING PROCEDURES:** Blood and body fluids must be thoroughly cleaned from surfaces and objects before application of disinfectant.

**CONTACT TIME:** Effective against HIV-1 (AIDS virus) on hard non-porous surfaces in the presence of a moderate amount of organic soil (5% blood serum) (providing 1800 ppm of active quaternary) (or a contact time of 5 minutes at room temperature (20-25° C). Use a ten (10) minute contact time for disinfection against all other bacteria, fungi, and viruses claimed (listed on labeling).

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

**ENVIRONMENTAL HAZARD:** Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS & DOMESTIC ANIMALS

**KEEP OUT OF REACH OF CHILDREN. CAUTION.** Harmful if swallowed. May cause skin and eye irritation. Avoid contamination of food. Do not get in eyes. Avoid contact with skin and clothing. Wash thoroughly with soap and water after handling.

##### STATEMENT OF PRACTICAL TREATMENT

If swallowed, drink large quantities of water. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.

##### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**STORAGE:** Store in a dry place no lower in temperature than 50°F or in higher than 120°F.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or resale is a violation of Federal Law. If those wastes can not be disposed 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.

**GENERAL:** Consult federal, state or local disposal authorities for approved alternative procedures, such as limited open burning.

Net Contents: Five Gallons (18.9 Liters)

BEST AVAILABLE COPY

ACCEPTED  
with COMMENTS  
in EPA Letter Data

MAY 29 1997

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