

PM-31

Reg # 3838-46

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**ESSENTIAL Industries, Inc.**

P.O. Box 12 • Merton, WI 53056-0012 • (414) 538-1122 • (800) 551-9679 • FAX (414) 538-1354

December 7, 1995

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504C)  
U.S. Environmental Protection Agency  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Washington, D.C. 20460

Dear Document Processor:

Enclosed please find an application of notification, four (4) revised label copies of the silkscreen for the product, two each of the five gallon and one gallon size, two (2) original Confidential Statement of Formula (CSF) forms, and a Formulator's Exemption Form for our disinfectant product Readiquat, EPA Registration No. 3838-46, EPA Establishment No. 3838-WI-1. The reason we have included four (4) copies of the revised label, two each of the five gallon size and the one gallon size is so one copy of each size can be used for stamping as acceptable and returned to us and the other copy of each has the changes marked as required by PR Notice 95-2. The five gallon size label is representative of all of our labeling for this product in five gallon or greater size containers and the one gallon size label is representative of all of our labeling for this product in less than five gallon size containers.

The following changes have been made to the label and CSF per Notification as required by PR Notice 95-2:

- The label was updated to match our raw material manufacturer's most current stamped/accepted labeling for this product.
- We have revised our container disposal statement on our labeling for this product in containers of less than five gallon size as permitted in PR Notices 83-3 and 84-1. The disposal statement on the labeling for this product in containers of five gallon or greater size remain the same. The disposal statement on the labeling for this product in containers of less than five gallon size is as follows:

**CONTAINER DISPOSAL:**

- Do not reuse empty container. Rinse thoroughly, securely wrap in several layers of newspaper, and discard empty container in trash.

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- We have typed in "qualified suppliers" in number "11. Supplier Name & Address" on our CSF to reflect the use of various vendors for the inert ingredients, all of which are acceptable for use in the approved formulation.

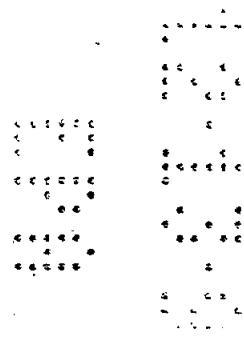
The following changes have been made to the CSF per Minor Formulation Amendment as required by PR Notice 95-2:

- We revised the CSF by listing alternative fragrances and dyes, all of which are approved for use in this formulation.

If you have any questions on the enclosed material or require further information please feel free to call us at any time. Thank you for your assistance with this notification and minor formulation amendment.

Sincerely,  
Essential Industries, Inc.

  
Pam Larsen  
Dawn Zellmer  
Regulatory Department



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# 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%

**INERT INGREDIENTS** ..... 99.82%

**TOTAL** ..... 100.00%

**KEEP OUT OF THE REACH OF CHILDREN**

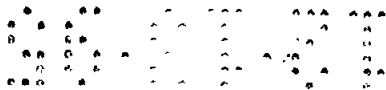
**CAUTION**

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS



***ESSENTIAL Industries, Inc.***

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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 pre-cleaned 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 pre-cleaned 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.

**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.

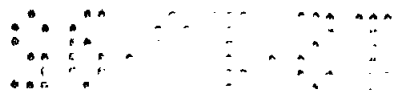
**STORAGE:** Store in a dry place no lower in temperature than 50°F or in higher than 120°F.

**CONTAINER DISPOSAL:** Do not reuse empty container. Rinse thoroughly, secure wrap in several layers of newspaper, and discard empty container in trash.

**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)**



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**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (AIDS VIRUS)**

**OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS. READY TO USE GERMICIDE.**

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

**Net Contents: One Gallon (3.8 Liters)**