

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

MAY 23 2001

Subject: Quat 20
EPA Registration No.3838-51
Letter Dated March 28, 2001

Attn: Maureen Smith
Regulatory Manager

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy of the label is enclosed for your records. Submit one (1) copy of the final printed label before this product is released for shipment.

If you have any questions concerning the comments in this letter, you should contact Zenobia Jones at (703) 308-6198.

Sincerely,



Velma Noble
Product Manager 31
Regulatory Management Branch 1
Antimicrobial Division (7510C)

CONCURRENCES

SYMBOL	7510C							
SURNAME	Z. Jones							
DATE	5/23/01							

QUAT 20

KEEP OUT OF THE REACH OF CHILDREN
DANGER

For Commercial, Industrial, and Institutional Use Only.
See Back Panel for Additional Precautionary Statements

Cleaner • Disinfectant • Detergent
Deodorizer • Virucide*

EPA Reg. No. 3838-51 • EPA Est. No. 3838-WI-1

ACTIVE INGREDIENTS

Octyl decyl dimethyl ammonium chloride.....	0.53535%
Diactyl dimethyl ammonium chloride.....	0.26776%
Didecyl dimethyl ammonium chloride.....	0.26776%
Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride.....	0.71363%
INERT INGREDIENTS.....	98.2155%
TOTAL.....	100.0000%

 **ESSENTIAL
INDUSTRIES**



2311DN

ACCEPTED
with COMMENTS
in EPA Letter Dated:

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 3838-51

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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 is a phosphate-free formulation designed to provide effective cleaning, deodorizing and disinfection specifically for hospitals, nursing homes, hotels, schools, restaurants and other institutions where housekeeping is of prime importance in controlling cross-contamination from treated surfaces.

This product, when used as directed, is formulated to disinfect hard, non-porous, inanimate, environmental surfaces such as floors, walls, metal surfaces, stainless steel surfaces, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bath tubs and cabinets. For larger areas such as operating rooms, patient care facilities and restrooms, this product is designed to provide both general cleaning and disinfecting.

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 odors caused by microorganisms.

This product is formulated to a neutral pH and will not dull high-gloss floor finishes with repeated use.

NOTE: A rinse with potable water is required for surfaces in direct contact with food.

DISINFECTION: To disinfect inanimate, hard, non-porous surfaces add 6.4 ounces (1:20) of this product per gallon of water. Apply solution with a mop, cloth, sponge, or hand-pump trigger sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid.

For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

To disinfect toilet bowls, remove gross filth or soils from surfaces with bowl brush. Add 6.4 (1:20) ounces of product to the bowl water. Brush or 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. When used as a disinfectant on food contact surfaces such as counter tops, tables and appliances, wash surfaces thoroughly with a potable water rinse. Do not use on utensils, dishes or glasses.

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

NOTE: This product should not be used to clean food contact surfaces, utensils, glassware and dishes.

EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE AND VIRUCIDE IN WATER UP TO 400 PPM HARDNESS (AS CaCO₃) IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

DEODORIZATION: To deodorize, apply this product as indicated under the heading DISINFECTION.

BACTERICIDAL ACTIVITY: At the 6.4 (1:20) ounces per gallon dilution, this product demonstrates effective disinfectant activity against the organism: *Pseudomonas aeruginosa* PRD-10, *Salmonella choleraesuis*, *Staphylococcus aureus*, *Staphylococcus aureus* (clinical isolate), *Bordetella bronchiseptica*, *Corynebacterium ammoniogenes*, *Enterobacter*

aerogenes, *Enterobacter cloacae*, *Enterobacter cloacae* (clinical isolate), *Enterococcus faecalis*, *Enterococcus faecalis* (clinical isolate), *Escherichia coli*, *Escherichia coli* (clinical isolate), *Fusobacterium necrophorum*, *Klebsiella pneumoniae* subsp. *pneumoniae*, *Lactobacillus casei* subsp. *rhamnosus*, *Listeria monocytogenes*, *Pasteurella multocida*, *Proteus vulgaris*, *Proteus mirabilis* ATCC 9921, *Proteus mirabilis* ATCC 25933, *Salmonella choleraesuis* subsp. *choleraesuis* serotype paratyphi B, *Salmonella choleraesuis* subsp. *choleraesuis* serotype typhi, *Salmonella choleraesuis* subsp. *choleraesuis* serotype typhimurium, *Salmonella choleraesuis* subsp. *choleraesuis* serotype pullorum, *Serratia marcescens*, *Shigella sonnei*, *Shigella flexneri* Type 2b, *Shigella dysenteriae*, *Staphylococcus aureus* subsp. *aureus*, *Staphylococcus epidermidis*, *Staphylococcus epidermidis* (clinical isolate), *Streptococcus pyogenes* (Clinical - Flesh eating strain BIRD M3), *Streptococcus pyogenes* Group A, *Xanthomonas maltophilia* (clinical isolate) and *Vancomycin* resistant *enterococcus faecalis* (ATCC 51575).

FUNGICIDAL ACTIVITY: At the 6.4 (1:20) ounces per gallon dilution, this product demonstrates effective fungicidal activity against the pathogenic fungi *Trichophyton mentagrophytes*, *Candida albicans* and *Aspergillus niger*.

***VIRUCIDAL ACTIVITY:** This product, when used on environmental, inanimate hard non-porous surfaces at 6.4 ounces per gallon of water, exhibits effective virucidal activity against Herpes Simplex Type 1 (causative agent of fever blisters), Herpes Simplex Type 2 (genital disease), Influenza A2/Hong Kong, Vaccinia, Pseudorabies, Bovine Rhinotracheitis, Feline Leukemia, Feline Picornavirus and Canine Distemper.

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 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 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)

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PRECAUTIONARY HAZARDS TO HUMANS AND

DANGER. KEEP OUT OF REACH OF CHILDREN. CORROSIVE. May irritate eyes, nose, throat, and skin. Do not get in eyes, on skin or clothing. Wear protective eyewear, rubber gloves. Harmful if swallowed and/or if absorbed through skin. Avoid breathing dust. Do not handle or dispose of in a way that may result in contact with food, feed, or animal feed. Remove contaminated clothing and wash clothes before re-use.

FIRST

IF IN EYES, hold eye open and rinse slowly and gently with water for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. **IF ON SKIN OR CLOTHING,** take off contaminated clothing. Wash thoroughly with soap and water. Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor.

NOTE TO USER

Probable mucosal damage may contraindicate the use of

STORAGE AND

Do not contaminate water, food, or feed by storage or disposal. **STORAGE:** Store in a dry place no lower in temperature than 40°F. **CONTAINER DISPOSAL:** Do not reuse empty container. Recycle where available. Do not burn. **PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. If these instructions, contact your State Pesticide or Environmental Control Agency, or the nearest EPA Regional Office for guidance. Containers greater than 1 gallon: "Do not store on side."

Essential Inc.

P.O. Box 12 - Merton, Wisconsin 53151