

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP - 4 2003

Ms. Kimberly Johnson  
QC/Regulatory Technician  
Essential Industries, Inc.  
P.O. Box 12  
Merton, WI 53056

Subject: Quat 256  
EPA Registration No. 3838-42  
Application Date: 5/28/03  
Receipt Date: 6/13/03

Dear Ms. Johnson:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable with comments:

Update First Aid statements

LABEL COMMENTS

1. Add the following statement to the Disinfection Directions: Before using this product, food products and packaging materials must be removed from area or carefully protected. After use, all surfaces in the area must be thoroughly rinsed with potable water.
2. You must submit separate "Cleaning and Deodorizing" directions. They must clearly separated from the Directions of Use,
3. The Agency assumes that the only container size for this product is one-half gallon. Revise your Storage and Disposal statement to read as follows: If you are marking this product in larger sized container, notify the Agency so that the proper language may be added to your label.

GENERAL COMMENTS

A stamped copy of the accepted labeling is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

CONCURRENCES							
SYMBOL	7510C						
SURNAME	K. Jones						
DATE	8-19-03						

Should you have any questions or comments concerning this letter, please contact Zenobia Jones at (703) 308-6198.

Sincerely,

A handwritten signature in black ink, appearing to read "Velma Noble". The signature is written in a cursive style with a large initial "V".

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

ACTIVE INGREDIENTS

n-Alkyl (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> )	6.25%
dimethyl benzyl ammonium chlorides	
n-Alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> )	6.25%
dimethyl ethylbenzyl ammonium chlorides	87.50%
<b>TOTAL</b>	<b>100.00%</b>



P.O. Box 12 • Merton, Wisconsin 53058-0012 USA  
(262) 538-1122 • www.essind.com



# QUAT 256

EPA Reg. No. 3838-42 · EPA Est. No. 3838-WI-1

Disinfectant · Cleaner · Deodorizer  
Sanitizer · Fungicide · Virucide\*

KEEP OUT OF REACH OF CHILDREN  
**DANGER**

For Commercial, Industrial  
and Institutional Use Only.

See Side Panels For  
Additional Precautionary Statements.

Net Contents:  
1900 Milliliters  
(One-Half Gallon)

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

SEP 4 - 2003

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 3838-42

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. This product has been designed to provide effective cleaning, deodorizing, sanitization and disinfection specifically for hospitals, nursing homes, schools, food processing plants, food service establishments and other institutions where housekeeping is of prime importance in controlling the hazard of cross-contamination.

This product, when used as directed, is formulated to disinfect non-porous, inanimate environmental surfaces such as walls, floors, sink tops, toilet bowls, tubs, chairs, telephones and bed frames. For larger areas, such as operating rooms, patient care facilities and restrooms, this product is designed to provide both general cleaning and disinfection. This product disinfects 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 odor caused by microorganisms. In addition, this product sanitizes previously cleaned and rinsed non-porous food contact surfaces such as tanks, chopping blocks, counter tops, drinking glasses and eating vessels.

**DISINFECTION:** To disinfect inanimate, hard surfaces, add 1/2 ounce of this product per gallon of water. Apply solution with a mop, cloth, sponge or hand pump trigger sprayer as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. Remove gross dirt or heavy soil prior to application of this product. Prepare a fresh solution for each use. To disinfect toilet bowls, flush toilet, add 1/2 ounce of this product directly to the bowl water. Scrub the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

**SANITIZATION:** To sanitize previously cleaned and rinsed non-porous food contact surfaces prepare a 200 ppm active quaternary solution by adding 1 ounce of this product to 5 gallons of water.

To sanitize inanimate items such as tanks, chopping blocks and counter tops, flood the area with a cloth or sponge making sure to wet all surfaces completely for at least 10 seconds. Let air dry. Prepare a fresh solution for each use. To sanitize mobile items such as drinking glasses and eating utensils, immerse in a 200 ppm active quaternary solution for at least 60 seconds making sure to immerse completely. Remove and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

When used for sanitization of previously cleaned food equipment or food contact items, flush active quaternaries to 200 ppm. At this level no potable water rinse is required. This product is an effective sanitizer when diluted in water up to 600 ppm hardness (CaCO<sub>3</sub>).

**BACTERICIDAL ACTIVITY:** When diluted at the rate of 1/2 ounce per gallon of water, this product exhibits effective bactericidal activity against the organisms *Pseudomonas aeruginosa* P80 10, *Escherichia coli*, *Staphylococcus aureus*, *Salmonella schottmulleri*, *Salmonella choleraesuis*, *Streptococcus faecalis*, *Streptococcus faecium*, *Streptococcus meningitidis*, *Streptococcus pneumoniae*, *Shigella dysenteriae*, *Enterobacter aerogenes* and *Staphylococcus aureus* and meets all requirements for hospital disinfectants.

**MILDEWICIDE:** To control mildew and mold on pre-cleaned, hard, non-porous surfaces add 1/2 ounce of this product per gallon of water. Apply solution with a cloth, mop or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears. At the 1/2 ounce per gallon dilution, this product is also a fungicide against the pathogenic fungi, *Trichophyton mentagrophytes*.

**EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE, FUNGICIDE AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (BY BLOOD SERUM).**

**\*VIRUCIDAL ACTIVITY:** This product, when used on environmental, inanimate hard surfaces at 1/2 ounce per gallon of water, exhibits virucidal activity against influenza A2/Sydney (representative of the common flu virus), Herpes Simplex Type 1 (cosmetic danger of fever blisters), Adenovirus Type 5 (cosmetic agent of upper respiratory infections) and Rotavirus (representative of the pox virus group).

**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/object with blood or body fluids and in which the surfaces/object which is to be soiled with blood or body fluids can be



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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 covering.  
**CLEANING PROCEDURES:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.  
**CONTACT TIME:** Allow surfaces to remain wet for 10 minutes.  
**DISPOSAL OF INFECTIOUS INFIRMALIS:** Blood and other body fluids should be collected and disposed of according to local regulations for infectious waste disposal.

**PRECAUTIONARY STATEMENTS**

**HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER: KEEP OUT OF THE REACH OF CHILDREN. CORROSIVE.** Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Thoroughly wash if swallowed. Avoid contamination of food. Remove and wash contaminated clothing. Wash thoroughly with soap and water after handling.

**FIRST AID**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Flush skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Remove person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**NOTE TO PESTICIDE:** Probable mucousal damage may contraindicate the use of gastric lavage.

**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 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 incineration, or if allowed by state and local authorities by burning. If burned, stay out of smoke.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of 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.

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