

PM 31 4828-81
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MAY 14 1988

ABCO
P.O. Box J
Irwin, PA 15642

Attention: Allen S. Apter

Gentlemen:

Subject: Quatrene
EPA Registration No. 4828-81
Your Submission Dated February 16, 1987

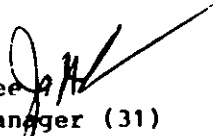
It has been brought to our attention that the letter dated May 14, 1988 was sent to you in error. We have rereviewed your labels of February 16, 1987 and our comments follows.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Please note that this letter will supersede our letter of May 14, 1988, and we regret any inconvenience this may have caused you.

If you have any questions concerning this letter, please contact Martha DeLaney at (703) 557-3675.

Sincerely yours,


John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

50204:I:Lee:L-7:KENCO:8/10/88:9/22/88:CB:VO:SG:CS

CONCURRENCES

SYMBOL								
SURNAME								1 of 2
DATE								

QUATRENE

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food or feed by storage and disposal.
PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
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.

ROOM FOGGING: Apply as follows, as an adjunct to manual cleaning and disinfecting, to reduce the hazard of cross-infection from environmental surfaces. Remove all human or plant life from room. Open closet doors and drawers. Set revolving sprayer or other fogging device in center of room. Unit should operate at 3 RPM. Fill reservoir with 1 1/2 oz. of product mixed with 1 gallon of water. Set sprayer to deliver 1 gallon of solution. Fog for 15 minutes in an average 2100 cu. ft. room. Adjust spray time proportionately for other room sizes, so as to insure complete wetting of all surfaces. Enter room only 2 hours after treatment is completed. Rinse spraying device with clear water. Now proceed with routine terminal cleaning and disinfecting.

COLD DISINFECTATION: Submerge previously cleaned surgical instruments, dental equipment and barber tools in a solution containing 1 1/2 oz. product per gallon of water for at least 10 minutes.

SANITIZING:

- FOOD PROCESSING & FOOD UTENSILS:** Dilute 1 oz. product per 4 gallons of water. Maintain contact time with sanitizing solution for at least 1 minute. No potable water rinse is required at this level.
- For dishes, glassware, cooking utensils or silverware, first wash with soap or synthetic detergent, rinse thoroughly and immerse in a sanitizing solution of 1 oz. per 4 gallons of water for at least 1 minute. Drain the use solution from the surface and air dry. No terminal potable water rinse is needed.
- DAIRY EQUIPMENT:** Clean and rinse equipment thoroughly, then apply a solution of 1 oz. per 4 gallons of water for a contact time of at least 1 minute. No potable water rinse required. Follow local health Board recommendations.
- For mechanical operations the prepared use solution may not be reused for sanitizing, but may be used for other purposes such as cleaning. For manual operations a fresh sanitizing solution must be prepared at least daily or more often if the solution is diluted or soiled.

TO SANITIZE:

Use 1 ounce in 4 gallons of water.

TO DISINFECT:

Use 3 ounces in 5 gallons of water. Disinfecting application kills Staphylococcus aureus and Salmonella choleraesuis.

DANGER

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. Harmful or fatal if swallowed. Avoid contamination of food.

FIRST AID: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash all contaminated clothing before reuse. If swallowed, drink milk, egg white, gelatin solution, or if these are not available, drink large quantities of water. Call the physician. Avoid breathing spray.

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Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

HOSPITALS: For floors, walls and other surfaces such as sink tops, garbage pails, telephones and restrooms, use 3 1/2 oz. product per 5 gallons of water. Material is effective against Pseudomonas aeruginosa PRD-10 at this level.

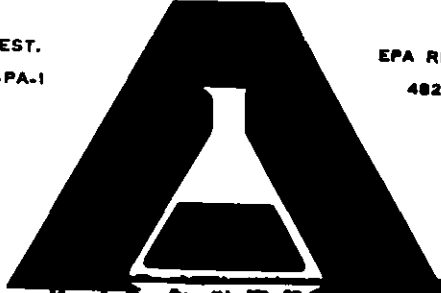
OTHER AREAS OF USE: To sanitize and disinfect floors, walls and inanimate hard surfaces in schools, locker rooms, classrooms, corridors, offices, and shower stalls apply with mop or cloth.

ABCO, INC

P.O. BOX J • IRWIN, PA 15642

BEST AVAILABLE COPY

EPA EST. 4828-PA-1 EPA REG. NO. 4828-81



QUATRENE

DISINFECTANT, SANITIZER AND ROOM FOGGER. PARTICULARLY EFFECTIVE AS ROOM FOGGER AS AN ADJUNCT TO MANUAL CLEANING AND DISINFECTING.

ACTIVE INGREDIENTS:

n-Alkyl (601 C14)	51
dimethyl benzyl	51
n-Alkyl (601 C12, 501 C14, 501 C16)	51
ethylbenzyl ammonium chlorides	51
INERT INGREDIENTS: 51	
100	

DANGER

KEEP OUT OF REACH OF CHILDREN

(See Antidote Statement and other Precautions on Back Panel)

Quatrene is a concentrate and should be diluted before use.

ONLY FOR SALE TO, USE, AND STORAGE BY SERVICE PERSONNEL.

Net Contents _____ Gals. 287

ACCEPTED
 AUG 22 1988
 EPA Reg. No. 4828-81

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