

13431 11741-16

NOV 16 1988

D.W. Davies & Company, Inc.  
3200 Phillips Avenue  
Racine, WI 53403

Attention: Jeff Kraschnewski

Gentlemen:

Subject: Dairy-Quat  
EPA Registration No. 11741-16  
Your Submission Dated December 2, 1987

The amendment referred to above, submitted in connection with the Label Improvement Program Notice for Antimicrobial Products Used as Food Contact Surface Sanitizers, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling.
  - a. Include the "Directions For Use" heading on the left panel, and delete the word "use."
  - b. Delete the words "General Classification."
  - c. Delete the sentence "No Potable Rinse is Required" in the sanitization claim.
  - d. Delete the word "milk" from the Statement of Practical Treatment section.
  - e. Delete from the pesticide and container disposal instructions "or buried" and "or bury in a safe place."
  - f. Revise the referral statement to read:

See side panel for additional precautionary statements.

50224:I:DeLaney:LI-8:ELNCO:11/4/88, 12/20/88:rw:vo:ph:rw

CONCURRENCES

SYMBOL	SURNAME	DATE						
								10/3

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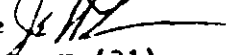
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with section 6(e) of the Federal Insecticide, Fungicide, and Rodenticide Act. Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

If you have any questions concerning this letter, Please contact Martha DeLaney at (703) 557-6982.

Sincerely yours,

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

Enclosure

20/3

## USE

### GENERAL CLASSIFICATION:

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

#### DAIRIES

To sanitize dairy equipment such as tanks, lines, rails, and milk cans, first clean and rinse the equipment thoroughly. Then apply sanitizing solution containing 1 ounce of "DAIRY-QUAT" to 4 gallons of water (200 ppm). At this level, NO POTABLE WATER RINSE IS REQUIRED. Follow recommendations of local health board.

#### FOOD PROCESSING EQUIPMENT

For sanitization of previously cleaned food processing equipment and food utensils, dilute 1 ounce "DAIRY-QUAT" per 4 gallons of water to provide 200 ppm of active quaternaries. At this level, NO POTABLE RINSE IS REQUIRED. When used as recommended, "DAIRY-QUAT" is effective as a sanitizer against Staphylococcus Aureus and Escherichia Coli.

For sanitizing and disinfecting floors, walls, and inanimate hard surfaces, for locker rooms, garbage pails, sink tops, sanitize with 1 ounce of "DAIRY-QUAT" to 4 gallons of water, and apply solution with mop or cloth. Disinfect with 3 ounces per 5 gallons of water. "DAIRY-QUAT" exhibits effective disinfectant activity against the organisms, Staphylococcus Aureus and Salmonella Choleraesuis and Pseudomonas aeruginosa.

Efficacy tests have demonstrated that "DAIRY-QUAT" is an effective bactericide and virucide in the presence of organic soil (blood serum).

Net Contents

U.S. Gallons

**MOLD AND MILDEWSTAT** - "DAIRY-QUAT" prevents and controls mold and mildew and the odors they cause on hard, non-porous inanimate surfaces. To control mold and mildew on pre-cleaned, hard, non-porous surfaces, add three ounces "DAIRY-QUAT" per gallon of water and apply with a cloth, mop, or sponge, making sure to wet all surfaces completely. Let air dry. Repeat application weekly or when mildew growth reappears.

**DISINFECTION** - To disinfect previously cleaned hard inanimate surfaces, apply "DAIRY-QUAT" solution of three ounces per five gallons of water with mop, cloth, sponge, or with spray, so as to wet thoroughly. Allow to remain wet for ten minutes and air dry.

**SANITIZATION** - To sanitize previously cleaned and rinsed non-porous, food contact surfaces, dilute one ounce "DAIRY-QUAT" in four gallons of water. To sanitize immobile items, flood the surface with the solution for at least sixty seconds, making sure to wet all surfaces completely, and allow to air dry. Prepare solution fresh daily, or more frequently as soil is apparent. To sanitize mobile items, immerse completely in "DAIRY-QUAT" solution for sixty seconds, remove and air dry. Prepare a fresh solution daily, or more often as soil is apparent.

**VIRUCIDAL ACTIVITY** - "DAIRY-QUAT" when used on environmental inanimate hard surfaces at 3 1/2 ounces per 5 gallons of water is effective against Influenza A2 (representative of the flu virus), Herpes simplex (causative agent of blisters and mononucleosis), Adenovirus Type 2 (causative agent of upper respiratory infections), and Vaccinia Virus (representative of the pox virus group).

# DAVIES "DAIRY-QUAT"

DISINFECTANT, D

#### ACTIVE INGREDIENTS:

n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides 5%  
n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides 5%

#### INERT INGREDIENTS:

90%  
100%



D. W. DAVIES  
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PHOENIX, ARIZONA