

APR 11 1990

Briseman-Kennedy, Inc.
2140 Energy Park Drive
St. Paul, MN 55108

Attention: Stephen A. Hanson
Chemist

Product Name: BKG Quat 1
Registration Number 14505-3
Application Dated 12/19/89

The amendment referred to above, submitted in connection with registration under FIFEA, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- a. On the right panel, above "Special Instructions for Cleaning & Decontamination Against HIV-1 . . .", include the following statement to read:

"KILLS HIV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings 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)."

b. Under "Special Instructions . . ." include the following statement:

Contact Time: Leave surface wet for _____ time.

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

Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label 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 (N7505C)



BKG QUAT 1

Disinfectant-Cleaner-Sanitizer-Fungicide
Mildewstat-Virucide-Deodorizer
for Hospitals, Institutional and Industrial Use
Effective in hard water up to 400 ppm hardness
(calculated as CaCO₃) in the presence of
5% serum contamination

Active Ingredients	
Octyl decyl dimethyl ammonium chloride	3.255%
Dioctyl dimethyl ammonium chloride	1.302%
Didecyl dimethyl ammonium chloride	1.954%
Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₀ , 10%) dimethyl benzyl ammonium chloride	4.340%
Inert Ingredients	
	89.149%
	100.000%

KEEP OUT OF REACH OF CHILDREN
DANGER

Statement of Practical Treatment

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 contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

SEE LEFT PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

EPA Registration No. 14985-3
EPA Establishment No.
Net Contents

DISTRIBUTED BY:
BRENNAN-KENNEDY, INC.
3140 Energy Park Drive
St. Paul, Minnesota 5
612/646-7333

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. **BKG QUAT 1** has been formulated to aid in the reduction of cross-contamination in these areas.

BKG QUAT 1 is a one-step disinfectant-cleanser that is effective against a broad spectrum of bacteria, viruses (including HIV-1), fungi, and inhibits the growth of mold and mildew and their odors when used as directed.

BKG QUAT 1 is an effective one-step sanitizer-cleanser for use on food contact as well as non-food contact surfaces. When used as directed, **BKG QUAT 1** will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause mal odors.

Precautionary Statements

Hazards to Humans and Domestic

Animals

DANGER

Keep out of reach of children. Corrosive. Causes 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 or absorbed through skin. Avoid contamination of food.

Storage and Disposal

- Do not contaminate water, food, or feed by storage or disposal.
- Do not store on side.
- Avoid crossing or impacting of side walls.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture of waste 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.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or purchase 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.

Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

Directions for Use

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

BKG QUAT 1 is a proven "one-step" disinfectant-cleanser-sanitizer-fungicide-mildewstat-virucide which is effective in water up to 400 ppm hardness in the presence of 5% serum contamination.

Apply **BKG QUAT 1** to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks, tile, porcelain, and bedframes with a cloth, mop or mechanical spray device so as to thoroughly wet surfaces. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use solution becomes visibly dirty.

Disinfection - to disinfect hard, non-porous surfaces, add 1 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. The activity of **BKG QUAT 1** has been evaluated in the presence of 5% serum and 400 ppm hard water by the AOAC use dilution test and found to be effective against a broad spectrum of gram negative and gram positive organisms as represented by:

- Pseudomonas aeruginosa
- Staphylococcus aureus
- Salmonella choleraesuis
- Escherichia coli
- Streptococcus pyogenes
- Klebsiella pneumoniae
- Enterobacter aerogenes
- Salmonella schottmulleri
- Streptococcus faecalis
- Shigella dysenteriae
- Brevibacterium ammoniagenes
- Salmonella typhi
- Serratia marcescens
- Pseudomonas cepacia

***VIRUCIDAL PERFORMANCE - BKG QUAT 1**

All 1 oz. per gallon use-level **BKG QUAT 1** was evaluated in the presence of 5% serum and 400 ppm hard water for a contact time of 10 minutes at room temperature (20-25°C) against the following viruses found on inanimate hard non-porous environmental surfaces.

- HIV-1 (AIDS virus)
- Influenza A/Brazil
- Herpes Simplex Types 1 and 2
- Vaccine

"SPECIAL INST. DECONTAMINATION FACES/OBJECT FLUIDS." -

CLEANING PROCEDURE containing HIV surfaces and BKG QUAT 1 space for use is:

PERSONAL PROTECTIVE EQUIPMENT: wear gloves, masks and eye protection.

DISPOSAL OF INFECTED FLUIDS, cleaning solution be autoclaved or regulated per regulations.

Fungicidal Control: **BKG QUAT 1** cide against Trichophyton athlete's foot fungus such as locker room bath areas, exercise

Mold and Mildew: **BKG QUAT 1** growth of mold and mildew when applied as indicated in general on surface and re-

Sanitizing-Non-Ferrous: **BKG QUAT 1** sanitizer against bacteria, fungi, and spores. **BKG QUAT 1** remains wet for 60



IN CASE OF MEDICAL EMERGENCY
TOLL-FREE 1-800-228-8634