

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEC 2 1994

Lawrence P. Zack
 Multi-Clean
 A Subsidiary of Hako Minuteman, Inc.
 600 Cardigan Road
 Shoreview, MN 55126

Subject: B-Q 32 Pine Odor Disinfectant
 EPA Registration No. 5449-10
 Your Amendment Dated April 25, 1994

Dear Mr. Zack:

This is in response to your amended label containing minor revisions.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. A stamped copy is enclosed for your records. Five copies of the finished labeling must be submitted before the product is released for shipment bearing the amended labeling.

1. Replace the statement, "For Professional Use Only" with a statement such as, "For institutional/ commercial use only." (The term "Professional" is undefined in this type of statement.)

2. In the last sentence before the DIRECTIONS FOR USE heading, replace the phrase "Influenza virus and Type A Brazil" with, "Influenza virus Type A/Brazil".

If you have any questions about these comments, please call Wallace Powell at 703-305-6938.

Sincerely,



Ruth G. Douglas
 Product Manager 32
 Antimicrobial Program Branch
 Registration Division (7505C)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

Multi-Clean[®] B-Q 32 PINE ODOR DISINFECTANT

A quaternary cleaner, disinfectant and sanitizer
designed for hospital and institutional use.

ACTIVE INGREDIENTS:

Pine oil.....3.95%
Alkyl (C14, 58%; C16, 28%; C12, 14%) dimethyl
benzyl ammonium chloride.....1.97%
INERT INGREDIENTS.....94.08%
TOTAL INGREDIENTS.....100.00%

EPA Reg. No. 5449-10

EPA Est. No. 5449-MN-1

**KEEP OUT OF REACH OF CHILDREN
DANGER/PELIGRO:** See side

panel for precautionary statements.

For Professional Use Only

**1 Gallon
3.78 Liters**

PELIGRO: SI NO PUEDE LEER EN
SUPERVISOR SOBRE LAS INS
APROPIADAS ANTES DE TRABAJAR

B-Q 32 is a cleaner, disinfectant,
virucide* developed for use where how
the hazard of cross-infection by env
prime importance. This disinfectant
variety of gram-positive and gram-neg
excellent deodorant and is especially
that are bacterial in origin.

This disinfectant is effective at 6 oz.
aeruginosa PRD-10, Salmonella chol
Staphylococcus aureus ATCC 6538 w
Use Dilution Test Method for pre-
surfaces.

*This disinfectant is also an effective
Influenza virus and Type A Brazil c
surfaces.

DIRECTIONS FOR USE: It is a violati
product in a manner inconsistent with

1. Dilutions: For Cleaning: To clean a
prior to disinfection, use 3 to 12 ounce
water depending on soil level. For Dis
of B-Q 32 per gallon of water for one-s
on light to medium soil loads. For Heat
first - then disinfect with this product
Deodorizing: Pre-clean first - then u
gallon of water. For Mildew Con
disinfecting and repeat every 7 days.

2. Applications: Apply the use-solutio
cloth, squeegee or mechanical scrub
Prepare fresh use-solutions daily. Do
solutions when they become visib
thoroughly wet the surfaces to be tre
moist for at least 10 minutes to assure
This product may be used for cleaning
porous, inanimate environmental su
porcelain, linoleum, tile, smooth le
finished wood surfaces) on walls
furnishings.

**ACCEPTED
with COMMENTS
to EPA Letter Dated:**

DEC 2 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No.
5449-10

BEST AVAILABLE COPY

Multi-Clean®

A Subsidiary of Hako Minuteman, Inc.

600 CARDIGAN ROAD
SHOREVIEW, MN 55126
612-481-1900

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER/PELIGRO: Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or a face mask and rubber gloves when handling.

PRACTICAL TREATMENT (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. If swallowed, promptly drink a large quantity of water, and call a physician immediately. Avoid alcohol. Never give liquids by mouth to an unconscious person. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS: Toxic to fish. Do not discharge into lakes, streams, ponds, or public water unless in accordance with a NPDES Permit.

STORAGE AND DISPOSAL

Store only in tightly closed, original container in a secure area inaccessible to children. Do not contaminate water, food, or feed by storage or 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. Do not reuse empty container.

CONTAINER DISPOSAL: Plastic Container: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or by incineration, if allowed by state and local authorities. Metal Container: Triple rinse (or equivalent). Then offer for recycling, reconditioning, or dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

DEC 2 1994

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

5449-10

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