

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

1 of 3
Pm32

4170-52

JUL 26 1989

Kenco Corporation
1001 Grove Avenue
P.O. Box 3127
Toledo, OH 43647

Attention: Timothy J. Wright
Technical Director

BEST AVAILABLE COPY

Gentlemen:

Subject: New Hospital Type Full Disinfectant Toilet Bowl and Urinal
EPA Registration No. 4170-52
Your Amendment Application Dated May 11, 1989

This is in response to your request to amend the registration of the subject product to include a virucidal claim against HIV-1 (AIDS virus).

The submitted data meet the requirements to support effectiveness of the product as a virucide against HIV-1 (AIDS virus) on hard, nonporous surfaces in the presence of a moderate amount of organic soil (5% blood serum) when used at a 1:3 dilution for a contact time of 10 minutes at room temperature (20 to 25 °C).

The amendment referred to above is acceptable provided that you:

1. Make the following labeling revision before you release the product for shipment bearing the amended labeling:
 - Change "KILLS HUMAN IMMUNODEFICIENCY VIRUS TYPE 1 (HIV-1) (AIDS Virus) ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS" to read "KILLS HIV ON PRECLEANED 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/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)."

57221:I: Douglas:K-10:KENCO:7/20/89:8/01/89:CT:gj:vo:de:ka

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

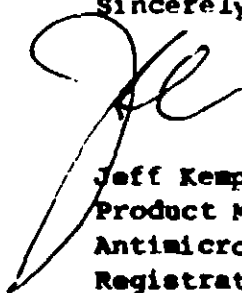
-2-

2. Submit five (5) copies of the final printed label.

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

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

Sincerely yours,



Jeff Kempter
Product Manager (32)
Antimicrobial Program Branch
Registration Division (H7505C)

Enclosure

DESCRIPTION

This disinfectant toilet bowl and urinal cleaner is designed for Hospital, General Industrial and Institutional use (schools, factories, nursing homes). Its broad spectrum activity cleans, descales, deodorizes and disinfects in one easy step.

PRECAUTIONARY STATEMENTS HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS **DANGER POISON**

CORROSIVE: Keep Out of Reach of Children. May be fatal or harmful if swallowed. Do not breathe vapors or fumes. Produces chemical burns. Do not get in eyes, on skin, or on clothing. Do not use on sinks, bathtubs, porcelain or any surface other than toilet bowls & urinals.

STORAGE AND DISPOSAL

Store in original container only. Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. 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.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician immediately. Drink a teaspoonful or more of milk or magnesium or cup of soapy water followed with milk or raw egg whites. **EYE CONTACT:** Wash with water for 15 minutes. Get prompt medical attention. **SKIN CONTACT:** Wipe off acid gently, flood surface with water using soap freely, then cover with moist magnesium or baking soda.

EPA EST. NO. 4170-OH-1
EPA REG. NO. 4170-52

ONE QUART

Manufactured By:
Betco Corp., Toledo, Ohio

Pull®

Hospital Type

Disinfectant Toilet Bowl & Urinal Cleaner
Cleans, Disinfects, Deodorizes, Descales
-With Organic Soil Tolerance

ACTIVE INGREDIENTS:

Octyl decyl dimethyl
ammonium chloride0.0150%
Dioctyl dimethyl
ammonium chloride0.0075%
Didecyl dimethyl
ammonium chloride0.0075%
Alkyl-(C₁₂ 50%; C₁₄ 40%;
C₁₆ 10%) dimethyl benzyl
ammonium chloride0.0200%
Hydrogen chloride23.0000%
INERT INGREDIENTS: 78.9500%
TOTAL 100.000%

**KEEP OUT OF REACH
OF CHILDREN**

DANGER POISON
**FOR INDUSTRIAL AND
INSTITUTIONAL USE ONLY
BY TRAINED PERSONNEL**
See side panel for additional
precautionary and practical
treatment statements.



DIRECTION

It is a violation of Federal Law
inconsistent with its labeling.
TO CLEAN AND DISINFECT
Remove water from bowl by lo-
mop. Saturate mop with
surfaces thoroughly. It is most
bowl of urinal to clean and
cleaner/disinfectant to remain
rust, scale and stains are loose
For heavily soiled areas a pr
At a dilution of one part of
this product has shown broad
organisms commonly found in
been evaluated in the presence
fective against the following o-
tion test:

**PSEUDOMONAS
STAPHYLOCOCCUS
SALMONELLA**

**KILLS HUMAN IMMUNODEFICIENCY
(AIDS VIRUS) ON PRECIPITATED
FACES/OBJECTS PREVIOUSLY
FLUIDS.**

**SPECIAL INSTRUCTIONS FOR
NATION AGAINST HIV-1 OF
WITH BLOOD/BODY FLUIDS.
PERSONAL PROTECTION: Wear
blood or body fluids use dis-
infectants, or eye coverings.
CLEANING PROCEDURES: Sur-
be thoroughly cleaned from a
cation of this product.
CONTACT TIME: Allow surface
DISPOSAL OF INFECTIOUS
body fluids should be autoclave
local regulations for infectious**

ACCEPTED
FOR TESTING
BY THE U.S. GOVERNMENT

JUL 26 1989

U.S. GOVERNMENT
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C. 20535

4170-52

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