

JUN 05 1989

Canberra Corporation  
3610 Holland-Sylvania Road  
Toledo, OH 43615

Attention: John Wiegand  
Director, Research and Development

Gentlemen:

Subject: Super Husky Toilet Bowl Cleaner  
EPA Registration No. 8155-3  
Your Application Dated February 15, 1989

This is in response to your request to amend the registration of the subject product to include a virucidal claim.

The submitted data (submitted in support of EPA Registration No. 8155-6) meet the requirements to support effectiveness of this product as a virucide against HIV-1 (AIDS virus) when used as an undiluted solution on hard, nonporous surfaces in the presence of a moderate amount of organic soil (5% blood serum) for a contact time of 10 minutes at room temperature (20 to 25 °C).

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling.
  - a. Immediately above the "SPECIAL INSTRUCTIONS FOR CLEANING . . ." heading, include the statement "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 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)."

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CONCURRENCES							
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- b. Under the "CLEANING PROCEDURES" heading, delete the statement "Follow steps 1 through 5 under TO CLEAN AND DISINFECT heading."
- c. Change "CONTACT TIME: See step 4 under TO CLEAN AND DISINFECT Heading" to read "CONTACT TIME: Leave surface wet for 10 minutes."

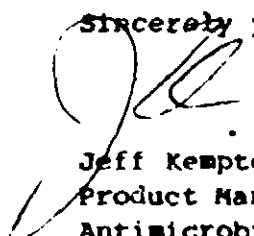
2. Submit the final printed labeling for inclusion in the product file.

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.

If you have any questions in this regard, please contact Ms. Ruth Douglas at (703) 557-3842.

Sincerely yours,



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

Enclosure

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUN 05 1989

Quickly eliminates rust, lime, and uric acid deposit. Eliminates offensive odors. Destroys many dangerous bacteria. Will not harm bacteria action of septic tanks.

#### DIRECTIONS

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

**TO CLEAN:** Pour 1 oz. of Bowl Cleaner on applicator. Clean entire unit, especially under rim at water outlets.

**DISINFECT:** 1. Remove excess water from bowl by forcing over trap with applicator. 2. Remove excess water from applicator by pressing it against side of bowl. 3. Pour 1 oz. of Toilet Bowl Cleaner on applicator. 4. Clean entire unit, especially under rim at water outlets. Allow to remain 10 minutes. 5. Flush and rinse out applicator. A preliminary cleaning is necessary for the removal of gross filth prior to disinfection.

Effective against HIV-1 (AIDS VIRUS): Product was evaluated and found to be an effective virucide in the presence of 1% serum against the virus HIV-1 (Human Immunodeficiency Virus 1, commonly referred to as "AIDS VIRUS") on inanimate surfaces.

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.**

**PERSONAL PROTECTION:** Disposable latex gloves, gowns, masks and splash resistant goggles must be worn when handling items soiled with blood or body fluids.

**CLEANING PROCEDURES:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this disinfectant. Follow steps 1 through 5 under **TO CLEAN AND DISINFECT** heading.

**CONTACT TIME:** See step 4 under **TO CLEAN AND DISINFECT** heading. *Leave surface wet for 10 minutes*

**DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

Recommended for use in commercial and industrial buildings, schools, manufacturing plants, hotels and motels. Do not use on sinks, bathtubs, or other porcelain enameled surfaces. Use of this Toilet Bowl Cleaner on other than vitreous ware is done at user's risk.

**PRECAUTIONARY STATEMENTS: HAZARD TO HUMANS AND DOMESTIC ANIMALS  
KEEP OUT OF REACH OF CHILDREN**

**DANGER: CORROSIVE:** produces chemical burns.

Contains hydrochloric acid. Do not get in eyes, on skin, or on clothing. May be fatal or harmful if swallowed. Do not breathe vapor or fumes. Use with adequate ventilation. Wear goggles or face shield and rubber gloves when handling.

**Practical Treatment:** If swallowed, do not induce vomiting. Call a physician immediately. Drink large quantities of milk or water, followed by several tablespoons of milk of magnesia or egg whites. Never give anything by mouth to an unconscious person. If in eyes, flush with large amounts of water and get prompt medical attention. If on skin, wash thoroughly with soap and large quantities of water, then cover with moist magnesia or baking soda.

**Chemical Hazard:** Do not use on any surface that can be damaged by acidic materials. Many surfaces are not resistant to acid. Do not mix with other chemicals.

**STORAGE AND DISPOSAL:** Store in an area inaccessible to children. **CONTAINER DISPOSAL:** Do not reuse empty container. Wrap empty containers in plastic bag and discard.

**INERT INGREDIENTS INCLUDE:** Detergents, Emulsifying and Wetting Agents, and Essential Oils.

EPA REG. NO. 8155-3

EPA EST 8155-OH-1

**FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.**

**KEEP FROM FREEZING.**

Manufactured By:  
Canberra Corporation  
3610 Holland-Sylvania Rd.  
Toledo, Ohio 43615

**SUPER**

**HUS**

**TOILET BOWL  
CLEANER**

**CLEANS DISINFECTS**

**ACTIVE INGREDIENTS**

Hydrogen chloride.....

n-Alkyl (C<sub>12</sub> 40%, C<sub>14</sub> 50%,

dimethyl benzyl ammoni

**INERT INGREDIENTS** (Deter

Wetting Agents, and Essential Oils)

**KEEP OUT OF REACH OF CHILDREN**

**DANGER: POISONOUS**

**SEE PRACTICAL TREATMENT AND**

**PRECAUTIONARY STATEMENTS ON**

**Net Contents: 32 Fl. Oz.**

**Net Contents: 128 Fl. Oz.**

Quickly eliminates rust, lime and uric acid deposits. Eliminates offensive odors. Destroys many dangerous bacteria. Will not harm bacteria action of septic tanks.

#### DIRECTIONS

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

**To clean:** Pour 1 oz. Bowl Cleaner on applicator. Clean entire unit, especially underneath at water outlets.

**To disinfect:** 1) Remove water from bowl by forcing over trap with applicator. 2) Remove excess water from applicator by pressing it against side of bowl. 3) Pour 1 oz. of Toilet Bowl Cleaner on applicator. 4) Clean entire unit, especially underneath at water outlets. Allow to remain 10 minutes. 5) Flush and rinse out applicator. A preliminary cleaning is necessary for the removal of gross soil prior to disinfection.

**EFFECTIVE AGAINST HIV-1 (AIDS VIRUS):** Product was evaluated and found to be an effective virucide in the presence of 5% peracetic acid. HIV-1 (AIDS Virus) is a Human Immunodeficiency Virus commonly referred to as "AIDS VIRUS", on human materials.

**KILLS HIV-1** on prepared environmental surfaces. Objects previously soiled with blood/body fluids in health care settings (hospitals, nursing homes, or other settings in which there is unexpected or unwanted soiling of non-pore surfaces) soiled with blood or body fluids and in which surfaces are likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus (HIV-1) as well as associated with AIDS.

**SPECIAL INSTRUCTIONS** for cleaning and decontamination against HIV-1 of surfaces soiled with blood/body fluids.

**PERSONAL PROTECTION:** Disposable latex gloves, gowns, masks and splash resistant goggles must be worn when handling items soiled with blood or body fluids.

**CLEANING PROCEDURES:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this disinfectant.

**CONTACT TIME:** Leave surface wet for 10 minutes.

**DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids should be appropriately decontaminated and disposed of according to local regulations for infectious waste disposal.

Recommended for use in commercial and industrial buildings, hospitals, manufacturing plants, hotels and motels.

**Manufactured By:**  
**CANBERRA CORPORATION**  
3610 Holland-Sylvania Rd.  
Toledo, Ohio 43615

Do not use on sinks, bath tubs, or other porcelain enameled surfaces. Use of this Toilet Bowl Cleaner on other than vitreous ware is done at user's risk.

**Precautionary Statements:** Hazard to Humans and Domestic Animals.

**KEEP OUT OF REACH OF CHILDREN.**

**DANGER: CORROSIVE**

**PRODUCES CHEMICAL BURNS.**

Contains hydrochloric acid CAS # (7647-01-0). Do not get in eyes, on skin, or on clothing. May be fatal or harmful if swallowed. Do not breathe vapor or fumes. Use with adequate ventilation. Wear goggles or face shield and rubber gloves when handling.

**Practical Treatment:** If swallowed, do not induce vomiting. Call a physician immediately. Drink large quantities of milk or water, followed by several tablespoons of milk of magnesia or egg whites. Never give anything by mouth to an unconscious person. If in eyes, flush with large amounts of water and get prompt medical attention. If on skin, wash thoroughly with soap and large quantities of water, then cover with moist magnesia or baking soda.

**Chemical Hazard:** Do not use on any surface that can be damaged by acid materials. Many surfaces are not resistant to acid. Do not mix with other type bleaches or other chemicals.

**Storage and Disposal:** Store in an area inaccessible to children. Container Disposal: Do not reuse empty container. Wrap empty containers in plastic bag and discard.

**NEUTRAL INGREDIENTS INCLUDE:** Detergents, Emulsifying and Wetting Agents, and Essential Oils.

EPA REG. NO. 8155-3

EPA EST. 8155-0H-1

FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY

**SUPER**

# HUSH

## TOILET BOWL CLEANER

**HOSPITAL**

**CLEANS**

**DISINFECTS**

**DEO**

**ACTIVE INGREDIENTS**

Hydrogen chloride

n-Alkyl (C<sub>12</sub>, 40%, C<sub>14</sub>, 50%, C<sub>16</sub>, 10%)

dimethyl benzyl ammonium chlorides

**INERT INGREDIENTS** (Detergents, Emulsifying and Wetting Agents, and Essential Oils)

TOT

**KEEP OUT OF REACH OF CHILD**

**DANGER: POISON**

SEE PRACTICAL TREATMENT AND ADDITIONAL PRECAUTIONARY STATEMENTS ON REVERSE

**Net Contents: 32 Fl. Oz. (1 U.S. Qt)**  
**Net Contents: 128 Fl. Oz. (1 U.S. Gal.)**

**BEST AVAILABLE COPY**