

8155-18

4-3-2000

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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

APR 3 - 2000

ATTENTION: John Wiegand

SUBJECT: No. 800 Husky Germicidal Cleaner  
EPA Registration Number: 8155-18  
Your Amendment Dated: February 9, 2000  
EPA Received Date: February 17, 2000

The amendment referred to above, submitted in connection with registration under FIFRA as amended, 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 second page in the section which describes how to use the product to control mildew revise to state "Will effectively control the growth of mold and mildew plus the odors caused by them when used on *hard* non-porous surfaces."

B. On the second page in the directions for use as an anti-bacterial implement soak revise "porcelain" to state "*glazed* porcelain".

C. On the third page in the directions for use (hospital, institutional) section delete the site "porcelain" since this section already includes "glazed porcelain surfaces".

D. On the third page in the directions for use (hospital, institutional) section revise the heading "Application" to read "*To disinfect, clean and deodorize, apply as follows*" so that this section will agree with the directions for household use.

E. On the fourth page in the Storage and Disposal section for the institutional label revise the heading "Storage" to read "*Pesticide Storage*".

CONCURRENCES							
SYMBOL	7510C						
SURNAME	J. J. J.						
DATE	3/29/00						

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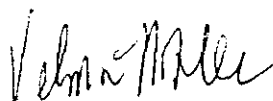
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

F. You have identified the site "manufacturing plants" on your label. If it is your intention to market this product for use in food processing plants then you must submit an amendment to include specific use directions for food processing plants. You must list specific non-food contact sites and surfaces for disinfection. You will also need to add the disclaimer statement: "Do not use on food contact/processing surfaces." or state "Before using this product, food products and packaging materials must be removed from the room or carefully protected. After use all surfaces must be thoroughly rinsed with potable water."

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

A stamped copy of the labeling is enclosed for your records. Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510C)

7510C:T.Lantz:3/29/00:8155-18

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

EPA Form 1320-1A (1/90) Printed on Recycled Paper OFFICIAL FILE COPY

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**No. 800**

**HUSKY**

**GERMICIDAL CLEANER**

Kills Salmonella choleraesuis(Salmonella) and Escherichia coli.  
Cuts through dirt and grease.

A concentrated, neutral, disinfectant-cleaner, fungicide, virucide\* and deodorizer with organic soil and hard water tolerance for hospital, institutional and industrial use.

**ONE STEP GERMICIDAL DETERGENT AND DEODORANT  
EFFECTIVE AGAINST THE FOLLOWING ORGANISMS:**

Pseudomonas aeruginosa	Pseudomonas aeruginosa(antibiotic resistant strain)
Staphylococcus aureus(Methicillin resistant)	Staphylococcus aureus
Salmonella choleraesuis	HIV-1(AIDS Virus)
Enterococcus faecalis(Vancomycin Resistant)	

Kills ·Bacteria  
·Fungus  
·HIV\*

\*See below for details and cautions

**ACTIVE INGREDIENTS:**

Didecyl dimethyl ammonium chlorides.....2.31%  
n-Alkyl(C14 50%, C12 40%, C16 10%) dimethyl benzyl ammonium chlorides.....1.54%

**INERT INGREDIENTS.....96.15%**  
**TOTAL...100.00%**

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

(See back panel for precautionary statements.)

EPA REG. NO. 8155-18 EPA EST. NO. 8155-OH-1

NET CONTENTS: 1 Fl. Oz.(29.5ml)

MANUFACTURED BY: CANBERRA CORPORATION  
TOLEDO, OHIO 43615

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

APR 3 2000

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 8155-18

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A concentrated germicidal, bactericidal mildewstat and deodorant effective in hard water up to 400 ppm (calculated as CaCO<sub>3</sub>) plus 5% organic serum.

**Bacteria:** Bactericidal at 1:64 dilution (2 ounces per gallon of water) against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella choleraesuis* according to the current AOAC Use-Dilution Test Method, modified in the presence of 400ppm synthetic hard water(calculated as CaCO<sub>3</sub>) plus 5% organic serum at 1:64 dilution. Virucidal against \*HIV-1(AIDS Virus), Influenza A/Hong Kong, Herpes Simplex Type 1, Herpes Simplex Type 2, Vaccinia, Rubella, Adenovirus Type 4, Canine distemper, Feline picornavirus, Feline leukemia, Rabies, Pseudorabies, Infectious bovine rhinotracheitis and Infectious bronchitis(Avian IBV) according to the virucidal qualification, modified in the presence of 400ppm hard water plus 5% organic serum at a 1:64 dilution.

**Disinfection:** Effective against the following pathogenic bacteria according to the AOAC Use-Dilution, current edition, modified in the presence of 400ppm synthetic hard water (calculated as CaCO<sub>3</sub>) plus 5% organic serum:

<i>Pseudomonas aeruginosa</i>	<i>Staphylococcus aureus</i>	<i>Salmonella choleraesuis</i>
<i>Bordetella bronchiseptica</i>	<i>Chlamydia psittaci</i>	<i>Escherichia coli</i>
<i>Escherichia coli</i> (Antibiotic Resistant)	<i>Enterobacter aerogenes</i>	<i>Enterobacter cloacae</i>
<i>Fusobacterium necrophorum</i>	<i>Klebsiella pneumoniae</i> (Antibiotic Resistant)	<i>Klebsiella pneumoniae</i>
<i>Pasteurella multocida</i>	<i>Pseudomonas aeruginosa</i> (Antibiotic Resistant)	<i>Proteus mirabilis</i>
<i>Proteus vulgaris</i>	<i>Salmonella typhi</i>	<i>Salmonella typhimurium</i>
<i>Serratia marcescens</i>	<i>Shigella flexneri</i>	<i>Shigella sonnei</i>
<i>Staphylococcus aureus</i> (Antibiotic Resistant)	<i>Staphylococcus epidermidis</i> (Antibiotic Resistant)	
<i>Enterococcus faecalis</i> (Antibiotic Resistant)	<i>Enterococcus faecalis</i>	<i>Streptococcus pyogenes</i>

**Fungus:** Effective against *Trichophyton mentagrophytes* and *Candida albicans* according to the AOAC fungicidal test modified in the presence of 400ppm hard water (calculated as CaCO<sub>3</sub>) plus 5% organic serum at a 1:64 dilution.

**Mildew:** Will effectively control the growth of mold and mildew plus the odors caused by them when used on non-porous surfaces. Soak (1 ounce per 2 quarts of water) for 10 minutes and let air dry. Repeat application weekly or when mildew growth reappears.

This product cuts through greasy soils and tough food stains to clean most kitchen surfaces. It also kills many household germs found in the kitchen, like *Escherichia coli*(*E. coli*), *Salmonella choleraesuis* (*Salmonella*), *Staphylococcus aureus* (*Staph*) and *Streptococcus pyogenes* (*Strep*) on hard non-porous surfaces such as floors, walls, metal or plastic surfaces, such as kitchen appliances. It also helps to control the hazards of cross-contamination of many germs on kitchen surfaces.

SINK                      STOVE                      GARBAGE CAN                      FLOOR

P   I   C   T   O   G   R   A   M   S

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

APR 3 2000

(For retail disinfectant-cleaner label)

**DIRECTIONS FOR USE:**

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

Recommended for household use to **clean, disinfect and deodorize** hard non-porous surfaces (such as tables, countertops, floors, walls, appliances, wastebaskets and sinks), use 2 ounces per gallon of water for a minimum contact time of 10 minutes for each application. The product can be applied with a mop, sponge, or cloth to wet all surfaces thoroughly. Prepare a fresh solution for each use, then discard. For food contact surfaces (countertops, tables, appliances, stoves) thoroughly rinse all wetted and cleaned surfaces with potable(tap) water. This product must not be used to clean/disinfect the following food contact surfaces: eating utensils, glassware, and dishes.

Rinsing of floors and walls is not necessary unless floors are to be waxed or polished. Pre-clean to remove heavy soil before disinfection. **General Directions for Anti-Bacterial Implement Soak:** For use on hard non-porous surfaces such as metal, stainless steel, porcelain and plastic. Clean surfaces of dirt and build-up. Use 1/4 ounce per 16 oz. of water and soak metal and non-porous hard surfaces for at least 10 minutes. Prepare a fresh solution for each use, then discard excess. Rinsing is not necessary. Disinfects, cleans and deodorizes in one step.

**Mildewstatic Instructions:** Will effectively control the growth of mold and mildew plus the odors caused by them when applied to hard non-porous surfaces such as floors and walls. Pre-clean to remove heavy soil before application. Apply solution(2 ounces per gallon of water) with a cloth, mop, sponge or coarse spray. Make sure to wet all surfaces completely for at least 10 minutes. Let air dry. Repeat application weekly or when growth reappears.

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 8155-18

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**(For hospital, institutional disinfectant label)**

A multi-purpose, neutral pH, germicidal detergent and deodorant effective in hard water up to 400 ppm (calculated as CaCO<sub>3</sub>) in the presence of a moderate amount of soil(5% organic serum) according to the AOAC Use-Dilution Tests. Effective against the following organisms:

<i>Pseudomonas aeruginosa</i>	<i>Staphylococcus aureus</i>	<i>Salmonella choleraesuis</i>
<i>Bordetella bronchiseptica</i>	<b><i>Staphylococcus aureus</i>(Methicillin Resistant)</b>	
<i>Enterobacter aerogenes</i>	<i>Staphylococcus epidermidis</i>	<i>Enterobacter cloacae</i>
<i>Escherichia coli</i>	<i>Klebsiella pneumoniae</i> (Antibiotic Resistant)	
<i>Escherichia coli</i> (Antibiotic Resistant)	<i>Pasteurella multocida</i>	<i>Proteus mirabilis</i>
<i>Chlamydia psittaci</i>	<i>Proteus vulgaris</i>	<i>Streptococcus faecalis</i>
<i>Shigella flexneri</i>	<i>Salmonella typhi</i>	<i>Streptococcus pyogenes</i>
<i>Shigella sonnei</i>	<i>Salmonella typhimurium</i>	<i>Serratia marcescens</i>
<b><i>Enterococcus faecalis</i>(Antibiotic Resistant)</b>	<i>Pseudomonas aeruginosa</i> (Antibiotic Resistant)	

***Enterococcus faecalis*(Vancomycin Resistant) (VRE)**

*Staphylococcus epidermidis*(Antibiotic Resistant)

*Adenovirus Type 4	*Canine distemper	*Feline leukemia
*Herpes Simplex Type 1	<b>*HIV-1(AIDS VIRUS)</b>	*Feline picornavirus
*Herpes Simplex Type 2	*Influenza A/Hong Kong	*Pseudorabies
*Rubella	*Vaccinia	*Rabies

\*Infectious bronchitis(AvianIBV)

*Candida albicans*

*Trichophyton metagrophytes*

in D.A. Letter Dated:

APR 3 2000

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 8155-18

**DIRECTIONS FOR USE:**

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

**General Use Instructions:** Recommended for use in hospitals, nursing homes, schools, colleges, restaurants, health clubs, manufacturing plants, office buildings, veterinary clinics, pet shops, kennels, hotels and motels. Disinfects, cleans and deodorizes hard, non-porous, inanimate environmental surfaces such as floors, walls, plastic surfaces, porcelain, glazed porcelain surfaces, bathrooms, shower stalls, bathtubs, kitchens, counters, sinks, appliances and cabinets. For veterinary clinics, pet shops and kennels, use to disinfect floors and walls. Animals must be removed from area being disinfected prior to application of product. **Application:** Remove heavy soil deposits from surface. Then thoroughly wet surface with a solution of 2 ounces of concentrate per gallon of water. Solution can be applied with cloth, mop, sponge or coarse spray or by soaking. Let solution remain on surface for a minimum of 10 minutes. For food contact surfaces (countertops, tables, appliances, stoves) thoroughly rinse all wetted and cleaned surfaces with potable(tap) water. This product must not be used to clean/disinfect the following food contact surfaces: eating utensils, glassware, and dishes. Rinsing of floors is not necessary unless they are to be waxed or polished. Prepare a fresh solution daily or more often if the solution becomes visibly dirty or diluted.

**Mildewstatic Instructions:** Will effectively control the growth of mold and mildew plus the odors caused by them when applied to hard non-porous surfaces such as floors and walls. Pre-clean to remove heavy soil before application. Apply solution(2 ounces per gallon of water) with a cloth, mop, sponge or coarse spray. Make sure to wet all surfaces completely for at least 10 minutes. Let air dry. Repeat application weekly or when growth reappears.

**\*KILLS HIV-1(AIDS VIRUS) ON PRECLEANED, 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/body fluids, and in which the surfaces/objects likely to be soiled with blood/body fluids can be associated with the potential for transmission of Human immunodeficiency virus Type I (HIV-1)(associated with AIDS). **SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1(AIDS VIRUS) OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS:** **Personal Protection:** Disposable latex or vinyl gloves, gowns, face masks or eye coverings as appropriate must be worn during all cleaning of blood/body fluids and during decontamination procedures. **Cleaning Procedures:** Blood/body fluids must be thoroughly cleaned from surfaces/objects before application of disinfectant. **Contact Time:** HIV-1(AIDS virus) is inactivated after contact time of 4 minutes at 25°C(room temperature). Use a 10 minute contact time for other viruses, fungi and bacteria listed. **Disposal of Infectious Materials:** Blood/body fluids should be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

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

**CAUTION:** Causes moderate eye and skin irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**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.

*(For retail label)*

**Storage and Disposal:** Store in original container in an area inaccessible to small children. Keep container closed. Do not reuse empty container. Rinse thoroughly with water before discarding in trash.

*(For institutional label)*

**Storage and Disposal:**

Do not contaminate water, food or feed by storage and disposal.

Storage: Keep product under locked storage, inaccessible to children.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Container Disposal: Do not reuse empty container. Rinse thoroughly. Securely wrap in several layers of newspaper and discard empty container in trash.

*For containers larger than one gallon.*

Container Disposal: Triple rinse(or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or if allowed by state and local authorities, burn. If burned, stay out of smoke.

*For containers five gallons and larger.*

**Environmental Hazard**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

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