

FEB 09 1993

Canberra Corporation
3610 Holland - Sylvania Road
Toledo, OH 43615

Attn: john wiegand

Subject: Husky *H/W/T Germicidal Cleaner
EPA Registration No. 8155-16
Submission dated September 15, 1992

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, 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. Under the use directions for mushroom farm sanitation, Revise the statement "DO NOT APPLY TO MUSHROOM CROP, COMPOST OR CASING" to read "DO NOT APPLY TO MUSHROOM CROP, COMPOST, CASING AND TRAY/BED".

b. Under the use directions for mushroom farm sanitation, identify the type of surfaces intended for treatment.


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

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

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

If you have any questions concerning this letter, please contact Martha DeLaney at (703) 305-6982.

Sincerely,

John H. Lee 
Product Manager 31
Antimicrobial Program Branch
Registration Division (H-7505C)

Enclosure

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

PM21 8155-16

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. Product has been formulated to aid in the reduction of cross-contaminability in these areas. Product is a one-step disinfectant-cleanser that is effective against a broad spectrum of bacteria, is virucidal, fungicidal, and inhibits the growth of mold and mildew and their odors when used as directed. Product is an effective one-step sanitizer-cleanser for use on non-food contact surfaces.

When used as directed, product will breakdown soilfalls in hotel areas behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause malodors.

PRECAUTIONARY STATEMENTS
HAZARD 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 CREASING OR IMPACTING OF SIDE WALLS.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture or residue 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 puncture 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. (If container is 1 gallon or less, use this container disposal statement.) 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.

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

Apply product to walls, floors, and other hard (nonmetal) 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 0.5 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. The activity of this product 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 scholtmuelleri*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Brevibacterium atrocinogens*, *Serratia marcescens*, *Pseudomonas cepacia*.

Fungicidal Performance - Product is an effective fungicide against *Trichophyton mentagrophytes* (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities at 0.5 oz. per gallon.

Mold and Mildew Control - At 0.5 oz. per gallon, product will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces (as indicated in general instructions above). Allow to dry on surface and repeat when mildew growth returns.

Sanitizing Non-Food Contact Surfaces (such as floors, walls, tables, etc.) - At 0.5 oz. per 5.5 gallon use-level, product is an effective sanitizer against *Staphylococcus aureus* and *Klebsiella pneumoniae* on porous and non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds.

Virucidal Performance - At 0.5 oz. per gallon use-level, this product 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), Herpes Simplex Type 1 and Type 2, Influenza A/Brazil, and Vaccinia.

BILLS HIT 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 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).

SPECIAL INSTRUCTIONS for cleaning and decontamination against HIV on surfaces/objects soiled with blood/body fluids.

PERSONAL PROTECTION: Specific barrier protection items to be used when handling items soiled with blood or body fluids are disposable latex gloves, gowns, masks or eye coverings.

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

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

CONTACT TIME: Leave surface wet for 10 minutes. This contact time will not control other types of viruses and bacteria.

EPA REG. NO. 8155-16 EPA EST. 8155-0H-1
FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY
KEEP FROM FREEZING

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

801

HUSI

*H/W/T GERMIC CLEANER

Disinfectant / Cleaner / Sanitizer / Fungicide
Virucide* / Deodorizer for Hospitals, Institutions
Effective in hard water up to 400 ppm hardness (in the presence of 5% serum contain

ACTIVE INGREDIENTS

Octyl decyl dimethyl ammonium chloride ... 6.510%
Dioctyl dimethyl ammonium chloride 3.255%
Didecyl dimethyl ammonium chloride 3.255%
Alkyl (C₁₁, 50%, C₁₂, 40%, C₁₃, 10%)
dimethyl benzyl ammonium chloride 8.680%

INERT INGREDIENTS 78.300%
TOTAL 100.000%

Keep Out

Statement

In case of contact, immerse in water for at least 15 minutes. If contaminated clothing, remove and wash with a quantity of milk, egg or drink large quantities of water. NOTE TO PHYSICIAN: Use of gastric lavage.

See left panel for additional precautionary

Net Contents: 32 Fl. Oz. (1 U.S. Q

Net Contents: 128 Fl. Oz. (1 U.S. Gal

ACCEPTED
with COMMENTS
by EPA Letter Dated

FEB 09 1993

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

8155-16

BEST AVAILABLE COPY

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

DO NOT APPLY TO MUSHROOM CROP, COMPOST OR CASING.

Precleaning Step: Prior to cleaning and disinfection, it is necessary to remove all gross soils and debris from the surface to be treated. Reduction of efficacy may result in the presence of heavy organic soil.

Cleaning and Disinfection: For general cleaning and disinfection of hard inanimate surfaces, dilute one-half ounce of product to a gallon of water. Spray, mop or wipe on, wetting surfaces thoroughly. Treated surfaces must remain wet for ten minutes. Prepare a fresh solution daily or as solution becomes soiled. Rinse treated surfaces with potable water.

Efficacy Performance: All tests performed in the presence of 400ppm(CaCO3) hard water and organic soil(5% blood serum) at ½ oz. per gallon.

Germicidal: Effective against the following bacteria detrimental to mushroom crops:

<i>Pseudomonas fluorescens</i> (Biotype G)	(Blotch Disease)
<i>Pseudomonas aeruginosa</i>	(Mummy Disease)

Fungicidal: Effective against the following fungi specific to the mushroom industry:

<i>Verticillium fungicola</i>	ATCC22227
<i>Mycogone perniciosa</i>	ATCC10934
<i>Trichoderma viride</i>	
<i>Dactylium dendroides</i>	

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