

303-209

2-20-2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, D.C. 20460

FEE 20 2003

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Brian C. Brosdahl
Manager, North American Registrations
Ecolab Inc.
370 N. Wabasha Street
St. Paul, MN 55102

Subject: Ascend
EPA Registration No. 303-209
Amendment dated: November 18, 2002
EPA Received date: November 22, 2002

Dear Mr. Brian C. Brosdahl,

The following amendment submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable with the following conditions listed below:

Proposed Amendment

- Revise First Aid Statements per PR Notice 2001-1
- Addition of Environmental Hazards Statement to the label
- Revise organisms to a "list" format.
- Addition of specific directions for Virucidal, Fungicidal, and Mildewcidal directions
- Revise the "Storage and Disposal section to account for container greater than 1 gallon

Conditions

1. According to DIS/TSS 15 all products must identify the types of surfaces, objects or items intended for treatment. Therefore on the second page of the proposed label add the following phrase to the Mildewstatic Directions :

Ascend will effectively controls the growth of mold and mildew plus the odors caused by then when applied to hard, non-porous surfaces on **walls , floors and table tops**:

2. Substitute the animal viruses from the public health viruses so consumers are clear as to what type of organisms may be mitigated. Group the animal virus organisms as follows:

Virucidal against:
(Animal viruses)

Canine distemper
Feline Leukemia

CONCURRENCES

SYMBOL	151010	Feline picomavirus					
SURNAME	ALST	Infectious bovine rhinotracheitis					
DATE	11/18/02						

General Comments

A stamped label is enclosed for your records. Please submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling. If the above comments are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6 (e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

Sincerely,



Velma Noble
Product Manager (31)
Regulatory Management Branch1
Antimicrobial Divisions (7510c)

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Ascend

ACCEPTED
with COMMENTS
in EPA Letter Dated:

GERMICIDAL DETERGENT
Disinfectant/Deodorizer/Fungicide
Virucide*/Detergent

FEB 20 2003

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 303-209

Active Ingredients:

Didecyl Dimethyl Ammonium Chloride	9.22%
n-Alkyl (C14 50%, C12 40%, C16 10%)	
Dimethyl Benzyl Ammonium Chloride	6.14%
Inert Ingredients	84.64%
Total	100.0%

KEEP OUT OF REACH OF CHILDREN DANGER

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: CORROSIVE: Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Harmful if absorbed through skin. Harmful if swallowed. Wear protective clothing, chemical goggles, and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

FOR EMERGENCY MEDICAL INFORMATION, CALL TOLL-FREE 1-800-328-0026

Have the product container or label with when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and 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.

Ascend is a multi-purpose germicidal detergent and deodorant effective when diluted 1:256 in up to 400 ppm hard water. (calculated as CaCO3) plus 5% organic serum according to the AOAC Use-dilution and virucidal qualification tests. Disinfects, cleans, and deodorizes in on labor saving step. Recommended for use in hospitals, nursing homes, schools and colleges, veterinary clinics, animal life science laboratories, federally inspected meat and poultry establishments and breeding establishments. Effective against the following pathogens on hard, non-porous, inanimate surfaces when diluted 1:256 (1/2 ounce to 1 gallon):

Bactericidal against:

- Pseudomonas aeruginosa* ✓
- Staphylococcus aureus* ✓
- Salmonella choleraesuis* ✓
- Acinetobacter calcoaceticus* ✓
- Bordetella bronchiseptica* ✓
- Chlamydia psittaci* ✓
- Enterobacter aerogenes* ✓

- Listeria monocytogenes* (clinical isolate) ✓
- Pasteurella multocida* ✓
- Serratia marcescens* ✓
- Proteus mirabilis* ✓
- Proteus vulgaris* ✓
- Salmonella enteritidis* ✓
- Salmonella typhi* ✓

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Ascend Label

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- Enterobacter cloacae* ✓
- Escherichia coli* ✓
- Shigella flexneri* ✓
- Fusobacterium necrophorum* ✓
- Klebsiella pneumoniae* ✓
- Legionella pneumophila* ✓
- Enterococcus faecalis* (vancomycin resistant) ✓

- Salmonella typhimurium* ✓
- Shigella flexneri* ✓
- Shigella sonnei* ✓
- Staphylococcus epidermidis* ✓
- Streptococcus faecalis* ✓
- Streptococcus pyogenes* ✓
- Staphylococcus aureus* (methicillin resistant) ✓

Virucidal against:

- *Adenovirus type 4 ✓
- *Canine distemper ✓
- *Feline leukemia ✓
- *Feline picornavirus ✓
- *Herpes simplex type 1 ✓
- *Herpes simplex 2 ✓
- *HIV-1 (AIDS virus), ✓
- *Infectious bovine rhinotracheitis ✓ [A]

- *Infectious bronchitis (Avian IBV) ✓
- *Influenza A/Hong Kong Pseudorabies ✓
- *Rabies ✓ [A]
- *Respiratory syncytial virus (RSV), ✓
- *Rubella (German Measels) ✓
- *Transmissible gastroenteritis virus (TGE) ✓
- *Vaccinia ✓

ACCEPTED with COMMENTS in EPA Letter Dated:

FEB 20 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 303-209

Fungicidal against:

- Trichophyton mentagrophytes* ✓

- Candida albicans* ✓

Mildewcidal against:

- Aspergillus niger* ✓
- Fungicidal vs Mildewcidal

DIRECTIONS FOR USE

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

Use directions for Disinfecting: For use floors, walls, metal surfaces, stainless steel, surfaces, glazed ceramic tile, glazed porcelain, and plastic surfaces (such as polypropylene, polystyrene, etc.) and other hard, nonporous environmental surfaces. **Not for use on food preparation surfaces, medical devices, or medical equipment surfaces.** Remove gross filth and heavy soil deposits. Using 1/2 ounce per gallon of water, thoroughly wet surfaces for a minimum contact time of 10 minutes. Can be applied with a cloth, mop, sponge, coarse spray device or by soaking. The recommended use solution is prepared fresh for each use then discarded. Remove solution and entrapped soil with clean wet mop, cloth or wet vacuum pickup, or allow to air dry. Rinsing is not necessary unless used on floors that are to be waxed or polished.

Virucidal Directions: Ascend kills referenced viruses in the presence of protein (5% organic serum) with a 10 minute contact time. Use 1/2 ounce per gallon of water, thoroughly wet surfaces for a minimum contact time of 10 minutes.

Fungicidal Directions: For use on shower room floors, locker room benches, bath mats, Ascend kills *Trichophyton mentagrophytes* (Athletes Foot Fungi) and *Candida albicans* (pathogenic yeast), in the presence of protein (5% organic serum) when tested according to A.O.A.C. Fungicidal Test. Use 1/2 ounce per gallon of water, thoroughly wet surfaces for a minimum contact time of 10 minutes.

Mildewcidal Directions: Ascend kills *Aspergillus niger*, which causes "Black Mildew", on contact on environmental surfaces. Use 1/2 ounce per gallon of water, thoroughly wet surfaces for a minimum contact time of 10 minutes.

Mildewstatic Directions: Ascend will effectively control the growth of mold and mildew plus the odors caused by them when applied to hard, non-porous surfaces. Apply solution (1/2 ounce per gallon of water) with a cloth, mop, sponge, or coarse spray. Make sure to wet all surfaces completely. Let air dry. Repeat application weekly or when growth reappears.
 on wall, floors and tops

***KILLS HIV (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 1 (HIV-1) (associated with AIDS).
SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (AIDS) VIRUS OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

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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 Procedure: Blood/body fluids must be thoroughly cleaned from surfaces and objects before application of disinfectant.

Contact time: HIV-1 (AIDS virus) is inactivated after a contact time of 4 minutes at 25° C (room temperature). Use a 10 minute contact time for other listed viruses, fungi, and bacteria.

Disposal of Infectious Materials: Blood/body fluids should be autoclaved and disposed of according to federal, state, and local regulations for infectious waste disposal.

Disinfection and Deodorizing of Animal Housing Facilities (Barns, Kennels, Cages, Hutches):

- 1) Remove all animals and feed from premise, vehicles, and enclosures.
- 2) Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals.
- 3) Empty all troughs, racks, and other feeding and watering appliances.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Saturate all surfaces with the recommended disinfecting solution for a period of 10 minutes.
- 6) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
- 7) Ventilate buildings, cars, boats, and other closed spaces. Do not house livestock or employ equipment until treatment has been air dried.
- 8) Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

USDA: For use in federally inspected meat and poultry plants on all hard, non-porous surfaces in inedible product processing areas, nonprocessing areas, and/or exterior areas.

STORAGE & DISPOSAL

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

PESTICIDE STORAGE: Store product in locked area inaccessible to children and persons unfamiliar with its proper use. Store in original container.

PESTICIDE 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.

CONTAINER DISPOSAL:

(1 gallon or less) - Do not reuse container. Wrap container and put in trash.

(greater than 1 gallon) - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Net Contents:	1 U.S. Gallon (3.78 L)
	2.5 U.S. Gallon (9.45 L)
	5 Gallon (18.9 L)

ACCEPTED
with COMMENTS
in EPA Letter Dated:

FEB 20 2003
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Fungicide, and Rodenticide Act as
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EPA Reg. No. 303-209

EPA Est.: 303-IN-1 (L), 1677-IL-2 (J), 1677-NJ-1 (W), 1677-TX-1 (D), 1677-GA-1 (M), 1677-MN-1 (P), 1677-CA-1 (S), 1677-PR-1 (B), 1677-OH-1 (H), 1677-CA-2 (R), 1677-WV-1 (V)

Superscript refers to the first letter of the date code

Huntington Professional Products
A Service of Ecolab Inc.
370 North Wabasha Street
St. Paul, MN 55102

