

303-226

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

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

JUN 12 2003

Brian C. Brosdahl  
Senior Manager, Regulatory Affairs  
Ecolabs Inc.  
370 Wabasha Street  
St. Paul, MN 55102

Subject: Tor II  
EPA Registration No. 303-226  
Amendment dated: March 12, 2003  
EPA Received date: March 17, 2003

Dear: 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 comments listed below:

**Proposed Amendment**

- Update the First Aid Statement per PR Notice 2001-1
- Update the precautionary test per current EPA standards

**Label Comments**

1. If you have additional graphics other than what was accepted on June 1, 2000, you must submit proposed graphics by notification amendment.
2. Revise the following First Aid Statement:

IF SWALLOWED: Call a poison center or doctor *immediately* for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor for further treatment advice.

**General Comments**

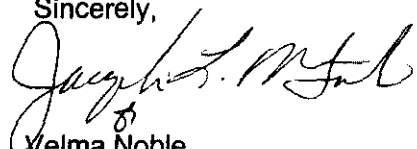
A stamped label is enclosed for your records. Please submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling. If the above comments are not complied with, the registration will be subject to cancellation in accordance with FIFRA section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

SYMBOL							
JRNAME							
DATE							

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If you have any questions regarding this letter, please contact Velma Noble at (703) 308-6233.

Sincerely,

A handwritten signature in cursive script, appearing to read "Velma Noble".

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

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**TOR II**  
**GERMICIDAL DETERGENT**  
Disinfectant/Deodorizer/Fungicide/Virucide\*/Detergent

**Active Ingredients:**

Didecyl Dimethyl Ammonium Chloride.....2.30%  
n-Alkyl (C14 50%, C12 40%, C16 10%)  
Dimethyl Benzyl Ammonium Chloride .....1.54%

**Inert Ingredients:**.....96.16%  
**Total:**.....100.00%

**ACCEPTED**  
with **COMMENTS** v  
in EPA Letter Dated:

JUN 12 2003

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

303-226

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Corrosive: Causes irreversible eye and skin burns. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses) and protective clothing when handling. 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: (only 5 gallons and greater)**

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 Pollution 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.

Tor II is a multi-purpose germicidal detergent and deodorant effective when diluted 1:64 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 one labor-saving step. Recommended for use in hospitals, nursing homes, schools, colleges, veterinary clinics, animal life science laboratories, federally inspected meat and poultry establishments and breeding establishments.

Effective against the following pathogens on hard, nonporous, inanimate surfaces when diluted 1:64 (2 oz. per 1 gallon):

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**Bactericidal** against: *Pseudomonas aeruginosa*<sup>1</sup>, *Staphylococcus aureus*<sup>1</sup>, *Salmonella choleraesuis*, *Acinetobacter calcoaceticus*, *Bordetella bronchiseptica*, *Chlamydia psittaci*, *Enterobacter aerogenes*, *Enterobacter cloacae*, *Escherichia coli*<sup>1</sup>, *Fusobacterium necrophorum*, *Klebsiella pneumoniae*<sup>1</sup>, *Legionella pneumophila*, *Listeria monocytogenes*, *Pasteurella multocida*, *Proteus mirabilis*, *Proteus vulgaris*, *Salmonella enteritidis*, *Salmonella typhi*, *Salmonella typhimurium*, *Serratia marcescens*, *Shigella flexneri*, *Shigella sonnei*, *Staphylococcus aureus* (methicillin resistant), *Staphylococcus epidermidis*<sup>2</sup>, *Streptococcus faecalis*<sup>1</sup>, *Streptococcus pyogenes*, *Enterococcus faecalis* (vancomycin resistant), *Staphylococcus aureus* (vancomycin resistant).

**Virucidal** against: \*Adenovirus type 4, \*Canine distemper, \*Feline leukemia, \*Feline picornavirus, \*Herpes simplex type 1, \*Herpes simplex type 2, \*HIV-1 (AIDS virus), \*Infectious bovine rhinotracheitis, \*Infectious bronchitis (Avian IBV), \*Influenza A/Hong Kong, \*Pseudorabies, \*Rabies, \*Respiratory syncytial virus (RSV), \*Rubella (German Measles), \*Transmissible gastroenteritis virus (TGE), \*Vaccinia.

**Fungicidal** against: *Aspergillus niger*, *Candida albicans*, *Trichophyton mentagrophytes*.

<sup>1</sup> ATCC & antibiotic-resistant strain.

<sup>2</sup> Antibiotic-resistant strain only.

**Dilution: 1 to 64 (2 oz. per gallon)**

#### **DIRECTIONS FOR USE:**

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

**Directions For Disinfecting:** For use on hard, nonporous environmental surfaces such as: floors, walls, metal surfaces, stainless steel surfaces, glazed ceramic tile, glazed porcelain and plastic surfaces (polypropylene, polystyrene). Not for use on food preparation surfaces, medical devices or medical equipment surfaces. Remove gross filth and heavy soil deposits. Using 2 ounces per gallon of water, thoroughly wet surfaces for a minimum contact time of 10 minutes. Can be applied with a cloth, mop, sponge, and 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.

#### **Disinfection Directions for use in Barns:**

Remove all animals and feed from premises, vehicles, and enclosures. 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. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate all surfaces with the recommended disinfecting solution for a period of 10 minutes. 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. Ventilate buildings, cars, boats, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set, or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

#### **Disinfection and Deodorizing of Animal Housing Facilities, Veterinary Clinics and Animal Life Science Laboratories (Kennels, Cages, and Hutches):**

Remove all animals and feed from premises. Remove all litter and manure from floors, walls, surfaces and fixtures occupied or traversed by animals. Empty all feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate all surfaces with the recommended disinfecting solution for a period of 10 minutes.

Immerse all types of equipment used in handling and restraining animals, and scrapers used for removing litter and manure. Ventilate buildings and allow surfaces to air dry before reintroducing animals. Thoroughly scrub all feeding and watering appliances with soap or detergent, and rinse with potable water before reuse.

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

**Mildewstatic Instructions:** Will effectively control the growth of mold and mildew plus the odors caused by them when applied to hard, nonporous surfaces such as walls, floors, and table tops. Apply solution (2 ounces 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.

**Fungicidal Instructions:** Will effectively control the growth of *Trichophyton mentagrophytes* on hard nonporous shower room floors and locker room benches at a dilution of 1:64 with a contact time of 10 minutes. Apply as directed for disinfecting.

**Cleaning and Deodorizing Instructions:** Apply solution at a dilution of 1:64 with a cloth, mop, and coarse spray device or by soaking. Remove solution with a clean wet mop, cloth or wet vacuum pickup or allow to air dry.

**\*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 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**

**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/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 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.

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**STORAGE AND DISPOSAL:** (For containers 1 gallon or less)

Store in tightly closed container in a secure area inaccessible to children and away from food or feed. Do not reuse empty container. Wrap container and discard in trash.

**STORAGE AND DISPOSAL:** (For containers greater than 1 gallon)

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

**Pesticide Storage:** Store in tightly closed container in a secure area inaccessible to children and away from food or feed.

**Pesticide Disposal:** Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**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 product information, call 1-800-332-6522**

**Net Contents:**

2 Liters

1 U.S. Gal. (3.78 L)

5 U.S. Gals. (18.9 L)

55 U.S. Gals. (207.9 L)

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

EPA Reg. No. 303-226

EPA Est.:

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

Superscript refers to first letter of date code