

1677-96

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2/13/2003



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

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

FEB 13 2003

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

Subject: Oasis 499  
EPA Registration No. 1677-96  
Amendment dated: November 14, 2002  
EPA Received date: November 19, 2002

Dear: Mr. Brian C. Brodahl,

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**

- Response to Agency letter dated June 27, 2002
- Revise label language that contained the phrase "such as"

**Label Comments**

1. According to DIS/TSS 15 all products must identify the types of surfaces, objects or items intended for treatment. Based on the last stamped label, "this product may be used on walls, floors, tables, chairs, counters, sinks, glazed tile, glazed porcelain, and other hard non-porous surfaces" This list of surfaces and items must be added back to the label.
2. On page 3, The 3 different "Storage and Disposal" headings are unnecessary. You must delete the first set which appears above the phrase, "Container 1 gallon or less."

**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 conditions 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 this condition.

**CONCURRENCES**

SYMBOL	7510(c)						
SURNAME	A. Deters						
DATE	2/13/03						

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# OASIS 499

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

Germicidal Non-Acid Cleaner Concentrate

FEB 13 2003

Disinfectant - Cleaner - Sanitizer - Fungicide - Mildewstat - Virucide\*

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No 1627-96  
Deodorizer

### Active Ingredients

Octyl decyl dimethyl ammonium chloride .....	6.510%
Dioctyl dimethyl ammonium chloride .....	3.255%
Didecyl dimethyl ammonium chloride.....	3.255%
Alkyl ( 50% C <sub>14</sub> , 40% C <sub>12</sub> , 10% C <sub>16</sub> ) dimethyl benzyl ammonium chloride.....	8.680%
<b>Inert Ingredients</b> .....	<u>78.300%</u>
<b>Total:</b> .....	100.000%

## KEEP OUT OF REACH OF CHILDREN DANGER

### PRECAUTIONARY STATEMENTS - HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, faceshield, or safety glasses), protective clothing 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 immediately 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 you 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 (5 gallon or 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 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.

### FOR HOSPITALS, INSTITUTIONAL AND INDUSTRIAL USE

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

When used as directed, this product will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause mal odors.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. This product is a proven "one-step" disinfectant-cleaner-sanitizer-fungicide-mildewstat-virucide-deodorizer which is effective in water up to 400 ppm hardness in the presence of 5% serum contamination.

Apply this product to hard (inanimate) non-porous surfaces with a cloth, mop or hand spray bottle 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/Cleaning/Deodorizing** – For heavily soiled areas, a preliminary cleaning is required. To disinfect hard, non-porous surfaces, add 0.5 oz. per gallon of water by thoroughly wetting the surfaces with a cloth, mop, sponge, or sprayer. Treated surfaces must remain wet for 10 minutes. Wipe with a dry cloth, sponge, or mop or allow to air dry. Rinse all surfaces that come in contact with food with potable water before reuse. Do not use on utensils, glassware, dishes, or cookware.

The activity of this product has been evaluated in the presence of 5% serum and 400 ppm hard water by the AOAC disc dilution test and found to be effective against a broad spectrum of gram negative and gram positive organisms as represented by:

- |  |                                    |
|--|------------------------------------|
| <i>Pseudomonas aeruginosa</i>                              | <i>Pseudomonas cepacia</i>         |
| <i>Staphylococcus aureus</i>                               | <i>Salmonella schottmuelleri</i>   |
| <i>Salmonella choleraesuis</i>                             | <i>Streptococcus faecalis</i>      |
| <i>Escherichia coli</i>                                    | <i>Shigella dysenteriae</i>        |
| <i>Streptococcus pyogenes</i>                              | <i>Brevibacterium ammoniagenes</i> |
| <i>Klebsiella pneumoniae</i>                               | <i>Salmonella typhi</i>            |
| <i>Enterobacter aerogenes</i>                              | <i>Serratia marcescens</i>         |
| <i>Staphylococcus aureus</i> HL121 (methicillin resistant) |                                    |

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
FEB 18 2003**

Under the Federal Insecticide, Fungicide, and Plant Nematocide Act, amended for the purpose of registering and controlling pesticides 1677-96

**Food Processing Industry:** Before use in food processing plants, all food products and packaging materials must be removed from the room or carefully protected.

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

**Mold and Mildew Control** - At 0.5 oz/gallon, this 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 direction for use). Allow to dry on surface and repeat when mildew growth returns.

**\*Virucidal Performance** - At 0.5 oz/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 deg C) against the following viruses found on hard non-porous environmental surfaces: HIV-1 (AIDS virus), Influenza A/Brazil, Herpes simplex type 1, Herpes simplex type 2 and Vaccinia.

**\*KILLS HIV 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 the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for the transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV OF 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 application of disinfectant.

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

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

**Sanitizing Non-Food Contact Surfaces** - At 0.5 oz/5.5 gallon use-level, this product is an effective sanitizer against *Staphylococcus aureus* and *Klebsiella pneumoniae* on hard, non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds.

**For service or additional information, call 1-800-35-CLEAN (352-5326)**

**STORAGE & DISPOSAL**

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

Containers 1 gallon or less:

**STORAGE & DISPOSAL**

Store in original container in areas inaccessible to children and persons unfamiliar with the product. Do not reuse container. Discard in the trash.

Containers greater than 1 gallon:

**STORAGE & DISPOSAL**

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

**Pesticide Storage:** Store in original container in areas inaccessible to children and persons unfamiliar with the product. Keep from freezing.

**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 Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**Container Disposal:**

(2.5, 5, 15, 55 gal.) 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.

(Reusable container statement) Container can be reused once the container is empty. Empty container of concentrate into dilution dispenser [specific equipment such as "Dynamix dispenser" can be named to replace "dilution dispenser"]. Dispenser will automatically dilute a sanitizer [or disinfectant] solution. Remove concentrate label. Refill container with use dilution of concentrate from the dispenser. Replace cap with spray nozzle provided. Place correct use dilution label on the spray bottle.

- Net Contents: 1 gallon (3.78 l)
- 2.5 gallons (9.45 l)
- 5 gallons (18.9 l)
- 15 gallons (56.8 l)
- 55 gallons (208.8 l)

EPA Reg. No. 1677-96  
EPA Est. 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-CA-2 (R), 1677-OH-1 (H), 1677-WV-1 (V), 1677-CA-1 (S)  
The superscript refers to the first letter of the date code.

Ecolab Inc.  
370 Wabasha Street N.  
St. Paul, MN 55102

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Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide  
registered under EPA Reg. No. 1677-96