

1677-217

10/24/2007

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United States
Environmental Protection
Agency

Office of Pesticide Programs

October 24, 2007

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

Subject: LD Base Concentrate
EPA Registration No. 1677-217
Application Date: August 10, 2007
Receipt Date: August 14, 2007

Dear Ms. Salverda:

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

- Change primary brand name from "Alcide Brand LD 10:1:1 -Base" to "LD Base Concentrate"
- Revised Confidential Statement of Formula
- Update the company name to Ecolab

Conditions

1. Revise the ingredient statement as follows:

ACTIVE INGREDIENT:	
Sodium Chlorite	3.03%
OTHER INGREDIENTS:	<u>96.97%</u>
TOTAL:	100.00%

2. Add "May be harmful if inhaled, avoid breathing vapor or mist" to the "Additional Precautionary Statement for Mixed Solution" text.
3. This product is used on **pre-cleaned** environmental surfaces. You must add pre-cleaning instructions prior to use of the solution. The only pre-cleaning instructions on the label are not adequate in that they make this process optional. **The surfaces must be pre-cleaned prior to use of this product.**

General Comments

A stamped copy of the labeling accepted with conditions is enclosed. Submit one copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

The primary brand name and company name changes are acceptable and will be noted in all future correspondence.

The revised basic Confidential Statement of Formula dated 8/10/7 is acceptable and supersedes all previous CSF's for this product.

Should you have any questions or comments concerning this letter, please call Wanda Henson at (703) 308-6345.

Sincerely,

Emily H. Mitchell
Product Manager - Team 32
Regulatory Management Branch II
Antimicrobials Division (7510P)

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LD BASE CONCENTRATE

10:1:1 DISINFECTANT
FOR USE WITH LD ACTIVATOR CONCENTRATE

ACCEPTED
with COMMENTS
EPA Letter Dated:

OCT 24 2007

ACTIVE INGREDIENT:
Sodium Chlorite.....3.03%
INERT INGREDIENTS:.....96.97%
TOTAL:.....100.00%

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 1677-217

LD Disinfectant solution kills bacteria, fungi and viruses* on environmental surfaces. LD Disinfectant solution is effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Salmonella choleraesuis* and *Mycobacterium tuberculosis* in organic soil in 3 minutes. Kills HIV-1 (AIDS virus) on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids in 30 seconds. SEE DIRECTIONS FOR USE.

*Kills Influenza Virus Type A2 (Hong Kong); Herpes Simplex Virus Types 1 and 2; Poliovirus Type 1; Coxsackievirus; Adenovirus Type 2; Echovirus Type 2; Vaccinia Virus and Vesicular Stomatitis Virus (VSV).

KEEP OUT OF REACH OF CHILDREN
CAUTION

This statement refers only to the unmixed LD Base Concentrate.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.

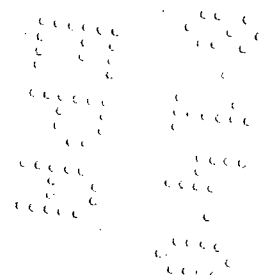
FIRST AID STATEMENTS

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 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.

FOR EMERGENCY MEDICAL INFORMATION, CALL TOLL-FREE: 1-800-328-0026.
OUTSIDE NORTH AMERICA, CALL: 1-651-222-5352 (IN THE USA).

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



ADDITIONAL PRECAUTIONARY STATEMENTS FOR MIXED SOLUTION

CAUTION: Use of mixed solutions in a confined or large volume area may lead to respiratory irritation. If irritation occurs, leave the area immediately and seek medical attention if irritation persists. Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.

ADDITIONAL FIRST AID STATEMENTS FOR MIXED SOLUTION

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

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.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

LD Disinfectant solution is recommended for use in schools, hospitals, medical, dental, industrial and institutional facilities to eliminate human health-related microorganisms on hard, non-porous environmental surfaces.

DIRECTIONS FOR USE

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

USE IN A WELL-VENTILATED AREA. AVOID BREATHING FUMES.

LD Base Concentrate must be diluted with water prior to adding LD Activator Concentrate. Improper preparation can result in excessive generation of chlorine dioxide fumes.

PREPARATION of LD DISINFECTANT SOLUTION:

1. Measure 1 part *LD Base Concentrate* into a clean, empty, non-metallic container.
2. Add 10 parts cool tap water (at or below 25°C).
3. Add 1 part *LD Activator Concentrate* and stir.

The final solution should appear colorless or pale yellow. Product performance is not affected by water hardness up to 400 ppm (calculated as CaCO₃). Variations in local water supply may result in a darker color and/or stronger odor. Deionized or distilled water may be substituted to minimize these effects.

Mixed solution needs to be used within 24 hours of mixing. Discard used solution after each use. Although efficacy at a 30 second contact time has been shown against HIV-1, this time would not be sufficient for other organisms. LD Disinfectant solution will inactivate bacteria, viruses*, pathogenic fungi and M. tuberculosis in 3 minutes at 20°C.

Moderate amounts of organic load, such as soil, will not lower the efficacy of LD Disinfectant solution. To ensure best results, surfaces should be rinsed free of heavy soil and gross debris. Hollow objects must be flushed and filled with the LD Disinfectant solution. User judgment and standard practice may require rinsing with sterile water prior to drying.

Soaking is the best method of application. However, LD Disinfectant solution may be sprayed or wiped on by any convenient means (mop, cloth, sponge, etc.) The surface should be thoroughly wet with solution. To minimize potential for oxidation or corrosion, a contact time of 3 minutes on metal surfaces or equipment should not be exceeded.

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATING SURFACES AND OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS POTENTIALLY CONTAINING HUMAN IMMUNODEFICIENCY VIRUS (AIDS VIRUS).

- Wear protective barriers such as disposable latex gloves, gowns, masks and eye coverings when handling items soiled with blood or body fluids.
- Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of the LD Disinfectant solution.
- Blood, other body fluids and contaminated cleaning materials should be autoclaved and disposed of according to local regulations for infectious waste disposal.

NOTE: LD Disinfectant solution may be safely used on most plastics, glazed ceramic and glass. Never soak items in metal vessels. Prolonged or repeated exposure will oxidize metals including aluminum and stainless steel. Do not use on copper, brass or bronze. Do not apply to surfaces with residues from bleach, strong acids or other chemicals without first rinsing surface thoroughly with water.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL

Store unmixed concentrate in a cool, dark, dry place in the original container. Always replace covers. Keep upright. Wash empty concentrate containers thoroughly with water and offer for recycling or discard in trash. Do not reuse containers. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Thoroughly rinse mixing container with water after use.

EPA Reg. No. 1677-217
EPA Est. 35347-CA-1

Net Contents:
1 U.S. Gal. (3.78 L)
5 U.S. Gals. (18.9 L)
55 U.S. Gals. (207.9 L)

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

