

45631-15

12-6-2001

1/4

Part 1  
Base Concentrate  
LD®  
10:1:1

**DISINFECTANT**

**FOR USE WITH LD® ACTIVATOR 10:1:1 CONCENTRATE**

LD Disinfectant kills bacteria, fungi and viruses\* on environmental surfaces. LD is effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Salmonella choleraesuls* and *Mycobacterium tuberculosis* in organic soil in 3 minutes. Kills HIV-1 and AIDS virus on pre-cleaned environmental surfaces/objects previously soiled with blood/bodily 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).

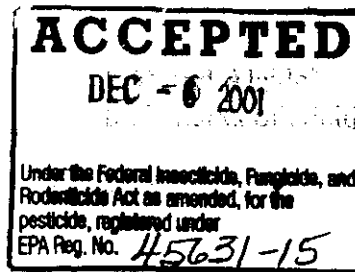
†Currently, there is no established test for hepatitis viruses.

Active Ingredients: Sodium Chlorite.....	3.03%
Inert Ingredients .....	<u>96.97%</u>
TOTAL.....	100.00%

Keep Out of Reach of Children  
CAUTION: See Side Panel For  
Additional Precautionary Statements  
Contents 1 gallon (3.785 Liters)

Not No.:  
Exp. Date:

**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: Remove 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.

Call a poison control center or doctor for treatment advice.

**ADDITIONAL PRECAUTIONARY STATEMENTS FOR MIXED PRODUCT  
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 of 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 PRODUCT**

**IF ON SKIN:** Remove 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.

**Foreign Patents Issued**

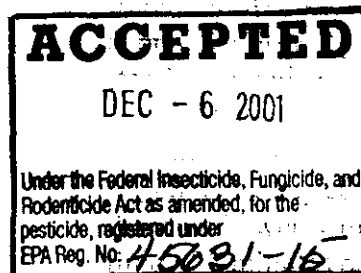
EPA Reg. No. 45631-15

EPA Est. No. 035-347-CA-001

**Manufactured For:**

Alcide<sup>®</sup> Corporation  
Redmond, Washington 98052

LD<sup>®</sup> and Alcide<sup>®</sup> are registered  
trademarks of Alcide<sup>®</sup> Corporation



**BASE CONCENTRATE**

Part No. 0209B

LD<sup>®</sup> 10:1:1  
disinfectant

LD<sup>®</sup> Disinfectant is recommend for use in schools, hospitals, medical, 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 the labeling.

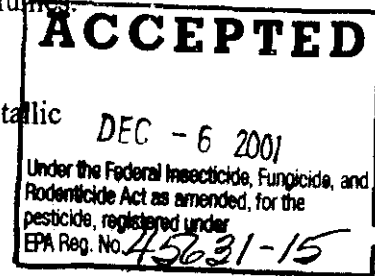
USE IN A WELL VENTILATED AREA. AVOID BREATHING FUMES

Base Concentrate must be diluted with water prior to adding Activator Concentrate (see "Preparation").

Improper preparation can result in excessive generation of chlorine dioxide fumes.

**PREPARATION:**

1. Measure 1 part LD Base Concentrate (Part 1) 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 (Part 2) 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 CaCO<sub>3</sub>), however, 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 to other organisms. LD 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 solutions. To ensure best results, surfaces should be rinsed free of heavy soil and gross debris. Hollow objects must be flushed and filled with disinfectant. User judgment and standard practice may require rinsing with sterile water prior to drying.

Soaking is the best method of application. However, the 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.
- 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 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

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

See Activator back panel for Warranty and Disclaimer information.

**ACCEPTED**  
DEC - 6 2001  
Under the Federal Insecticide, Fungicide, and  
Rodenticide Act as amended, for the  
pesticide, registered under  
EPA Reg. No. A57031-15