

# MASTER LABEL FOR LD 10:1:1 DISINFECTANT

## FRONT PANEL

Alcide® Brand

LD® 10:1:1

DISINFECTANT

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

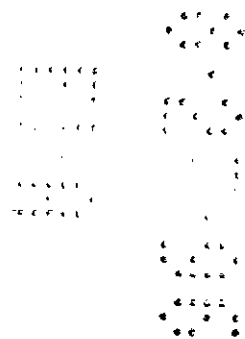
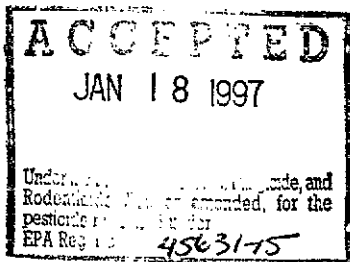
LD Disinfectant kills bacteria, fungi and viruses\*+ on environmental surfaces. LD is effective against Pseudomonas aeruginosa, Staphylococcus aureus, Salmonella choleraesuis and Mycobacterium tuberculosis in organic soil in 3 minutes. Kills HIV-1 (AIDS) Virus in 30 seconds. SEE DIRECTIONS FOR USE.

\*Kills Influenza Virus Type A2 (Hong Kong); Herpes Simplex Virus Types 1 and 2; Poliovirus Type 1; Cocksackievirus; 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: .....	96.97%
TOTAL: .....	100.00%

Keep Out of Reach of Children  
CAUTION: See Side Panel For  
Additional Precautionary Statements  
Contents 5 Gallons (18.925 Liters)



275

**SIDE PANEL**

Lot No.:  
Exp. Date:

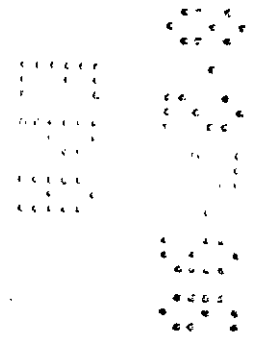
**CAUTION**  
Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing vapors. Avoid contact with eyes, skin or clothing.  
**STATEMENT OF PRACTICAL TREATMENT.** In case of contact immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

U.S. Patent No. Re. 31,779  
Other Patents Pending  
Foreign Patents

EPA Reg. No. 45631-15  
EPA Est. No. 035-347-CA-001

Manufactured For:  
**Alcide Corporation**  
Redmond, Washington 98052

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**BACK PANEL**

LD<sup>®</sup> Disinfectant is recommended 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.**

See enclosed Technical Bulletin for additional use information, large scale/fogging applications and HIV-1 decontamination instruction.

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.

Discard used solution after each day's 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 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 judgement 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.

**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 this product may be disposed of on site or at an approved waste disposal facility. Prepared LD solution should be stored in a cool, dark, dry place.

See Activator back panel for Warranty and Disclaimer information.

**[LABEL STATEMENTS FOR ALTERNATE II USE PATTERN AS AIR CONDITIONING DISINFECTANT]**

**FRONT PANEL**

FOR USE BY PROFESSIONALS IN DISINFECTING AIR CONDITIONING SYSTEMS

[LD® 10:1:1] DISINFECTANT is recommended for use by professionals for eliminating odor-causing microorganisms in air conditioning systems

**BACK PANEL**

**DIRECTIONS FOR USE [PART B LABEL]**

For use with [LD 10:1:1]Disinfectant Part A. Follow directions for mixing, use, storage and disposal on the [LD 10:1:1]Disinfectant Part A label. Use only according to label directions.

**DIRECTIONS FOR USE [PART A LABEL]**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. For use with [LD® 10:1:1]Disinfectant Part B.

To prepare for use, add total contents of [LD® 10:1:1]Disinfectant Part B to this container of [LD® 10:1:1] Disinfectant Part A. Replace cap and gently invert container once or twice to mix contents. To apply the mixture, refer to the appropriate service bulletin.

**STORAGE AND DISPOSAL**

Store in a cool, dry place in the original containers. Always replace covers. Keep upright. Wash empty containers thoroughly with water and discard in a safe place. Do not reuse empty containers. Do not contaminate water, food or feed by storage or disposal.

**[SEPARATE SHEET]**

**SERVICE/TECHNICAL BULLETIN FOR USE OF [LD 10:1:1]DISINFECTANT ON AUTOMOBILE AIR CONDITIONERS**

[LD® 10:1:1]AIR CONDITIONING SYSTEM DISINFECTANT PART B IS FOR USE WITH [LD 10:1:1] AIR CONDITIONING SYSTEM DISINFECTANT PART A.

[LD® 10:1:1]Air Conditioning System Disinfectant is recommended for use by professionals in disinfecting air conditioning systems.

**CAUTION:** Goggles and rubber gloves should be worn during application and handling of disinfectant solution. Avoid contact with eyes. Wash thoroughly with soap and water after handling. USE ONLY IN WELL VENTILATED AREAS. DO NOT INHALE FUMES.

- 1. Remove power module from evaporator case leaving wire connectors attached.

**CAUTION:** Power module heat sink may be hot.

2. Check evaporator drains for obstructions.
3. Open all vehicle windows and doors.
4. Start vehicle and set electronic climate control to ECON, 60°F temperature.
5. Insert nozzle of siphon-type parts cleaning spray gun, capable of delivering 4 oz. per minutes of liquid when driven with shop air at 80 -90 PSI, through the power module opening and insert the siphon hose into the container of mixed disinfectant. Direct spray toward evaporator face, taking extra care to ensure adequate coverage of the corners and edges around the foam rubber seal to completely saturate the entire core. Use the entire contents of disinfectant container.
6. Reach into the vehicle and turn off the ignition. Allow the core to soak for 5 minutes.
7. Reach into the vehicle and turn the ignition on. Rinse the evaporator core with 1 quart of clean water through the power module opening using the spray gun, taking care to rinse the entire core face thoroughly.
8. Reach into the vehicle and turn off the ignition. Reinstall the power module.

CAUTION: Power module heat sink may be hot.

9. Reach into vehicle and start the engine. Allow core to dry, with the engine running, for at least 10 minutes.

**NOTE:** Be certain that sprayer tank, hoses and nozzle are thoroughly clean and not contaminated with chemical residue from previous use.

