

PM 31

45745-4

4/20/98

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

1/2

Midlab, Inc.  
P.O. Box 720  
Sweetwater, TN 37874

APR 20 1998

ATTN: Roy Wilcox  
Chemist, Director of Regulatory Affairs

Subject: L-100 Lemon Odor-Disinfectant-Deodorant-Cleaner  
EPA Registration No. 45745-4  
Your Submission Dated December 15, 1997  
EPA Received Date of January 20, 1998

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, will be acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended label.

Revise the Ingredients Statement so that the active ingredient carbon chain lengths of 14, 16, and 12 are expressed as subscripts.

Please indicate the acute toxicity profile that you use to support the Precautionary Labeling for this product. The Agency has determined that there is not sufficient information in the product file to establish the appropriate precautionary language.

The revised updated Confidential Statement of Formula dated December 15, 1997 is in compliance with PR Notice 91-2, agrees with the label and is acceptable.

A stamped copy of the labeling is enclosed for your records. Submit one (1) copy of the final printed label prior to release of the product for shipment.

If you have any questions concerning this letter, please contact Julie Fairfax at (703) 308-9086.

Sincerely yours,

*15/*  
Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510W)

Enclosure		CONCURRENCES				
SYMBOL	7510W:J.Fairfax:45745-4:4/20/98					
SURNAME	<i>J. Fairfax</i>					
DATE	<i>7/5/01</i>					

HAZARD CODES:

NONE

ACCEPTED with COMMENTS in EPA Letter Dated:

Rack Types Completed (date):

Pk Type -

1 gal

1 qt

5 gal

50#

6#

8#

30/2#

APR 20 1988 Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 45745-4

This disinfectant is effective at 5 oz./gal. against Pseudomonas aeruginosa PRD-10, Salmonella Choleraesuis ATCC 10708, and Staphylococcus aureus ATCC 6533 when tested by the A.O.A.C. Use Dilution Test Method for pre-cleaned, hard non-porous environmental surfaces.

\*\*This disinfectant is also an effective virucide at 5 oz./gal. for influenza virus, Type A, Brazil on inanimate environmental surfaces.

This product may be used for cleaning and deodorizing, one-step cleaning and disinfection, or disinfection of pre-cleaned, non-porous, inanimate hard surfaces.

THIS DISINFECTANT reduces the surface tension of water, improving its wettability. Microbes are capable of mass reproduction in sub-visible pores, scratches and cracks of surfaces. The excellent wettability of THIS PRODUCT improves the penetration of the use solution into areas that otherwise might not be reached.

THIS DISINFECTANT is effective against a wide variety of gram-positive and gram-negative bacteria. It is also an excellent deodorant and is especially effective in controlling odors that are bacterial in origin. Has a pleasant lemon odor.

THIS DISINFECTANT mixes with water to form clear stable use solutions. Use solutions are non-corrosive and non-staining to plastic, vinyl, synthetics, enamel, tile and most common metals.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Do not get in eyes, on skin or on clothing. Harmful if swallowed. Avoid contamination of food. Avoid breathing spray mist.

USE DIRECTIONS

GENERAL CLASSIFICATION

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

APPLICATION INFORMATION

Select the proper dilution of THIS PRODUCT for your use from the directions below. Apply the use solution with a clean mop, sponge, cloth, squeegee, mechanical scrubber, or mechanical spraying device.

Prepare fresh use solutions daily. Do not reuse solutions. Discard solutions when they become visibly soiled. For disinfection, thoroughly wet the surfaces to be treated. Surfaces must remain moist for at least 10 minutes to assure proper germicidal action.

This product may be used for cleaning and disinfecting hard, non-porous, inanimate environmental surfaces (glass, metal, glazed porcelain, linoleum, tile, smooth leather, vinyl, enameled and finished wood surfaces) on walls, floors, appliances and furnishings.

CLEANING

To Clean and Deodorize or to Pre-clean Prior to Disinfection. Depending on the soil level of the area to be cleaned, use 12 oz. to 16 oz. of THIS PRODUCT per gallon of water.

DISINFECTING

Hospitals, Veterinary Clinics, Nursing Homes:

Use 10 oz. of THIS PRODUCT per 1 1/2 gallons of water (1 part to 18 parts water) for one-step cleaning and disinfection of areas with light to medium soil loads. For heavily soiled areas, pre-clean as described above and then disinfect with THIS PRODUCT at 5 oz. per gallon (1 part to 24 parts water).

INDUSTRIAL AREAS, BARBER SHOPS, RESTROOMS, RESTAURANTS, FOOD AND MEAT PROCESSING PLANTS (non-food processing areas), PUBLIC ROOMS, OTHER NON-MEDICAL USES: Pre-clean surfaces. Then, disinfect with a solution of 4 oz. of THIS PRODUCT per 1 1/3 gallons of water (1 part to 41 parts water). Alternatively, clean and disinfect in one operation using 10 oz. of THIS PRODUCT per 1 1/2 gallons of water (1 part to 18 parts water).

# L-100

## LEMON ODOR- DISINFECTANT- DEODORANT-CLEANER

**Kills Pseudomonas, Salmonella and Staphylococcus. \*\*Virucidal**

**ACTIVE INGREDIENTS:**  
Alkyl (C<sup>14</sup>, 58%; C<sup>16</sup>, 28%; C<sup>12</sup>, 14%)  
dimethyl benzyl ammonium chloride ..... 2.00%

**INERT INGREDIENTS ..... 98.00%**

**TOTAL INGREDIENTS ..... 100.00%**

**Keep Out of Reach of Children**

**CAUTION:**  
(See additional precautions on side panel)

**FOR INDUSTRIAL AND COMMERCIAL USE ONLY**

EPA Reg. No. 45745-4  
EPA Est. No. 45745-TN-1

FOR DEODORIZING GARBAGE CANS, GARBAGE AND GARBAGE HANDLING EQUIPMENT: It is effective when used properly. Then, apply a wetting concentration of 1 part to 24 parts water.

FOR MILDEW CONTROL: Follow directions for use on surfaces or when new growth appears.

THIS PRODUCT may be used through automatic dispensing systems. THIS PRODUCT must not be used on food contact surfaces.

This product is not to be used as a terminal sterilant. 1) is introduced directly into the human body, either through the mouth, or 2) contacts intact mucous membranes or otherwise enter normally sterile areas of the body.

decontaminate critical or semi-critical medical devices. PRACTICAL TREATMENT (FIRST AID): In case of eye contact, flush with water for at least 15 minutes. For eyes, call a physician.

If swallowed, drink promptly a large quantity of milk or water. If available, drink a large quantity of water. Avoid alcohol.

STORAGE

Do not contaminate water, food, or feed by storage. Pesticide wastes are acutely hazardous. Improper disposal is a violation of Federal law. If these wastes cannot be disposed of by other means, contact your State Pesticide or Environmental Control Agency, or the nearest EPA Regional Office for guidance.

V.O.C. CONTENTS

ENVIRONMENTAL HAZARDS: Do not discharge this product into lakes, streams, ponds, estuaries, oceans, or other bodies of water. In accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) Permit and the authority has been granted to discharge. Do not discharge effluent containing this product into streams, rivers, or other surface waters without previously notifying the local sewerage treatment plant. For guidance contact your state water board or regional office.

CONTAINER DISPOSAL

Store only in tightly closed, original container in a secure area inaccessible to children and away from food and feed. Do not reuse empty container.

Triple rinse empty container with water. Return metal containers to manufacturer and dispose of in a sanitary landfill or by other means approved by state and local authorities. Plastic containers: Do not reuse. Sanitary landfill, incinerated or, if allowed by local authorities, stay out of smoke.

MANUFACTURED BY:



INDUSTRIAL PARK ROAD, ...

NET CONTENTS: 1 U.S. Gallon (128 Fl. Oz.) 3.78 litres

for up to 1 gal container

CONTAINER DISPOSAL

Store only in tightly closed, original container in a secure area inaccessible to children and away from food and feed. Do not reuse empty container. Rinse thoroughly before discarding in trash.