

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

1043-91

17 JUN 1987

TERM OF ISSUANCE

NOTICE OF PESTICIDE:

REGISTRATION  
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

LPHAC

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Vestal Laboratories, Inc.  
A Subsidiary of Chemie Corporation  
5035 Manchester Avenue  
St. Louis, MO 63110

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use, if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/enclose all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 1043-91" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these 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 constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

*Ruth Douglas for*

Jeff Venter  
Product Manager (32)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosures

ATTACHMENT IS APPLICABLE

**BEST AVAILABLE COPY**

SIGNATURE OF APPROVING OFFICIAL

DATE

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

CENTER PANEL

JUN 17 1987

LPH<sup>®</sup> AC

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

1043-91

Germicide \* Fungicide \* Virucide\* \* Tuberculocide  
Deodorizer \* Cleaner \* Detergent

When diluted with soft or hard water (400ppm CaCO<sub>3</sub>) even in the  
presence of organic soil (5% blood serum)

EPA Reg. No. 1043-xx

FOR AGRICULTURAL, INDUSTRIAL AND INSTITUTIONAL USE ONLY

Active Ingredients:

o-phenylphenol . . . . .	7.3 %
p-tertiary amyphenol . . . . .	7.4 %
Inert Ingredients . . . . .	85.3 %

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DANGER: KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

In case of eye contact, flush with water for 15 minutes. Get prompt medical attention. For skin contact, flush with water immediately. See side panel for additional precautionary statements.

NET CONTENTS: 1 U.S. GALLON (3.78 Liters)

Vestal Laboratories, Inc.  
A Subsidiary of Chemed Corp.

**HAZARD TO HUMANS AND DOMESTIC ANIMALS:** Concentrate corrosive. Causes eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed.

**STATEMENT OF PRACTICAL TREATMENT:** In case of eye contact, immediately flush eyes with water for 15 minutes and get prompt medical attention. For skin contact, flush thoroughly with water. Remove and wash contaminated clothing before reuse. If swallowed, drink large quantities of milk, egg whites, gelatin solution, or water, avoid alcohol. Do not induce vomiting. Call physician immediately. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

#### DIRECTIONS FOR USE

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

**CLEANING AND DISINFECTING WASHABLE, HARD, NON-POROUS SURFACES:** To make solution, add 1/2 fl. oz. (15cc) to each premeasured gallon of water and gently mix until solution is uniform. **NOTE:** Always add this product (concentrate) to premeasured water. Apply solution with a cloth, sponge, mop or brush using normal cleaning methods. Then remove excess solution with a wrung-out applicator. Allow treated surfaces to soak for 10 minutes. As solution becomes dirty, discard and replace with a fresh one. Before cleaning begins, always sweep or dust mop area to be cleaned thoroughly, removing any gross filth. This is a complete product. Do not add other chemicals. If frozen, thaw and remix before use. Use only as directed.

**ANIMAL HUSBANDRY, ANIMAL RESEARCH, POULTRY HOUSE FACILITY CLEANING AND DISINFECTION:** Remove or cover all food, feedstuffs, packaging materials and livestock. Remove all litter, manure and other debris from floors and walls; scrape if necessary. Empty all troughs, racks, feed and water appliances. Saturate all surfaces with a 1:256 solution (1/2 ounce per gallon prepared as directed above). Scrub to loosen adhering soils. Allow to soak for 10 minutes, then pick up excess with a wrung-out applicator. Flush feeders and waterers with potable water after disinfecting. Drain all surfaces, ventilate buildings and allow to air-dry before use or rehousing animals.

**CLEANING AND DISINFECTING FOOD PREPARATION, PROCESSING FACILITIES AND EQUIPMENT:** Cover or remove all food and packaging materials. Remove all gross soils. Saturate all surfaces with the use-solution (1/2 ounce per gallon prepared as directed above). Scrub to loosen all soils. Allow to soak for 10 minutes, then pick up excess solution with a wrung-out applicator. Thoroughly rinse all wetted and cleaned food contact surfaces with potable water.

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#### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

**PESTICIDE DISPOSAL:** This germicide, its solutions or rinsings from empty containers, should be disposed of in a toilet or service sink served by a sanitary sewer, or in a landfill approved for pesticides.

**CONTAINER DISPOSAL:** Triple rinse and deposit in a waste container for incineration or in a landfill approved for pesticide containers.

**GENERAL:** Consult Federal, State or Local disposal authorities for approved alternative procedures such as limited open burning.

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RIGHT PANEL

This state-of-the-art non-alkaline phenolic germicidal detergent is a multi-purpose product. Scientifically developed to be both hard water and serum effective in a concentrated system, it produces a use-solution designed to clean, disinfect and deodorize in a simple one-step process. In addition, the non-alkaline formula removes soap scum and hard water scale which can harbor bacteria. Use this product on washable hard non-porous environmental surfaces such as floors, walls, counters, tools, carts, and other equipment in food processing preparation and service facilities, in animal husbandry, poultry and feed processing facilities, veterinary clinics, animal research facilities and in other indoor areas where anti-bacterial control measures are necessary.

Use for one-step cleaning, disinfecting and deodorizing of stainless or galvanized steel and chrome, porcelain, plastics, glass, tile, washable painted or varnished surfaces, concrete, as well as resilient vinyl, asphalt, linoleum, rubber, terrazzo and other combination type floors

**GERMICIDAL:** The 1:256 (1/2 ounce per gallon) solution passes the A.O.A.C. Germicidal Use-Dilution Test (*S. aureus*, *S. choleraesuis*, *Ps. aeruginosa*) when diluted with 400 ppm A.O.A.C. hard water, in the presence of 5% organic soil (serum), 10 minutes at 20°C

**BROAD SPECTRUM DATA:** The following organisms also pass the A.O.A.C. Use-Dilution Test in 400 ppm A.O.A.C. hard water at a dilution of 1:256 in the presence of 5% organic soil (serum), 10 minutes at 20°C:

*Acinetobacter calcoaceticus*, ATCC 19606  
*Candida albicans*, Clinical Isolate  
*Candida parapsilosis*, Clinical Isolate  
*Citrobacter freundii*, ATCC 8090  
*Enterobacter aerogenes*, ATCC 13048  
*Enterobacter cloacae*, ATCC 23355  
*Escherichia coli*, ATCC 25922  
*Klebsiella pneumoniae*, ATCC 13683  
*Proteus mirabilis*, Clinical Isolate  
*Proteus vulgaris*, ATCC 13315  
*Pseudomonas aeruginosa*, ATCC 27853  
*Salmonella typhi*, ATCC 6539

*Salmonella typhimurium*, ATCC 14028  
*Serratia marcescens*, ATCC 8100  
*Shigella flexneri*, ATCC 12022  
*Shigella sonnei*, ATCC 25931  
*Staphylococcus aureus*, ATCC 25923  
*Staphylococcus aureus* (MRSA),  
Multiply (Methicillin)-Resistant  
Clinical Isolate  
*Staphylococcus epidermidis*, ATCC 12228  
*Streptococcus faecalis*, ATCC 19433  
*Streptococcus pyogenes*, ATCC 19615

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**FUNGICIDAL:** The 1:256 (1/2 ounce per gallon) solution passes the A.O.A.C. Fungicidal Test (*T. mentagrophytes*) when diluted with 400 ppm A.O.A.C. hard water, in the presence of 5% organic soil (serum), 10 minutes at 20°C.

**TUBERCULOCIDAL:** The 1:256 (1/2 ounce per gallon) solution passes the A.O.A.C. Tuberculocidal Test [*Mycobacterium tuberculosis*, var. *bovis* (BCG)] when diluted with 400 ppm A.O.A.C. hard water, in the presence of 5% organic soil (serum), 10 minutes at 20°C.

**\*VIRUCIDAL:** The 1:256 (1/2 ounce per gallon) solution passes the Virucidal Assay (EPA Proposed Method) [*Influenza A<sub>2</sub>* (Japan), *Herpes simplex Type 2*, *Vaccinia* and *Adenovirus Type 2*] when diluted with 400 ppm A.O.A.C. hard water, in the presence of 5% organic soil (serum), 10 minutes at 20°C.

**ODOR CONTROL:** It eliminates many odors by killing odor-causing bacteria while simultaneously chemically neutralizing their odors.