

1270-184

6-13-2003

1/3

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Washington, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

JUN 13 2003

Robert Beach  
Scientist -Product Development  
Zep Manufacturing Company  
1410 Seaboard Ind. Blvd. NW  
Atlanta, GA 30318

Subject: Zep Lemonex  
EPA Registration No. 1270-184  
Amendment Dated: March 25, 2003  
EPA Received Date: March 27, 2003

Dear Mr. Robert Beach,

The following amendment submitted in connection with registration under section 3(c)(7)(a) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable with the following comments listed below:

**Proposed Amendment**

- Response to PR Notice 2001-1

**Label Comments**

1. Delete the following statement from **PESTICIDE DISPOSAL**  
Do not contaminate water food, or feed by storage and disposal.
2. Add the following Directions, since you list kennels as a use site.

**Veterinary Practice/Animal care Laboratory/Zoos/Pet shop/Kennels/Tack House  
Shops Disinfection Directions**

For cleaning and disinfecting hard non-porous surfaces; equipment not used for animal food or water utensils, instruments, cages. Kennels, stables, etc. Remove all animals feed from premises, animal transportation vehicles crates, etc. Remove all litter droppings and manure from floors, walls and surfaces occupied or transferred by animals. Thoroughly clean all surfaces with undiluted product and allow to remain wet for a ~~minimum of 10~~ **30** minutes. ventilate buildings and other closed spaces. Do not house animal or employ equipment until treatment has been absorbed set or dried.

MBOL							
PRNAME							
LTE							

**Comments**

A stamped label is enclosed for your records. Please submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling. If the above 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 bearing the amended labeling constitutes acceptance of these conditions.

Should you have any questions or comments concerning this letter, please contact Velma Noble at (703) 308-6233.

Sincerely,



Velma Noble  
Product Manager (31)  
Regulatory Management Branch1  
Antimicrobial Division (7510c)

BEFORE USING THIS PRODUCT PLEASE READ THIS ENTIRE LABEL.

# ZEP LEMONEX™

## DETERGENT DISINFECTANT

CLEANS • DISINFECTS • DEODORIZES • SANITIZES

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUN 13 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide,

registered under EPA Reg. No. 1270-184

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.  
**PESTICIDE STORAGE:** Store in original container in an area inaccessible to persons unfamiliar with the use of this product. Avoid impacting side walls.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazard Waste Representative at the nearest E.P.A. Regional Office for guidance.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Small plastic containers, after rinsing and puncturing as above, may be disposed of by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

PROD. #0675  
303E

NET CONTENTS: \_\_\_\_\_

### ACTIVE INGREDIENTS:

n-Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>12</sub>, 5% C<sub>18</sub>)  
dimethyl benzyl ammonium chlorides ..... 0.8%  
n-Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>)  
dimethyl ethylbenzyl ammonium chlorides ..... 0.8%

**INERT INGREDIENTS:** ..... 98.4%

**TOTAL** ..... 100.0%

A heavy-duty cleaner which, when used as directed, is effective against *Staphylococcus aureus*, *Salmonella choleraesuis*, and *Pseudomonas aeruginosa*. Kills *Trichophyton mentagrophytes*, the agent that causes Athlete's foot fungus, when used as directed for disinfection on bathroom floors, shower stalls, and bath tubs. Ideal for use in bathrooms, locker rooms, public conveyances, kennels, office building, schools, restaurants, nursing homes, hospitals, food processing plants, and industrial plants. Use on floor, ceiling, wall, table tops, shower stalls, walkways, around pools, bath tubs, sinks, garbage cans, light fixtures, equipment and any other washable surface.

Can be used on terrazzo, marble, glazed ceramic tile, asphalt, vinyl, vinyl asbestos, rubber and other composition floors. Rinse promptly and thoroughly from surfaces, especially light-colored vinyl, to prevent possible discoloration.

Excellent for use in automatic scrubbing machines. Will not attack normal machine valves, fittings, and components. Cleans rapidly and effectively. Rinses completely, leaving no residue.

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMAN AND DOMESTIC ANIMALS

Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Wear goggles/facashield, protective clothing, and rubber gloves. Harmful if swallowed. Wash thoroughly with soap and water before reuse. Remove contaminated clothing and wash before reuse.

#### FIRST AID

<b>If inhaled</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>Call poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>

#### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-541-2016 for emergency medical treatment information.

#### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

#### ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

#### A.O.A.C. USE DILUTION CONFIRMATION TEST

*S. aureus* - 4.5 oz./gal. water  
*S. choleraesuis* - 4.5 oz./gal. water  
*Pseudomonas aeruginosa* - 5.6 oz./gal. water

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Before use in food processing plants and restaurants, food products and packaging materials must be removed from the room or carefully protected.

**TO CLEAN AND SANITIZE:** For light-duty cleaning, sanitizing, and deodorizing, dilute product 2 ounces per gallon of water (200 ppm active quaternary) and apply to non-food, non-porous surfaces with cloth, sponge, or mop. Allow at least 1 minute contact time. Allow surfaces to drain and air dry. Fresh sanitizing solution should be prepared daily, or more often if solution becomes diluted or soiled.

**GENERAL CLEANING, DISINFECTING, DEODORIZING DIRECTIONS:** Prepare 4.5 oz. of product per gallon of water. Preclean surfaces. Then, thoroughly wet surfaces using a mop, cloth, or sponge. Surfaces must remain wet for 10 minutes. Allow surfaces to air dry or rinse/dry excess solution from surfaces. Prepare a fresh solution daily or more often if the use solution becomes visibly soiled or diluted.

After disinfecting food contact surfaces such as tables and counters, rinse surfaces with potable water. Do not use on utensils, glasses, dishes, or cookware.

**HOSPITAL DISINFECTION:** Prepare 5.6 oz. of product per one gallon of water. Preclean surfaces. Then, thoroughly wet surfaces using a mop, cloth, or sponge. Surfaces must remain wet for 10 minutes. Allow to air dry or rinse excess solution from surfaces. Prepare a fresh solution daily or more often if the use solution becomes visibly soiled or diluted.

After disinfecting food contact surfaces such as tables and counters, rinse surfaces with potable water. Do not use on utensils, glasses, dishes, or cookware. This product is not for use on medical devices and equipment.

E.P.A. REG. NO. 1270-184

E.P.A. EST. NO. 1270-GA-1

#### PRECAUCION

**AL USUARIO:** Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente. (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

**FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY**  
**NOT FOR HOUSEHOLD USE OR RESALE**

Proudly American Made  
**ZEP MANUFACTURING COMPANY**  
A division of Acuity Specialty Products Group, Inc.  
ATLANTA, GEORGIA 30301  
CLEAN ACROSS AMERICA AND THROUGHOUT THE WORLD™



This product is designed exclusively for industrial and institutional use by trained, professional maintenance personnel. Label directions and precautions must be followed exactly. Zep Manufacturing Company will not be responsible for any injury, loss, or damage if product is used in any manner not in compliance with label directions, or if precautions are not observed.



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3/3