

JUN 17 1987

**Zep Manufacturing Company
P.O. Box 2015
Atlanta, GA 30301**

Attention: Chris Langston

Gentlemen:

**Subject: Zep Lemonex
EPA Registration No. 1270-184
EPA Received Date August 19, 1986**

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling.
 - a. Include the subheading "Pesticide Disposal" in your "Storage and Disposal" section, where appropriate.
 - b. The "Directions for Use" heading and the misuse statement should immediately precede the actual directions you provide.
 - c. Delete the phenol coefficient claims from your product label. Phenol coefficient claims are permitted only on labels of those products when the value claimed can be considered meaningful and not misleading. Only when the phenol coefficient of a product, as claimed on the label, can be multiplied by the factor "20" to provide the effective use dilution of the product (as confirmed by the AOAC Use Dilution Method) will the phenol coefficient claim be permitted on the label.

Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release


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CONCURRENCES

SYMBOL	ORIGINATOR						
SURNAME							
DATE							

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for shipment of the product bearing the amended labeling constitutes
acceptance of these conditions.

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

Sincerely yours,

John H. Lee 
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

PROD. #0675

ZEP LEMONEX

DETERGENT-DISINFECTANT
CLEANS DISINFECTS DEODORIZES SANITIZES

NET CONTENTS/GALS.

PHENOL COEFFICIENTS

S. aureus 14
S. typhosa 9

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

A heavy duty cleaner which, when used as directed, is effective against *Staphylococcus aureus*, *Salmonella choleraesuis*, and *Pseudomonas aeruginosa*. It can also be used to kill pathogenic fungi such as *Trichophyton interdigitale* on environmental surfaces. Ideal for use in bathrooms, locker rooms, public conveyances, kennels, office building, schools, restaurants, nursing homes, 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, ceramic tile, asphalt, vinyl, vinyl asbestos, rubber and other composition floors. Equally effective in soft or hard water containing less than 500 ppm CaCO₃.

Excellent for use in automatic scrubbing machines. Will not attack normal machine valves, fittings, and components. Cleans rapidly and effectively. Rinses completely.

ACTIVE INGREDIENTS:

n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides 0.8%
n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides 0.8%

INERT INGREDIENTS: 98.4%
TOTAL 100.0%

STATEMENT OF PRACTICE

IF SWALLOWED: Drink milk, egg whites, gelatin solution, water. Call a physician.
IF ON SKIN: Immediately flush with plenty of water for at least 15 minutes.
IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes.

NOTE TO PHARMACIANS

Probable mucosal damage may contraindicate the use of respiratory depression, and convulsion may be needed.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner not intended.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage and disposal. Improper disposal of excess pesticide, spray mixture or rinsate can be disposed of by use according to label instructions. Contact your local Environmental Protection Agency, or the Hazard Waste Representative at the nearest EPA office for more information. Triple rinse (or equivalent) the container. Then offer for recycling in a sanitary landfill, or by other procedures approved by state and local authorities, by burning. If burned, contain residual liquids and solids. Small plastic containers, after rinsing and puncturing as allowed by state and local authorities, by burning. If burned, contain residual liquids and solids.

TO CLEAN AND SANITIZE: For light-duty cleaning, scrub with sponge or mop. Allow at least 1 minute contact time. A solution should be prepared daily, or more often if solution becomes soiled.
TO CLEAN AND DISINFECT: For heavy-duty cleaning, scrub with sponge or mop. Use 4.5 ounces per gallon of water (560 ppm active quatarymop. This dilution will kill *S. aureus*, *S. choleraesuis* and other bacteria on surfaces.

Use 5.6 ounces per gallon of water (700 ppm active quatarymop).
TO STRIP WAX: For removing accumulated layers of wax, use 16 ounces per gallon of hot water (4000 to 8000 ppm active quatarymop) and scrub with floor machine equipped with a scrubber pad or wet pickup vacuum cleaner. Rinse floor thoroughly with water.
E.P.A. REG. NO. 1270-184

ACCEPTED
with COMMENTS
In EPA Letter Dated:

JUN 17 1987

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 1270-184

KEEP OUT OF REACH OF CHILDREN
DANGER

See Below Side Panel For Statement of Practical Treatment and Precautionary Statements.

FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER

Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Remove and wash contaminated clothing.