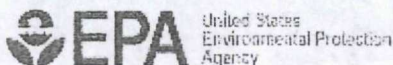


1270-257

10/05/2012

1/7

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



Office of Pesticide Programs

OCT - 5 2012

Zep Manufacturing Company  
A Division of Acuity Specialty Product Group, Inc.  
1310 Seaboard Industrial Blvd  
Atlanta, GA 30318

Attention: KyAnne L. Morris  
Senior Chemist

Subject: Zep AIO  
EPA Registration No. 1270-257  
Notification Dated September 7, 2012

This will acknowledge receipt of your notification, submitted under the provisions of FIFRA Section 3(c)(9).

Proposed Notification

- Additional Brand Name: "Lemongrass Sanitizing Cleaner with Peroxide"
- To Update the Storage and Disposal Section per PR Notice 2007-4

General Comments:

Based on a review of the submitted material, the following comments apply:

The Notification is in compliance with PR Notice 98-10 and is acceptable. The information has been made a part of your file.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,

Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)



Please read instructions on reverse before completing

Form Approved. OMB # 070-0060

Print Form



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 1270-257	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name)	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) Zep, Inc 1310 Seaboard Industrial Blvd Atlanta, GA 30318 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(ii), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
 Notification of Alternate Brand Name per PR Notice 98-10 "Lemongrass Sanitizing Cleaner with Peroxide".  
 Also, corrected spelling errors and filled in Net Contents and EPA Est. No. information. Changed company information to reflect information currently on file with EPA. Added secondary container label for diluted product.  
 Notification of label change per PR Notice 2007-4 & Chapter 13 of EPA's Label Review Manual.  
 Added "How to clean" and one-way opening container instructions to Storage & Disposal section.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.      No. per container If "Yes" Package wgt              No. per container			
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2 L, 1, 2.5, 5, 20, 55, 275 Gal		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name KyAnne L. Morris	Title Senior Chemist	Telephone No. (Include Area Code) (404) 603-7668
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>KyAnne L. Morris</i>	3. Title Senior Chemist, Compliance Services	
4. Typed Name KyAnne L. Morris	5. Date 09/07/2012	





3/7

Zep Inc.  
Research & Development  
1420 Seaboard Industrial Blvd  
Atlanta GA 30318

Phone: 404.352.1680  
Fax: 404.350.6218

www.zep.com

September 7<sup>th</sup>, 2012

**Document Processing Desk (NOTIF)**

Office of Pesticide Programs (7504C)  
Registration Support Branch  
US EPA  
Ariels Rios Bldg.  
1200 Pennsylvania Ave. NW  
Washington, DC 20460

Subject: Zep AIO  
EPA Reg. No. 1270-257  
Label Notification

Dear Mr. Swindell:

We are requesting a modification to our label as notification. We have included all previously approved ABNs to the label, adding one additional ABN. We have added "Lemongrass Fragrance" marketing claim to the label, previously approved on 6/7/2005. We have also corrected the Storage & Disposal section per the 8570-1 application.

"This notification is consistent with the provisions of PR Notice 98-10, PR Notice 2007-4 and EPA regulations at 40 CFR 152.46, 156.10, 156.140, 1546.144, 156.146, and 156.156. No other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec 1001 to willfully make any false statement to the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, 156.10, 156.140, 1546.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIRA."

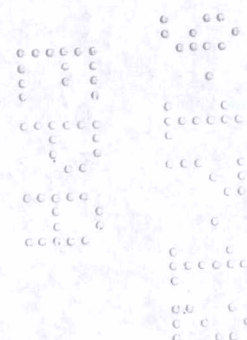
Enclosed you will find the following documents:

1. Application – EPA Form 8570-1 for this request
2. Clean copy of new label (1 copy)
3. New label with changes highlighted (2 copies)

Should need any additional information, please do not hesitate to contact me direct at (404) 603-7668 or by email at [kyanne.morris@gmail.com](mailto:kyanne.morris@gmail.com)

Sincerely,

KyAnne L. Morris  
Senior Chemist  
Compliance Services  
Zep, Inc., R & D





4/7

BEFORE USING THIS PRODUCT, PLEASE READ THIS ENTIRE LABEL

# ZEP AIO™

[Zep AIO 2] [Zep Apriza] [Zep Apriza 2]  
[Zep Lemongrass Sanitizer and Cleaner with Peroxide]  
[Lemongrass Sanitizing Cleaner with Peroxide]

[Lemongrass Fragrance]  
OXIDIZING MULTI PURPOSE CLEANER,  
DEGREASER & SANITIZER (NON-FOOD CONTACT SURFACES)  
& DEODORIZER FOR HARD NON-POROUS SURFACES

NOTIFICATION  
Date Reviewed: 10/15/12  
Reviewed By: [Signature]

**ACTIVE INGREDIENTS:**

Hydrogen peroxide .....	7.50%
n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) Dimethyl Benzyl Ammonium Chloride .....	0.60%
n-Alkyl (68% C12, 32% C14) Dimethyl Ethylbenzyl Ammonium Chloride.....	0.60%
<b>OTHER INGREDIENTS:</b> .....	<b>91.30%</b>
<b>TOTAL</b> .....	<b>100.00%</b>

## KEEP OUT OF REACH OF CHILDREN WARNING

See [left] [side] [right] [back] panel for Precautionary Statements and First Aid

**Net Contents: 67.6 US FLUID OZ. (2 Liters) [1 gallon] [2.5, 5, 20, 55, 275 gallons]**

{Back Panel}

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING.** Causes substantial but temporary eye injury. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Causes skin irritation. Do not get in eyes, on skin or on clothing. Wear safety glasses or other eye protection and rubber gloves when handling. Remove and wash contaminated clothing before reuse.

#### FIRST AID

**IF IN EYES:** Hold eye open. Rinse slowly with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then, continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move victim to fresh air. If not breathing, call 911 or an ambulance, then, give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

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



### ENVIRONMENTAL HAZARDS

This product is toxic to fish. 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.

**For use in:** Bathrooms, Shower and bath areas, Hotels, Motels, Institutional Kitchens, Office Buildings, Schools, Nurseries, Day care centers, Nursing Homes, Exercise facilities, Health clubs, Locker rooms, Waste Management facilities, Transportation terminals, Institutional facilities, Public facilities, Animal laboratories, Kennels, Veterinarian facilities.

### DIRECTIONS FOR USE

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

This product when used as directed as a sanitizer, kills 99.9% of the following in 5 minutes at room temperature (21°-23°C): Campylobacter jejuni, Lysteria monocytogenes, Staphylococcus aureus, Salmonella cholerasuis, Klebsiella pneumoniae, Enterococcus faecalis, Escherichia coli, Herpes Simplex Virus 2, and Influenza A.

To insure that all bacterial and viral agents are killed as stated, use 5 oz of product concentrate per gallon of water.

**General Cleaning:** Using the appropriate cleaning solution for the type of surface to be treated, thoroughly clean the surface, allow to air dry. If needed use additional solution. Replace solution daily.

**Sanitizing:** To use as a sanitizer on inanimate, hard non-porous surfaces, add 5 oz of product concentrate per gallon of water. Apply the solution liberally to pre-cleaned hard surfaces, with a spray bottle, cloth, sponge or mop. Allow surface to remain wet for 5 minutes, then, either allow to air dry or wipe dry to remove excess liquid.

Heavily soiled surfaces should be pre-cleaned with the same solution. Replace solution daily. To use as a sanitizer in bathrooms Add 5 oz of product concentrate per gallon of water for sinks, faucets, counters, urinals, toilets and all hard contact surfaces such as walls, stalls and floors where urine and soils buildup. Replace solution daily.

#### Deodorizing

For general deodorizing, use 1 part product to 128 parts water (1 oz/ gallon). Apply to hard, non-porous surfaces to eliminate generally offensive odors. For effective, high level, deodorizing, use 5 oz per gallon (1:25). Apply to hard non-porous surface thoroughly to eliminate odors due to spillage from post-colostomy, post-ileostomy dressing and bag change, and other spills such as urine or fecal matter: smoke or soot deposits, industrial plant processes mildew and mold, and surfaces in musty closets.

### CLEANING SOLUTION DILUTION & APPLICATIONS:

#### LIGHT DUTY (1/2 oz per gal (1:256))

- Streak free window, mirror and stainless steel cleaning
- General floor cleaner for mopping and auto scrubbers
- Bonnet cleaning solution for carpets
- Light wipe down cleaner

#### HEAVY DUTY (5 oz per gal (1:25))

- Bathroom, shower room, tile & grout cleaner
- Urine and garbage odor eliminator
- Pre-spray for carpet extraction
- General degreaser

#### GENERAL PURPOSE (1 oz per gal (1:128))

- General wipe down cleaner
- Mopping solution for Bathroom and Kitchen floors
- General carpet spot remover

- Heavy soil wipe down cleaner
- Heavy carpet spot remover
- Cleans mold & mildew

NOTIFICATION  
 Date Reviewed: 10/5/12  
 Reviewed By: WRT



### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

#### PESTICIDE STORAGE

Store in original container in areas inaccessible to children. Do not reuse empty container.

#### 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 Hazardous Waste representative at the nearest EPA Regional Office for guidance.

#### CONTAINER DISPOSAL

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container promptly after emptying.

*(Note to reviewer: The following section will be used for containers with a one-way valve cannot be rinsed.)*

Nonrefillable container. Do not reuse or refill this container. Replace cap and discard in trash. Offer for recycling, if available.

*(Containers equal to or less than 5 gallons)*

Triple rinse as follows: Fill container 1/4 full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

*(Containers greater than 5 gallons):*

Triple rinse as follows: Fill container 1/4 full with water. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

EPA REG. NO. 1270-257

EPA EST. NO. 1270-GA-1 [(1) or 1270-TX-1 (2) or 40849-GA-1 (E)]

[Postscript is first letter or number of batch code number on container.]

*Note: A batch code is required to appear on product container or label.*

[Manufactured] [MADE IN USA] by:

Zep, Inc.

1310 Seaboard Ind. Blvd.

Atlanta, GA 30318

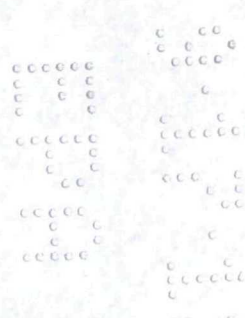
[CLEAN ACROSS AMERICA AND THROUGHOUT THE WORLD™]

[www.zep.com]

[Company Logo]

*(Note to reviewer: Language in [ ] is optional or interchangeable)*

NOTIFICATION  
Date Reviewed: 10/5/12  
Reviewed By: [Signature]





# Zep A.I.O. WORKING SOLUTION

(Note to Reviewer: Optional marketing claims from Master Label may be added, space permitting.)

### ACTIVE INGREDIENTS:

Hydrogen peroxide .....	7.50%
n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) Dimethyl Benzyl Ammonium Chloride .....	0.60%
n-Alkyl (68% C12, 32% C14) Dimethyl Ethylbenzyl Ammonium Chloride .....	0.60%

**OTHER INGREDIENTS:**..... 91.30%

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

## KEEP OUT OF REACH OF CHILDREN WARNING

See side panel for additional precautionary statements.

(Note to Reviewer: The following cleaning sites may be alternatively represented by pictograms. The dilution rate is to be filled in by the end user, where it will indicate diluted product and intended use.)

	General Wipe Down	Bathroom	Window	Mop, bucket and floor
Dilution Rate:				

{Side or Back Panel}

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING. KEEP OUT OF REACH OF CHILDREN.** Causes substantial but temporary eye injury. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Causes skin irritation. Do not get in eyes, on skin or on clothing. Wear safety glasses or other eye protection and rubber gloves when handling. Remove and wash contaminated clothing before reuse.

[Refer to the pesticide product label for additional Precautionary Statements, First Aid and Storage & Disposal information.] [Before using this product, please read entire label on original package.]

The product in this container is diluted as directed on the pesticide product label.  
Follow the directions for use on the pesticide label when applying this product.

EPA Reg. No. 1270-257

Zep, Inc.  
1310 Seaboard Ind. Blvd.  
Atlanta, GA 30318

NOTIFICATION  
Date Reviewed: 10/5/13  
Reviewed By: [Signature]

