

47371-153

8/31/2009
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

AUG 31 2009

Ms. Joanna Holcombe
H&S Chemicals Division
c/o Lonza, Inc.
90 Boroline Road
Allendale, NJ 07401

SUBJECT: Formulation POQ-451 (1:32)
EPA Registration No.: 47371-153
Amendment Date: June 1, 2009
EPA Receipt Date: June 2, 2009

Dear Ms. Holcombe,

The following amendment submitted in connection with registration under FIFRA, as amended, is acceptable with the conditions listed below.

Proposed Amendment

- Update Storage and Disposal per PRN 2007-4.
- Update Company Address and add optional statements

Conditions

Revise the label as follows:

- 1) The Environmental Hazards must be revised to be in agreement with the ADBAC RED by adding the statement, "*This pesticide is toxic to fish and aquatic invertebrates.*"
- 2) AOAC has updated the species nomenclature for *Salmonella choleraesuis* to *Salmonella enterica*. Revise your label accordingly.
- 3) Revise the "Deodorizing and Cleaning" directions by deleting the term, recommended, and adding the application rate of "*4 oz to 1 gallon of water.*"
- 4) Revise the "Bathroom/Kitchen" heading to read "Cleaning and Deodorizing Bathrooms/Kitchens since the directions are incomplete to support disinfection directions.

5) The Container Rule rescinded PR Notice CONCURRENCES-1 Part II in which Container Disposal statements are no longer separated by container size but by use pattern. Delete the "Storage and Disposal" instructions for containers one gallon or less w/ uses other than household/residential.

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Also revise the first "Note to reviewer" to read "Containers for household and residential uses," and the third "Note to reviewer" to read "Containers for institutional/industrial/commercial uses."

6) Revise the "Container Disposal" statements for commercial/industrial/commercial uses to read:

Container Disposal: Nonrefillable container. Do not reuse or refill container. Clean container promptly after emptying.

(Containers 5 gallons or less [please note that the statements are the same for plastic and metal containers])

Triple rinse as follows: Fill container ¼ 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.

(Container greater than 5 gallons [please note that the statements are the same for plastic and metal containers])

Triple rinse as follows: Fill container ¼ 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. Empty the rinsate into the application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

(For Bag in Box Containers): Proposed language acceptable.

General Comments

A stamped copy of the label accepted with conditions is enclosed. Submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Jacqueline McFarlane at (703) 308-6416.

Sincerely,



Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510P)

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles or face shield), protective clothing and protective gloves (rubber or chemical resistant). Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove contaminated clothing and wash before reuse.

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes.

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

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

(For 5 gallon containers & larger.)

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.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

FORMULATION POQ-451 (1:32)

Cleaner, Deodorant, and Disinfectant

Active Ingredients:

Pine oil.....	3.94%
n-Alkyl (C ₁₄ 50%, C ₁₂ 40%, C ₁₆ 10%) dimethyl benzyl ammonium chloride	1.98%
Other Ingredients:.....	94.08%
Total	100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

See (left) (side) (right) (back) panel for Precautionary Statements and First Aid

EPA Reg. No. 47371-153

EPA Est. No. (as indicated on container)

Net Contents (insert container size here)

[Country of origin (insert country)]

[Manufactured in (insert country)]

[Barcode]

H&S CHEMICALS DIVISION

c/o Lonza Inc.,

90 Boroline Road

Allendale, NJ 07401

ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG 31 2009

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

47371-153

Rate

For disinfecting of precleaned, hard, nonporous, inanimate surfaces in schools, industries and households.

Use on to walls, floors, garbage cans, and other hard (inanimate), nonporous, precleaned surfaces such as floors, walls tables, chairs, countertops, refrigerator (exterior surfaces), appliances, sinks, bathroom fixtures, toilet bowls, bathtubs, , glazed porcelain, and painted woodwork.

Use in federally inspected meat and poultry plants as a compound for use on all surfaces in inedible product processing areas and exterior areas.

For Schools, Public Rest Rooms, Athletic Facilities, Food Processing Plants, Food Storage Areas, Kitchens, Restaurants, Bars, Transportation Terminals, Hotels, Motels and Other Non-Medical Institutional and Industrial Uses:

Effective against Staphylococcus aureus, and Salmonella ~~choleraesuis~~ according to current AOAC Use-dilution Standards at 4 oz. per gallon of water (1:32 dilution).

For Hospitals, Medical and Dental Offices, Nursing Homes and other Medical Facilities:

Effective against Pseudomonas aeruginosa according to current AOAC use dilution standards at 8 oz. per gallon of water (1:16 dilution).

DILUTION 1:32	4 oz. per gallon of water
DILUTION 1:16	8 oz. per gallon of water

DIRECTIONS FOR USE

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

FOR DISINFECTING: To disinfect, preclean surfaces intended for treatment, then apply appropriate use-dilution with a cloth, mop or coarse mechanical spray device. Spray 6 – 8 inches form the surface, rub with a brush, cloth or sponge. Do not breathe spray. Thoroughly wet surfaces for a contact time of 10 minutes, then wipe with a cloth or let air dry.

Rinse all surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Do not use on utensils, glassware, dishes and appliance interior surfaces as a disinfectant.

Prepare a fresh solution daily or more often if the solution becomes visibly dirty or diluted.

FOR DEODORIZING AND CLEANING: Remove heavy soil then apply the ~~recommended~~ solution with cloth or mop to thoroughly wet surfaces. Remove soil and thoroughly rinse with potable water before reuse.

MILDEWSTATIC PERFORMANCE: Effectively inhibits the growth of mold and mildew and the odors caused by them when applied to precleaned hard, nonporous surfaces. Use ½ cup (4 oz.) to one gallon of water. Allow to dry on surface and repeat weekly or more often if mildew growth returns.

WAXED OR NO-WAX FLOORS: Cleans floors bright with virtually no filming or dulling the gloss. Add ½ cup to 1 gallon warm water, wash floor with sponge or mop and rinse. Usually not necessary to rinse.

BATHROOM / KITCHEN: Add ½ cup (4 oz.) to 1 gallon warm water. Apply to precleaned surfaces with a mop, cloth or sponge. Prepare a fresh solution for each use.

FOR DISINFECTION OF TOILET BOWLS: Flush toilet, then add 6 ounces directly to the bowl water. Swab bowl completely using a scrub brush making sure to get under rim, and let stand for at least 10 minutes, then flush.

(Note to reviewer: For Nonrefillable Containers, ~~Container is one gallon or less, Label has Household and Residential Uses~~)

STORAGE AND DISPOSAL

Store in original container in areas inaccessible to children.

Nonrefillable container. Do not reuse or refill this container. Wrap [container] and put in trash or offer for recycling if available.

(or)

Nonrefillable container. Do not reuse or refill this container. Wrap [container] and put in trash or offer for reconditioning if appropriate.

~~(Note to reviewer: For Nonrefillable Containers, Container is one gallon or less, Label has any use other than Household or Residential)~~

~~STORAGE AND DISPOSAL~~

~~Store in original container in areas inaccessible to children.~~

~~Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Fill container 1/4 full with water and reclose the container. Agitate vigorously and dispose of rinsate. Repeat two more times. Wrap [container] and put in trash or offer for recycling if available.~~

~~(or)~~

~~Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Fill container 1/4 full with water and reclose the container. Agitate vigorously and dispose of rinsate. Repeat two more times. Wrap [container] and put in trash or offer for reconditioning if appropriate.~~

(Note to reviewer: For Nonrefillable Containers, Container is over one gallon:)

STORAGE AND DISPOSAL

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

Pesticide Storage:

Open dumping is prohibited. Store in original container in areas inaccessible to children.

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. Clean container promptly after emptying.

(Plastic Containers:) Triple rinse as follows: Fill container 1/4 full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

(Metal Containers:) Triple rinse as follows: Fill container 1/4 full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations. DO NOT cut or weld metal containers.

(For Bag in Box Containers:) Completely empty bag into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.