

1677-236

9/27/2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

U.S. ENVIRONMENTAL PROTECTION
AGENCYOffice of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg.

Number:

1677-236

Date of Issuance:

SEP 27 2011

Term of Issuance:

Unconditional

Name of Pesticide Product:

RAC 100BL

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Ecolab Inc.
370 N. Wabasha Street
St. Paul, MN 55102

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 (OPP Decision No. D-446839) is unconditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Revise the "EPA Registration Symbol to read, "EPA Reg. No.". 1677-236

Signature of Approving Official:

Velma Noble

Date:

SEP 27 2011

Product Manager Team 31

CONCURRENCES

Regulatory Management Branch
Antimicrobials Division (7510P)

SYMBOL

DATE

3. **Product Chemistry Review:**

- To upgrade OPPTS 830.6317 (Storage Stability) and OPPTS 830.6320 (Corrosion Characteristics) requirements, results for a minimum of 1 year from a GLP-compliant storage stability and corrosion characteristics study must be provided. Results from the accelerated study do not fully satisfy OPPTS 830.6317 and OPPTS 830.6320 requirements. The active ingredient content of the product must be determined at the beginning of the test period and every 3 months thereafter for a period of 1 year. Storage and disposal information on the product label must be revised if product composition (or packaging) deteriorates over time. The product should be tested in its commercial packaging. Note that information in the study assigned MRID 484276-01 suggests that a long-term storage stability study is underway. Study 1000019 is referenced. No other details are provided.
4. Under heading "Pesticide Storage" change the word should to read "must".
5. Acute toxicity labeling has been revised.
6. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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. Should you have any questions regarding this letter, please contact Drusilla Copeland 703-308-6223.

Sincerely,



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

Enclosure: Label, product chemistry review approval dated 6/7/11, actue tox review approval dated 7/13/11 and efficacy review approval dated 9/27/11

SEP 27 2011

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

RAC 100BL

REMOVABLE ANTIMICROBIAL COATING

RESIDUAL-SANITIZING · BACTERICIDAL · FUNGISTATIC

· MILDEWSTATIC

Active Ingredients:

n-Alkyl (50% C14, 40% C12, 10% C16) Dimethyl Benzyl Ammonium Chloride	0.06%
Di-n-Octyl Dimethyl Ammonium Chloride	0.0225%
Di-n-Decyl Dimethyl Ammonium Chloride	0.0225%
n-Octyl Decyl Dimethyl Ammonium Chloride	0.045%
Other Ingredients	99.85%
Total	100.000%

KEEP OUT OF REACH OF CHILDREN
DANGER

PRECAUTIONARY STATEMENTS

DANGER: Causes irreversible eye damage. Harmful if inhaled. Do not get in eyes, on skin or on clothing. Avoid breathing spray mist. Wear ~~splash-proof~~ goggles, face shield or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing 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. Call a poison control center or doctor for treatment advice.

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

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible

FOR EMERGENCY MEDICAL INFORMATION, CALL TOLL-FREE 1-800-328-0026

OUTSIDE NORTH AMERICA, CALL 1-651-222-5352

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.

DIRECTIONS FOR USE:

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

Not intended for food contact surfaces. If a food-contact surface is accidentally sprayed rinse with potable water until the coating is visibly removed before the surface comes into contact with food. If RAC 100BL is applied to food processing equipment it must be removed prior to processing. Rinse equipment with potable water until the coating is visibly removed follow rinse with an approved no-rinse food contact sanitizer.

During application of the coating, misting can occur. Inhalation of such aerosols should be avoided. Wearing a disposable filtering half mask (EN 149, filter class FFP1 or higher) is required.

Non-food contact sanitizing

RAC 100BL sanitizes hard nonporous, non-food contact surfaces such as walls, ceilings, exterior HVAC surfaces, ~~drip pans, racks, troughs, piping~~, trailers and food processing equipment while it is not in service in dairy, meat, poultry, brewery, beverage and other food processing facilities. RAC 100BL is effective as a non-food contact sanitizer against the following organisms: *Staphylococcus aureus* (ATCC 6538), *Klebsiella pneumoniae* (ATCC 4352), *Listeria monocytogenes* (ATCC 49594), *Escherichia coli* O157:H7 (ATCC 43895), and *Salmonella typhimurium* (ATCC 13311).

Prior to use of this product as a non-food contact sanitizer, remove gross soils and particles from surfaces. Wash with a recommended detergent solution and rinse thoroughly with potable water.

Apply RAC 100BL as received, do not dilute. Apply using spray equipment, brush, roller, or pad as recommended by Ecolab. Do not breathe spray. Apply to non-food contact surfaces such that all desired surfaces are visibly coated. One gallon of RAC 100BL will cover 450-750 ft² (11.0 – 18.4 M² per Liter). Ensure sufficient coverage on all surfaces. Surfaces should be exposed to the sanitizing coating for a period of not less than 5 minutes. No rinsing is necessary.

Residual [non-food contact] sanitizing

RAC 100BL provides residual sanitizing activity for up to 30 days on hard nonporous, non-food contact surfaces such as walls, ceilings, exterior HVAC surfaces, ~~drip pans, racks, troughs, piping~~, trailers and food processing equipment while it is not in service in dairy, meat poultry, brewery, beverage and other food processing facilities. Once RAC 100 BL has been applied do not disturb the coating, avoid frequent touching and abrasions. RAC 100BL has residual non-food contact sanitizing activity in 5 minutes on pre-cleaned, hard, nonporous, inanimate surfaces against: *Staphylococcus aureus* (ATCC 6538), *Klebsiella pneumoniae* (ATCC 4352), *Listeria monocytogenes* (ATCC 49594), *Escherichia coli* O157:H7 (ATCC 43895), and *Salmonella typhimurium* (ATCC 13311).

Prior to use of this product as a residual sanitizer, remove gross soils and particles from surfaces. Wash with a recommended detergent solution and rinse thoroughly with potable water. For best results allow surface to dry thoroughly before applying RAC 100BL.

Apply RAC 100BL as received, do not dilute. Apply using spray equipment, brush, roller, or pad as recommended by Ecolab. Do not breathe spray. Apply to non-food contact surfaces such that all desired surfaces are visibly coated. Ensure sufficient coverage. For residual sanitizing activity do not remove coating, allow coating to air dry. [For continuous residual sanitizing, remove coating and reapply every 30 days.]

Reapply RAC 100BL if the coating is visibly absent, disrupted or frequently touched. If RAC 100BL coating becomes visibly soiled, remove coating and gross soils and particles from surfaces. The surface may need to be cleaned and/or sanitized prior to additional applications of the product. Wash with a recommended detergent solution, rinse thoroughly with potable water and allow surface to dry; then reapply RAC 100BL.

Avoid applications in areas with excessive water overspray or standing water. Avoid manual scrubbing or abrasion to include frequent touching of the coated surfaces and aqueous cleaning products to maintain residual sanitizing since these may remove the coating. One gallon of RAC 100BL will cover 450-750 ft² (11.0 – 18.4 M² per Liter).

Note to reviewer language in [brackets] is considered optional.

Fungistatic Control

RAC 100BL is ready to use and will effectively inhibit the growth of molds for up to 30 days when applied to hard non-porous surfaces and up to 14 days for porous surfaces in dairy, meat, poultry, brewery, beverage and other food processing facilities.

Prior to use of this product for fungistatic control, remove gross soils and particles from surfaces. Wash with a recommended detergent solution and rinse thoroughly with potable water. For best results allow surface to dry thoroughly before applying RAC 100BL.

Apply RAC 100BL as received, do not dilute. Apply using spray equipment, brush, roller, or pad as recommended by Ecolab. Do not breathe spray. Apply to non-food contact surfaces such that all desired surfaces are visibly coated.

For nonporous surfaces apply at a rate of one gallon of RAC 100BL per 450-750 ft² (11.0 – 18.4 M² per Liter).

Porous surfaces may require multiple coats to achieve the recommended coverage of 75-150 ft² RAC 100BL per gallon (1.8 – 3.7 M² per Liter) for fungistatic control. Allow coating to dry between applications

A residual fungistatic coating is obtained after the product is allowed to air dry on the surface. [For continuous fungistatic control, remove coating and reapply every 30 days for non-porous surfaces and every 15 days for porous surfaces]

Reapply RAC 100BL if the coating is visibly absent ,disrupted or frequently touched. Avoid applications in areas with excessive water overspray or standing water. Avoid manual scrubbing or abrasion to include frequent touching of the coated surfaces and aqueous cleaning products since these may remove the coating.

Surface[s] [Materials]:

RAC 100BL is formulated for use on including but not limited to the following surfaces:

aluminum	[finished] floors	plastic and painted surfaces
baked enamel surfaces	glass	plastic surfaces
glazed ceramic tile	glazed porcelain	stainless steel
chrome	laminated surfaces	vinyl
corian	metal surfaces	formica
linoleum	sealed fiberglass	
marlite	granite	

Removal of coating:

The dried RAC 100BL coating can be removed by water rinse or peeling . For best results wet RAC 100BL coated surfaces with warm potable water (80-110°F, 27-43°C); allow wetted coating to stand 1-5 minutes, then rinse well with warm potable water (80-110°F, 27-43°C) until the coating is visibly removed. RAC 100BL coating can also be removed using cold water, but may require additional time and water to fully remove. Wear eye protection when removing the dried RAC 100BL coating.

STORAGE & DISPOSAL:

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL

PESTICIDE STORAGE: Do not store above 120 deg. F. Keep from freezing. In case of spill, flood areas with large quantities of water. Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer.

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: (\leq 55-gallons rigid) Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. To clean the container before final disposal, empty the remaining contents from this container into appropriate container. Fill the container about 10 percent full with water. Agitate vigorously for 2 minutes. Dispose of rinsate according to local regulations. Repeat this rinsing procedure two more times. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill or by incineration.

Note to reviewer language in [brackets] is considered optional.

Net Contents:
1 U.S. Gal. (3.78 L)
2.5 U.S. Gal (9.46 L)
5 U.S. Gals. (18.9 L)

Manufactured For:
Ecolab Inc.
370 N. Wabasha Street
St. Paul, MN 55102

EPA Reg. No. 1677-[PENDING]
EPA Est. No.: [PENDING]

Optional Marketing Language

FOR USE IN

Bakeries, Dairies, Canneries, Food Handling Area, Food Service, Food Marketing and Storage, Food Processing (Meat, Seafood, Poultry, Fruit, Mushroom, Sugar, Oil, Nut), Ready-To-Eat Meat Processing Plants, Bottlers, Feed Mills, Wineries, Breweries.

[Residual Antimicrobial Coating]
[Renewable Antimicrobial Coating]

Note to reviewer language in [brackets] is considered optional.