



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (H7505C)
 401 "M" St., S.W.
 Washington, D.C. 20460

EPA Reg. Number: 6836-221	Date of Issuance: MAR 21 1997
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NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance: CONDITIONAL
Name of Pesticide Product: BARDAC RW-50

Name and Address of Registrant (include ZIP Code):

 Lonza Inc.
 17-17 Route 208
 Fair Lawn, NJ 07410

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 is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) and 3(c)(7)(B) provided that you:

1. Submit and/or cite all data required for registration/reregistration 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 reregistration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 6836-221".
 - b. Increase the type size for the Signal Word "DANGER" to 18 points or more.
 - c. Increase the type size for the statement "Keep Out of Reach of Children", to 12 points or more.
 - d. Revise the Hazards Statement to read:
 "Hazards To Humans And Domestic Animals".

Signature of Approving Official:

 Marshall Swindell
 Acting Product Manager 31
 Regulatory Management Branch I
 Antimicrobial Division (7504C)

Date:

MAR 21 1997

- e. Under the Statement of Practical Treatment, Note to Physician, delete the sentence: "Measures against circulatory shock, respiratory depression and convulsion may be needed."
- f. Delete the words "efficient" and "economical" from the first sentence on the left panel: "Bardac RW-50 is efficient, low foaming, economical and stable in use dilution." Also delete the following statement from the fourth sentence on the left panel: "...cuts down need for other chemicals".
- g. In the left panel Precautionary Statements, replace the sentence "May be fatal if swallowed" with "Harmful or fatal if swallowed".
- h. Add the following sentences to the left panel Precautionary Statements:

"Avoid contamination of food. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse."
- i. Since the intended use of BARDAC RW-50 is limited to swimming pools and spas, no effluent discharge statement is required. Therefore, revise the Environmental Hazards Statement to read:

"This product is toxic to fish, aquatic invertebrates, and birds."
- j. After the Environmental Hazards section, include the following Warning Statement as shown:

"PHYSICAL OR CHEMICAL HAZARDS: Do not use or store near heat or open flame."

3. Submit one (1) copy of the final printed labeling prior to release of the product for shipment.

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 labeling is enclosed for your records.

Sincerely,



Marshall Swindell

Regulatory Product Manager (31)

CONCURRENCES					
SYMBOL		7505W			
SURNAME		W. Arado			
DATE	Enclosure	3/20/97			

Regulatory Management Branch
Antimicrobial Division (7504G)

Bardac RW-50 is efficient, low foaming, economical and stable in use dilution.

Bardac RW-50 is compatible with most chemicals used in pool and spa water and will not damage tile, concrete, metal or plastics.

Bardac RW-50 keeps pool and spa water free and sparkling, clear of visible green and bluegreen algae, mustard algae, slime and green brown colors.

Bardac RW-50 improves filter operation and cuts down need for other chemicals.

Bardac RW-50 imparts tone and a pleasant "feel" to spa and swimming pool water.

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. May be fatal if swallowed.

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.

STORAGE AND DISPOSAL

- Do not contaminate water, food or feed by storage or disposal.
- Do not store on side.
- Avoid creasing or impacting of 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 Hazardous Waste representative at the nearest EPA 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 incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Metal Container: Triple rinse (or equivalent), then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. (If container is 1 gallon or less, use this container disposal statement.) Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

BARDAC RW-50 LOW FOAM SWIMMING POOL ALGAECIDE

Outstanding Growth Depressant for Blue, Green and Mustard Algae

Active Ingredient

Decyl isononyl dimethyl ammonium chloride

50%

Inert Ingredients

50%

100%

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution; or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

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

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No.

6836

EPA Establishment No.

6836-IL-1

Net Contents

Manufactured By:

LONZA INC., 17-17 Route 208, Fair Lawn, NJ 07410

FOR SALE FOR USE AND STORAGE BY
MAINTENANCE PERSONNEL ONLY

DIRECTIONS FOR USE

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

For pools and spas having just visible algae, add 16 fluid ounces to each 10,000 gallons of water or ratio thereof. After 24 hours, remove dead algae by cleaning. If algae is still present, repeat doses as necessary.

For initial treatment of clean pools and spas, add 8 fluid ounces to each 10,000 gallons of water or ratio thereof. Maintenance additions of 1.5 - 3.0 fluid ounces per 10,000 gallons should be added every 7 days or more frequently depending on water and use factors. A booster dose of 1.5 fluid ounces per 10,000 gallons should be provided after each rain of consequence.

FOR WINTERIZATION

1. This algaecide aids in the prevention of algae in swimming pools during the winter months, when the pool is out of service. This algaecide is economical, efficient and stable.
2. Test water for proper balance of minerals, pH and presence of metals. Take corrective action if necessary.
3. Superchlorinate the pool using a recommended winter shock treatment according to label directions. Apply when pool is out of service and allow pump to recirculate a minimum of one hour, preferably several hours or overnight.
4. Apply this algaecide directly to the pool water, pouring along the edge of the pool. Use 13 fluid ounces per 10,000 gallons of water and allow to circulate 2-4 hours.
5. Clean pool water line and filter. In areas with severe freezing, drain pool equipment and plumbing lines or use an antifreeze recommended for swimming pool plumbing and equipment. Pools without covers or mesh covers may need a second treatment in mid-winter or just prior to freezing.

ACCEPTED
with **COMMENTS**
to EPA Letter Dated:

MAR 21 1997

8/1/94

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

6836-221

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