

PM 32

6836-124

3/27/89

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US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION NUMBER

6836-124

DATE OF ISSUANCE

MAR 27 1989

TERM OF ISSUANCE

NOTICE OF PESTICIDE:

REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

GLYBROM RW-97.5

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

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

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 6836-124" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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

A copy of the label is enclosed for your records.

Jeff Kempter
Jeff Kempter
Product Manager (32)
Antimicrobial Program Branch
Registration Division (H7504C)

Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

Pringle 3/23

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GLYBROM RW - 97.5

Active Ingredients:

1-bromo-3-chloro-5,5-dimethylhydantoin	88.7%
1-3-dibromo-5,5-dimethylhydantoin	8.8%
Inert ingredients	<u>2.5%</u>
	100.0%

Available bromine	68.5%
Available chlorine	26.0%

EPA Reg. No. 6836-
 EPA Est. No. 6836-PA-1
 NET WEIGHT

ACCEPTED
 with COMMENTS
 in EPA Letter Dated:

MAR 27 1980

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

6836-124

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

For eye contact, flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. If physician is not available, flush for additional 15 minutes. Get immediate medical attention.

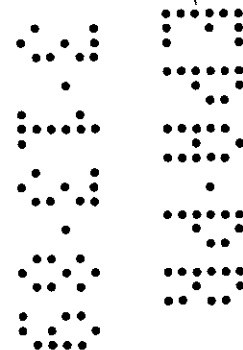
For skin contact, immediately wipe away excess material with a dry cloth while removing contaminated clothing and shoes. Under a safety shower, wash affected areas thoroughly with large amounts of water, and soap if available, for at least 15 minutes. Get immediate medical attention. Discard or decontaminate clothing and shoes.

If inhaled, remove from area to fresh air. If not breathing, clear airway and start mouth-to-mouth artificial respiration or use a bag-mask respirator. Get immediate medical attention. If victim is having trouble breathing, transport to medical care and, if available, give supplemental oxygen.

If swallowed, immediately give several glasses of water. DO NOT induce vomiting. If vomiting occurs, give fluids again. Have physician determine if patient's condition allows induction of vomiting or evacuation of stomach. Do not give anything by mouth to an unconscious or convulsing person. Get immediate medical attention.

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

LONZA INC.
 17-17 ROUTE 208
 FAIR LAWN NJ 07410



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FOR CONTROL OF ALGAE
INTERMITTENT OR SLUG METHOD

INITIAL DOSE. When the system is noticeably fouled add 0.1 to 1.0 pound per 1000 gallons of water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE. When algae control is evident add 0.1 to 0.75 pound to 1000 gallons daily or as needed to maintain control.

CONTINUOUS FEED METHOD

INITIAL DOSE. When the system is noticeably fouled add 0.1 to 1.0 pound to 1000 gallons of water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE. Continuously feed at a rate of 0.1 to 0.75 pounds per day per 1000 gallons of system water.

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STORAGE AND DISPOSAL

STORAGE. Keep container tightly closed. Store in a dry place. Do not store at elevated temperatures.

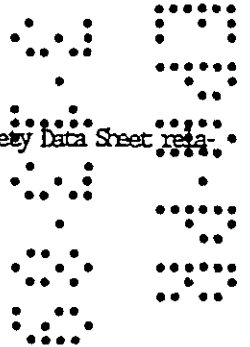
DISPOSAL. Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous and/or toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to the label instructions, contact your state pesticide or environmental control agent or the hazardous waste representative at the nearest EPA regional office for guidance.

METAL AND PLASTIC CONTAINERS. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate or burn, if allowed by State and local authorities. If burned, stay out of smoke.

FIBER DRUMS AND LINERS. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Then dispose of liner and drum in a sanitary landfill or incinerate if allowed by state and local authorities. Do not reuse empty drum or liner.

FOR INDUSTRIAL USE ONLY

Technical advice regarding specific on site problems are available from Lorza Inc. A Material Safety Data Sheet relative to the use of this product is also available upon request.



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DIRECTIONS FOR USE

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

RECIRCULATING
COOLING WATER SYSTEMS

Glybrom - 97.5 aids in the control of bacterial, fungal and algal slimes in recirculating cooling water systems servicing heat exchangers, evaporative condensers and other equipment requiring cooling. It is also effective in controlling various microbiological growth formations in influent systems such as lagoons or flow-through filter systems, industrial wet scrubber systems and brewery pasteurizers. This product may be added to the systems either continuously or intermittently or as needed. The frequency of feeding and duration of the treatment will depend upon the severity of the problem.

Badly fouled systems must be cleaned before treatment is begun.

FOR CONTROL OF BACTERIA AND FUNGI

INTERMITTENT OR SLUG METHOD

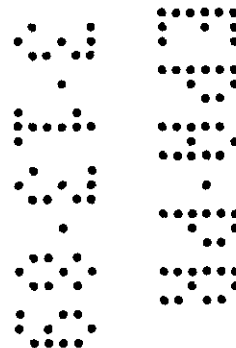
INITIAL DOSE. When the system is noticeably fouled add 0.1 to 1.0 lbs. to 1000 gallons of the water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE. When microbial control is evident add 0.1 to 0.75 pounds to 1000 gals. of water in the system every 3 days or as needed to maintain control.

CONTINUOUS FEED METHOD

INITIAL DOSE. When a system is noticeably fouled, add 0.1 to 1.0 pounds to 1000 gals. of water in the system.

SUBSEQUENT DOSE. Continuously feed at a rate of 0.1 to 0.75 pounds per day per 1000 gals. of system water.



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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS

DANGER

HARMFUL IF SWALLOWED. HIGHLY CORROSIVE. DO NOT TAKE INTERNALLY. Causes eye and skin damage. Irritating to nose and throat. Avoid breathing dust. Use with adequate ventilation. Do not get into eyes, on skin or clothing. Wear rubber gloves, chemical goggles and face shield when handling. Wash thoroughly after handling. Immediately remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds or public water unless in accordance with NPDES permit. For guidance contact your Regional Office of the EPA. Do not contaminate water by cleaning of container and equipment or disposal of wastes. Apply this pesticide only as specified on this label.

PHYSICAL AND CHEMICAL HAZARDS

CHEMICAL HAZARDS: STRONG OXIDIZING AGENT. Mix only with water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter, or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases and possible generation of fire and explosion. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air or well ventilated area. Flood with large volumes of water, if necessary.

