

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

6836-211

DATE OF ISSUANCE

10/1/76

TERM OF ISSUANCE

Conditional

NOTICE OF PESTICIDE: ☐ REGISTRATION
☐ REREGISTRATION

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

NAME OF PESTICIDE PRODUCT

Bromchlor G

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 endorsement 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 sec. 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; 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. 6836-211."

b. Add the sentence, "In case of decomposition of container, isolate the container if possible, and flood area with large amounts of water.", as a separate paragraph at the end of the "Pesticide Disposal" section of the label.

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.

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

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.

Sincerely,



Ruth G. Douglas
Product Manager (32)
Antimicrobial Program Branch
Registration Division (7505C)

) Enclosures

)

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 and goggles or face shield when handling. Wash thoroughly after handling. Immediately remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not contaminate water by cleaning of equipment or disposal of wastes. 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 this product to sewer systems without previously notifying the local sewage treatment authority. For guidance, contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS

CHEMICAL HAZARD: 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 or well-ventilated area. Flood with large volumes of water, if necessary.

KEEP CONTAINER TIGHTLY CLOSED
STORE IN A COOL, DRY PLACE
DO NOT STORE AT ELEVATED TEMPERATURES

BROMCHLOR G

**BROMINATING DISINFECTANT FOR
SWIMMING POOLS, SPAS
AND HOT TUBS**

Active Ingredients

1-bromo-3-chloro-5,5-dimethylhydantoin	90.0%
1,3-dibromo-5,5-dimethylhydantoin	9.0%
<u>Inert Ingredients</u>	<u>1.0%</u>
Total	100.0%

Available bromine	65.6%
Available chlorine	26.2%

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.

<u>EPA Registration No.</u>	6836
<u>EPA Establishment No.</u>	6836-PA-01
<u>Net Weight</u>	(as marked on container)

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

DIRECTIONS FOR USE

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

For Swimming Pools

To start up a new pool, open a pool for the season or convert from a chlorine based program, backflush or clean the filter, chemically balance the calcium hardness and alkalinity and adjust pH to 7.2-7.8. Superoxidize to obtain a residual of 10-20 ppm available bromine (5-10 ppm available chlorine) as determined by a suitable test kit. Swimming may begin when the bromine level drops below 6 ppm.

When the bromine level drops below 1-3 ppm, add 0.2-2.0 ounces of Bromchlor G per 1000 gallons daily or as needed to maintain 1-3 ppm available bromine. High temperatures, the presence of organic debris, increased bather use and other factors may require more frequent treatments. Add Bromchlor G to a suitable feeding device, adjusting the feeder in accordance with the manufacturer's instructions so as to maintain 1-3 ppm levels of available bromine. The pH of the water must be maintained between 7.2 and 7.6.

Superoxidation: Water soluble, non-filterable wastes can accumulate in pool water and cause dull or cloudy water and can stimulate algal growth. Superoxidation or superchlorination with a suitable oxidizing shock treatment should be done weekly or bi-weekly, after extremely heavy bather loads or heavy rain storms. Suitable oxidizing agents are those based on calcium hypochlorite, lithium hypochlorite, sodium hypochlorite or potassium peroxymonopersulfate.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

6 SEP 1984

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

6836-21

When used as directed, Bromchlor G will disinfect pool, spa and hot tub water, keeping it clean, clear and free of odor. Bromchlor G gives the effectiveness of chlorine without the chlorine odor.

Please follow National Spa and Pool Institute Standards standards for water changes.

For Spas and Hot Tubs

To start up a new spa, or one recently drained, clean all surfaces, backflush or clean the filter, chemically balance the calcium hardness and total alkalinity, treat for iron, copper and manganese if present, and adjust the pH to 7.4-7.6, prior to initiating treatment with Bromchlor G.

Place Bromchlor G in a suitable feeder. Adjust the feeder according to the manufacturers directions to maintain an active bromine level of 2-4 ppm in residential spas and 3-6 ppm in commercial spas. Use a reliable test kit for free bromine measurements.

Superoxidation: Water soluble, non-filterable wastes can accumulate in spa or hot tub water and cause dull or cloudy water and can stimulate algal growth. Superoxidation or superchlorination with a suitable oxidizing shock treatment should be done on a regular basis to remove these wastes and maintain clear sparkling water. Suitable oxidizing agents are those based on calcium hypochlorite, lithium hypochlorite, sodium hypochlorite or potassium peroxymonopersulfate.

DANGER: Do not mix this product in concentrated form with any other chemicals. Do not add other chemicals to the feeding device when using this product. A violent reaction leading to fire and/or explosion could result.

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STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Store in a well-ventilated area away from heat or open flame. Open dumping is prohibited. 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 of the nearest Regional Office of the EPA for guidance.

Container Disposal

Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or dispose by incineration.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

6 SEP 1984
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
amended for the pesticide
registered under EPA Reg. No.

0836-2