

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

10 FEB 1995

Alden Leeds, Inc.
55 Jacobus Ave.
So. Kearney, NJ 07032

Attn: Mark Visconti

Subject: Maxibrom Slow Dissolving Brominating Tablets for
Swimming Pools Spas & Hot Tubs
EPA Registration No. 7124-102,
Hydrobrom 3 Oz. Slow Dissolving Brominating Tablets
EPA Registration No. 7124-104
Your Submissions of August 2, 1994

The submissions noted above involving the addition of supplementary precautionary language to the subject product labels has been reviewed and the following comments apply.

- The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. A stamped copy is enclosed for your records. Five copies of the finished labeling which incorporate these comments must be submitted before releasing the product for shipment.

1. Revise the first part of the "Practical Treatment" section to read as follows: "Statement of Practical Treatment (First Aid): If Swallowed: Drink large quantities of water. Avoid alcohol. Do not induce vomiting. Get prompt medical attention. (For small children, give one oz. of water per pound of child).".

2. Revise the first sentence of the "Environmental Hazards" statement to "This product is toxic to fish and aquatic organisms.".

3. In the supplemental Precautionary Statements:

a. Revise the statement "Do not take advice from others." to read: "Do not take advice from others concerning the use of this product.".

CONCURRENCES

SYMBOL	7505C							
SURNAME	Leeds							
DATE	2-10-95							

b. Delete the statement "Do not experiment", or, you may qualify the statement with additional language such as "Do not experiment with this product beyond the use directions given on the product label for risk of potential serious harm."

If you should have any questions concerning this letter, you may call Robert Travaglini on (703) 305-6909.

Sincerely,



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

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ACCEPTED
with COMMENTS
in EPA Letter Dated:
10 FEB 1995

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

7124-102

MAXIBROM

Slow Dissolving
BROMINATING TABLETS
FOR SWIMMING POOLS
SPAS & HOT TUBS



BACTERICIDE - ALGAEICIDE - DISINFECTANT
NO CHLORINE ODOR

- NET WEIGHT 25 LBS.
- NET WEIGHT 45 LBS.
- NET WEIGHT 50 LBS.

ACTIVE INGREDIENT:
1-Bromo-3-chloro-5, 5-dimethylhydantoin.....92.5%
INERT INGREDIENTS:7.5%
Provides: 61% Available Bromine TOTAL 100%
 27% Available Chlorine

KEEP OUT

SEE FIRST ADDIT
BEFO

BEST AVAILABLE COPY

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MAXIBROM

Slow Dissolving
BROMINATING TABLETS FOR SWIMMING POOLS, SPAS & HOT TUBS
 BACTERICIDE - ALGAEICIDE - DISINFECTANT - NO CHLORINE ODOR

**PRECAUTIONARY STATEMENTS
 HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER: Corrosive. Causes eye and skin damage. Harmful or fatal if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Irritating to nose and throat. Avoid breathing dust. Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling.

PRACTICAL TREATMENT: If swallowed: Seek medical attention promptly. Do not induce vomiting. Do not drink alcohol. Drink at least 8 ounces of water (not to exceed 0.23 oz. per pound in a child).

If on skin: Remove contaminated clothing immediately. Brush off excess chemical and wash skin with large volumes of soap and water, flushing the skin with water for at least 15 minutes. If skin irritation develops, seek medical attention.

For eye contact: Irrigate eyes with large volumes of room temperature water for at least 15 minutes, then seek medical attention promptly.

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

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.

PHYSICAL AND CHEMICAL HAZARDS: Strong oxidizing agent. Mix only with water. Use clean, dry utensils and equipment. 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 and explosion. Contamination with moisture, organic matter or other chemicals may start a chemical reaction with generation of heat, hazardous gases and possible fire and explosion. In case of contamination or decomposition do not reuse container. If possible isolate container in open air or well ventilated area. If necessary, flood with large volumes of water.

**SPECIAL PRECAUTIONS
 PLEASE READ BEFORE OPENING CONTAINER**

PREVENTION OF PHYSICAL INJURY

1. This product emits a powerful chlorine/bromine gas. Do not open container indoors. Hold away from face when opening to avoid breathing fumes.
2. This product is dangerous when not used properly.

MISUSE MAY RESULT IN SERIOUS PERSONAL INJURY REQUIRING HOSPITALIZATION

RELATED COMPLICATIONS MAY LEAD TO DEATH

- Do not mix with any other chemicals
- Mixing with other chemicals may cause a violent and instantaneous chemical reaction.
- Do not add water to this product
- Do not add this product to water in a pail
- Do not take advice from others
- Do not experiment
- Follow label instructions exactly

PREVENTION OF PROPERTY DAMAGE: Contact between this product in its undissolved state and vinyl liners, painted surfaces or other property in or around the pool will result in permanent bleaching of the color.

**DIRECTIONS FOR USE
 FOR SWIMMING POOLS**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. When used as directed, these tablets are effective as a swimming pool water sanitizer and disinfectant. The filtration system should be in proper working order, the pH adjusted between 7.2 and 7.6, the total alkalinity maintained between 100 and 150 ppm, and the calcium hardness maintained between 150 to 300 ppm. A bromine or chlorine residual of 1.0 to 2.0 ppm must first be established in the pH adjusted pool. If this is accomplished with a granular hypochlorite product, follow use directions on that product's label. If the residual is established with these tablets in a brominator, use the brominator at the highest feed rate following manufacturer's recommendations. When the bromine residual reaches 1.0 to 2.0 ppm, adjust the feeder accordingly. To maintain a bromine residual, adjust the brominator feed rate to assure a constant treatment level of 1.0 to 3.0 ppm in residential pools and 3.0 to 5.0 ppm in commercial pools (normally, 30 to 180 grams of this product per 10,000 gallons daily). Each tablet weighs about 0.7 oz. (20 grams). Actual use rates will vary depending on organic load and environmental conditions. The regular use of a good test kit will determine if further adjustments are needed. Do not swim in the water if the bromine residual is above 8 ppm.

FOR SPAS & HOT TUBS

When used as directed, bromine tablets are effective as a spa and hot tub sanitizer and disinfectant. To keep spa and hot tub water sparkling clean and odor free, place bromine tablets in a feeder. Use three tablets per 100 gallons, or fraction of water to be treated. Add new tablets as needed to maintain an active bromine residual between 2 to 4 ppm in residential spas and 4 to 6 ppm in commercial spas. The feeder, filled with bromine tablets, should then be operated as per manufacturer's recommendations. Each bromine tablet weighs about 0.7 oz. (20 grams). The pump and filter should be operated for at least three hours every day. To conserve energy use the heater only when spa or hot tub is to be used. Do not heat water above 101 F. Keep the spa free of leaves and other debris. Backwash or clean the filter often. In heavily used commercial spas or hot tubs, drain and refill with fresh water every 4 days. In commercial spas or hot tubs with average use, drain and refill with fresh water every 8 days. Residential spas and hot tubs should be drained and refilled with fresh water every 60 days. Before refilling, clean the sides with a non-abrasive, low foaming cleaner and rinse thoroughly each time the spa or hot tub is drained. Keep pH between 7.2 and 7.6 and never allow to fall below 7.0. Maintain total alkalinity of 10-150 ppm and calcium hardness of 150 to 300 ppm at all times. Use a good test kit often to test bromine residual, pH, total alkalinity, and calcium hardness.

STORAGE AND DISPOSAL: Keep product dry in tightly closed original container when not in use. Store in a cool, dry, well ventilated area away from heat, open flames, sunlight, and other chemicals. Do not reuse empty container. Reuse empty container thoroughly with water and discard in trash.

ACCEPTED
 with COMMENTS
 in EPA Letter Data

EPA REG NO 7124-102
 EPA EST NO 7124-NJ-1

Manufactured by ALDEN LEEDS, INC.
 55 Jacobus Ave., So. Kearny, NJ 07032

10 FEB 1985

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act as
 amended by the pesticide
 registered under EPA Reg. No.
 7124-102

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