



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

EPA Reg. Number:

57787-24

Date of Issuance:

MAR 26 1997

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

ULTRA-BROM

Name and Address of Registrant (include ZIP Code):

Haviland Products, Inc.  
1855 Turner N.W.  
Grand Rapids, MI 49504

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) 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. Change the label by revising the EPA Registration Number to read, "EPA Reg. No. 57787-24".
3. Submit two copies of the revised final printed label for the record.

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.

Signature of Approving Official:

Date:

3/26/97

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The Confidential Statement of Formula (CSF) dated February 26, 1997 is in compliance with PR Notice 91-2, it agrees with the label and it is acceptable.

If you have any questions concerning this letter, please contact Zenobia Jones at (703) 308-6198.

Sincerely,



Robert S. Brennis  
Acting Product Manager (32)  
Antimicrobial Program Branch  
Registration Division (7505W)

KEEP OUT OF REACH OF CHILDREN

# DANGER

CORROSIVE AND STRONG OXIDIZER

## STATEMENT OF PRACTICAL TREATMENT (First Aid)

**If swallowed:** Drink promptly large quantities of water. Do not induce vomiting. Avoid alcohol. Call a physician immediately.

**If in eyes:** Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Get prompt medical attention.

**If on skin:** Brush off excess chemical and wash with soap and water for at least 15 minutes. If irritation persists, get medical attention.

**If inhaled:** Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. Get medical attention immediately.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

**USE WITH ADEQUATE VENTILATION  
WASH THOROUGHLY AFTER HANDLING**

See side panels for additional precautionary statements.

EPA Reg. No 8622-41-87767-EU EPA Est. No. 15298-IS-1

PACKAGED IN ISRAEL FOR:  
Hewland Consumer Products, Inc.  
Grand Rapids, MI 49504 U.S.A.  
Phone: (616) 361-2529

14122-R2

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# UltraBrom

## SLOW DISSOLVING BROMINATING TABLETS FOR POOL & SPA BACTERICIDE-ALGICIDE-DISINFECTANT NO CHLORINE ODOR

ACTIVE INGREDIENT: 1-Bromo-3-chloro-5,5-dimethylhydantoin ..... 92.5%  
INERT INGREDIENTS ..... 7.5%  
TOTAL ..... 100.0%

Provides: 61% Available Bromine 27% Available Chlorine

NET CONTENTS: 50 LBS (22.68 kg)

### PRECAUTIONS

HAZARD TO HUMANS

DANGER

CAUSES IRREVERSIBLE  
EYE CONTACT  
IRRITATION  
MAY BE

HAZARDOUS IF ABSORBED

Do not breathe dust or  
clothing. Prolonged or  
allergic reactions in some  
face shield or safety glasses.  
Wear a mask or pesticide  
and Health Administration  
Safety and Health. Wash  
handling. Remove contact

ENVIRONMENT

This product is toxic to fish  
effluent containing this product  
oceans, or other waters  
a National Pollutant Discharge  
the permitting authority.  
Do not discharge effluent  
without previously notifying  
guidance, contact your  
EPA. Do not contaminate  
of waste.

ACCEPTED

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#### CHEMICAL AND PHYSICAL HAZARDS

Strong oxidizer, mix with water only. Reaction with combustible organic materials, bases, moisture or with oxidizers may generate heat, hazardous gases and, possibly, fire or explosion. Do not add to dispensers or other equipment that is not dry and clean of any chemical residues. Does not burn but will decompose, from about 320°F (160°C), releasing toxic gases. Avoid contamination and dusting.

**KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE  
DO NOT SHARE WITH FOODS, FEEDS, DRUGS OR CLOTHING**

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**STORAGE:** Store in a dark, cool [below 60°F (15°C)], dry well-ventilated area, in well-closed original containers, away from energy sources, combustible organic materials, oxidizers, strong bases and moisture.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or waste is a violation of Federal Law. If these wastes cannot be disposed of by use according to local regulations, 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 by incineration, if allowed by state and local authorities, by burning, if burned, stay out of smoke.

**SPILLS:** When handling or dealing with spills, use impervious goggles with side shields, or face shields; body-covering clothes, including impervious rubber or plastic gloves and boots; use a dust respirator if dusting occurs. Sweep up dry spills and dispose of as described for container disposal. If drum contents are contaminated or decomposing, do not reuse container; isolate unsealed drum in the open or in a well-ventilated area; foot with large volumes of water if necessary.

**IN CASE OF FIRE:** Do not use ammonia phosphate extinguishers near water and UltraBrom. Hazardous reactions may occur.

**DO NOT SMOKE, DRINK OR EAT WHEN HANDLING.**

#### DIRECTIONS FOR USE

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

UltraBrom is a safe and effective slow dissolving bromine and disinfectant. Use the dosages recommended below as a guide in determining the proper amount of UltraBrom necessary to maintain your pool or spa, sparkling clean and inviting. Keep pH between 7.2 and 7.6 and never allow to fall below 7.0.

The dosage necessary for your pool or spa will change considerably depending upon those factors that burden the disinfection system. Some of the factors that will vary the required dosages are water temperature, bather load, exposure to windblown debris, trander or rain storms and length of filtration cycle.

**SPARKLING POOLS:** In newly filled pools, shock the pool if necessary. Follow directions for use on this label to establish an effective active bromine residual of between 2 and 3 ppm. Test water frequently using a reliable bromine test kit. Adjust the flow rate through the brominator if necessary, to maintain the active bromine residual. The following dosages are provided as a general rule of thumb. Automatic and floating brominators have use instructions peculiar to their design. Frequently a brominator must be filled to capacity every week - while the adjustments allow the user to encode only the total amount of UltraBrom necessary for proper sanitation. As suggested below, the slow dissolving nature of the chemical combined with the design features of the brominator require that a greater amount of chemical be exposed to the water.

**RESIDENTIAL:** Add 17 tablets per 10,000 gallons every 5-7 days or as needed to maintain a bromine residual of 2-3 ppm at all times. Apply weekly dose through the use of a floating tablet feeder such as the Multi-Chlor or an automatic brominator which will allow you to adjust the amount of bromine entering the water.

**COMMERCIAL:** Add 31 tablets per 10,000 gallons every 5-7 days or as needed to maintain an active bromine residual of between 3 and 5 ppm at all times.

#### Pool Gallon Calculator (all dimensions in feet)

Square or Rectangular: Length x Width x Average Depth x 7.5 = Gallons  
Round or Oval: Length x Width x Average Depth x 5.9 = Gallons  
Each tablet weighs 0.70 oz. (19.8 grams)

**SPAS AND HOT TUBS:** Introduce 3 tablets per 300 gallons of spa water with the use of a floating tablet feeder or automatic brominator installed on the spa equipment. Adjust tablet feeder or brominator to obtain an active

bromine residual of at least 2 ppm. Maintain spa by adding 3 tablets per 300 gallons every 5-7 days or as needed to maintain an active bromine residual of 2 ppm at all times. Spa water has a tendency to foam and cloud that is directly proportional to the amount of use it receives. This is due to the accumulation of body fats and oils and contaminants too small for the filtration equipment to remove, and to the rapid escalation of total dissolved solids in the water. To a great extent, defoamer, defoater, shock treatments and clarifiers or sequestering agents can be used to clear the water. When this becomes impossible, draining, cleaning, and refilling the spa will be the most satisfactory way of solving this problem.

#### Spa Gallon Calculator (all dimensions in feet)

Square or Rectangular: Length x Width x Average Depth x 7.5 = Gallons  
Round or Oval: Length x Width x Average Depth x 5.9 = Gallons  
Each tablet weighs 0.70 oz. (19.8 grams)

**SPECIAL PRECAUTIONS, PLEASE READ BEFORE OPENING CONTAINER  
MISUSE MAY RESULT IN SERIOUS PERSONAL INJURY REQUIRING  
HOSPITALIZATION. RELATED COMPLICATIONS MAY LEAD TO DEATH**

#### PREVENTION OF PHYSICAL INJURY:

1. This product emits a powerful bromine gas. Do not open container lids. Hold away from face when opening to avoid breathing fumes.
2. 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 pool.
3. Follow label instructions exactly. Do not take advice from others. Do not experiment.

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

#### WARRANTY

Seller warrants that this product conforms to its chemical description and as presented in the purposes stated on the label, when used in accordance with label directions under normal conditions of use, but makes no warranty for any other use or for any other property damage. SELLER'S LIABILITY OR FITNESS FOR A PARTICULAR PURPOSE, expense, or implied, extends to the use of this product contrary to label directions, or under abnormal conditions, or under conditions not necessarily foreseeable to Seller, and Seller disclaims the test of any such use.

ACCEPTED

MAR 26 1997

and  
conditioned for the  
SALES No. 57787-24

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