



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

88346-8

Date of Issuance:

12/01/16

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Pooline Brominating Tablets

Name and Address of Registrant (include ZIP Code):

Tianjin Pool & Spa Corporation  
2701 Garfield Avenue  
Commerce, CA 90040

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials 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 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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

Signature of Approving Official:

Demson Fuller, Product Manager 32  
Regulatory Management Branch II,  
Antimicrobials Division (7510P)

Date:

12/01/16

3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 88346-8.”
4. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 05/02/2016

If you have any questions, please contact Wanda Henson by phone at (703) 308-6345 or via email at [henson.wanda@epa.gov](mailto:henson.wanda@epa.gov)

Sincerely,



Demson Fuller, Product Manager 32  
Regulatory Management Branch II  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure

# Pooline Brominating Tablets

## Slow Dissolving Brominating Tablet for Pool & Spa

### ACTIVE INGREDIENT:

Bromochlorodimethylhydantoin .....98%

OTHER INGREDIENTS.....2%

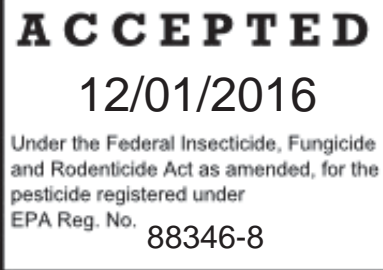
TOTAL.....100%

Available Bromine: 64.9% Available Chlorine: 29%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**CORROSIVE AND STRONG OXIDIZER**



### FIRST AID

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice.

**If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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

In case of emergency call 1-800-535-5053.

Manufactured by  
Tianjin Pool & Spa Corporation  
2701 Garfield Avenue  
Commerce, CA 90040, USA

EPA Registration No. 88346-I

EPA Establishment No. 74815-IND-001

Net weight:

## STORAGE AND DISPOSAL

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

**Storage:** Store in a dark, cool (below 86°F (30°C)), dry well ventilated area, in well closed original containers away from energy sources, combustible organic materials; oxidizers, strong bases and moisture. Keep container tightly closed when not in use. Do not ship with food, feed, drugs or clothing.

**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. Disposal instructions: Call your local solid waste agency or 1-800-CLEANUP (253-2687) for proper disposal of empty containers and unused product.

**Spills:** When handling or dealing with spills, use impact-resistant goggles with side shields, or face shield; 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 pesticide disposal. If drum contents are contaminated or decomposing, do not reseal container; isolate unsealed drum in the open or in a well ventilated area; flood with large volumes of water if necessary.

**In Case of Fire:** Do not use ammonium phosphate extinguisher near water and Pooline Brominating Tablets. Hazardous reactions may occur.

**Container Handling:** Non-refillable container. Do not reuse this drum to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state.



## PRECAUTIONARY STATEMENTS

### HAZARD TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes irreversible eye damage and skin burns. Eye contact may cause loss of vision. Harmful if inhaled. Irritating to nose and throat. Harmful if absorbed through skin or swallowed. Users must wear chemical-resistant gloves while placing the tablet in the swimming pool/spas. Avoid breathing dust or spray mist. Do not get in eyes, or skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear goggles with side-shields, face shield or safety glasses; protective clothing and chemical-resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

## **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, ponds, streams, 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of waste.

## **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 possible fire or explosion. Do not add to dispensers or other equipment that is not dry and clean of any chemical remnants. Does not burn, but will decompose, from about 320°F (160°C) releasing toxic gases. Avoid comminution and dusting. 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.

Pooline Brominating Tablets is an effective slow dissolving bactericide, algicide and disinfectant. Use the dosages recommended below as a guide in determining the proper amount of Pooline Brominating Tablets necessary to keep your pool 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 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, thunder or rain storms, and length of filtration cycle.

**Swimming 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 erode only the total amount of Pooline Brominating Tablets 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 of water 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 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 of water every 5-6 days or as needed to maintain a bromine residual of 3-5 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 filter or automatic brominator installed on the spa equipment. Adjust tablet feeder or brominator to obtain an active bromine residual of 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; this is directly proportional to the amount of spa use. Cloudiness is due to the accumulation of body fats, oils and contaminants too small for the filtration equipment to remove, and is linked to the rapid escalation of the total dissolved solids in the water. To a great extent, defoamers, clarifiers, as well as shock treatments, demineralizers, 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 to solving this problem. Spa and hot tub water must be changed every 60 days.

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

**Prevention of Physical Injury:**

1. This product emits a powerful bromine gas. Do not open container indoors. 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 pail.
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 liners/painted surfaces or other property in or around the spa will result in permanent bleaching of the color.

**WARRANTY**

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with label directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.