

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

AUG 11 2010

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

Joel S. Schwartz Regulatory Manager OxyChem 520 Monsanto Avenue Sauget, IL 62206

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Subject: Towerbrom® 90M Tablets EPA Reg. No. 935-75 Application Dated: July 12, 2010 Receipt Date: July 14, 2010

Dear Mr. Schwartz:

The following notification submitted in connection with registration under the provisions of PR Notice 98-10, Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)9 is acceptable.

#### **Proposed Notification:**

Correction of typographical errors "Inert" and "Swallowed"

#### **Comments:**

Based on a review of the material submitted, the following comments apply:

This application for notification to revise the product label, as referenced above, is acceptable. A copy has been placed in our records for future reference.

Should you have any questions concerning this letter, please contact me at <u>Henson.Wanda@epa.gov</u> or call (703) 308-6345.

Sincerely,

Wanda Henson Acting Product Manager (32) Regulatory Management Branch II Antimicrobials Division (7510P)

Please road instructions on re	verse before completi	ina form.			Form Appr	oved	OMB No. 2070	-0060	-Print Form
	ur Environmental	nited States	-	ncy		×	Registration Amendme Other	วก่	OPP Identifier Number
		Applicatio	n for F	esticio	ie - Seci	tion		·····	
. Company/Product Number Occidental Chemical Corpo	oration / 935-75		<b>2. EPA Product Manager</b> E. Mitchell			3. Proposed Classification			
. Company/Product (Name) Towerbrom® 90M Tablets				PM# 32			X None Restricte		
5. Name and Address of Appl Occidental Chemical Corp 520 Monsanto avenue Sauget, IL 62206		16)	Ð	(b)(i), m to: EPA F	iy product i leg. No	is sim		l in co	FIFRA Section 3(c)(3) mposition and labeling
			<b>5</b> 00	Produ	ct Name _				
Amendment - Explain Resubmission in respo Notification - Explain b	onse to Agency letter (	dated		-	Final printed Agency lett "Me Too" A Other - Exp	ter dat Applice	tion.	)	
See attached page for cert Fee determination: Fee Ca jsschw@solutia.com		able	Sect	ion - I					
1. Material This Product Will	Be Packaged In:								
Child-Resistent Packeging Yes* No * Certification must be submitted	Unit Packaging Yes No If "Yes" Unit Packaging wgt.	No. per conteiner	Water	Yes No	ackaging No. per containe	r		ntainer Vetal Plastic Glass Paper Other (S	pecifγ)
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1. Contact Point <i>(Complete items directly below for identificati</i> Name Joel S. Schwartz		or identificatio	ion of individual to be contacted, if necessary, to pr Title Regulatory Manager			Т	cess this application.) Telephone No. (Include Area Code (618)482-6447		
l certify that the staten I acknowledge that any both under applicable I	y knowingly false or n		ali attach			-	-		6. Dete Application Received (Scamped)
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2. Signature Joul &, & A	in f		Regulat	ory Mana	ager		د ر ر	د ر د ر د	د د د د د د ب د د د د

#### Notification Certification

EPA Registration No.:

935-75

Product Name:

Company:

Towerbrom® 90M Tablets

Occidental Chemical Corporation 520 Monsanto Avenue Sauget, IL 62206

Notification of typographical error per PR Notice 98-10.

This notification is consistent with the guidance in PR Notice 98-10 and EPA regulations at 40 CFR 152.46. No other changes have been made to the labeling or Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Signature Jord S. S. S.

Printed Name: Joel S. Schwartz Title: Regulatory Manager Date: July 12, 2010

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Joel S. Schwartz Regulatory Manager ACL<sup>®</sup> Isocyanurates

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July 12, 2010

Document Processing Desk (NOTIF) Office of Pesticide Programs (7504P) United States Environmental Protection Agency Room S-4900, One Potomac Yard 2777 South Crystal Drive Arlington, VA 22202-4501

# Re: Towerbrom® 90M Tablets EPA Reg. No. 935-75

Dear Sir:

Please process the enclosed notification for the above referenced product. The purpose of this notification is to correct two typographical errors that were made when updating the label for the Pesticide Container Rule under Storage and Disposal per PR Notice 2007-4.

Enclosed you will find:

- *Application for Pesticide*, EPA Form 8570-1;
- Notification Certification Statement; and
- Proposed label with changes marked.

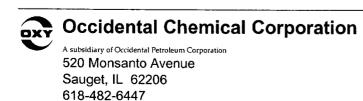
Should you have questions regarding this registration notification application, please give me a call at the number indicated below or you may email me at jsschw@solutia.com.

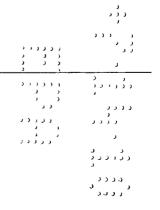
Sincerely,

Joel S. S.h.

Joel S. Schwartz

Enclosures





	n brackets [xxx] is optionaránd may or may not be included on a final laber.,-/ n braces {xxx} is administrative and will not appear on a final label.}	NOTIFICATION / 2011
	OxyChem <sup>®</sup>	Date Reviewed By: [1] [44407
	TOWERBROM <sup>®</sup> 90M TAB	LETS
011	ACTIVE INGREDIENT: Trichloro-s-triazinetrione	02.0 %
8	Sodium Bromide	6.9 %
{	(INERT) INGREDIENTS TOTAL	····
(	Provides 83% Available Chlorine	
	Provides 187% Available Bromine	

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When used as directed, this product is a high performance bromine microbiocide which will control organic slimes of algae, bacteria and fungi when in accordance with the Directions for Use.

# **KEEP OUT OF REACH OF CHILDREN**

# DANGER

	FIRST AID
If in eyes	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed	<ul> <li>Call poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
If inhaled	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
If on skin or clothing	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
	HOT LINE NUMBER
	ct container or label with you when calling a poison control center or doctor, or going for may also contact <b>1-800-733-3665</b> for 24 hour emergency medical treatment information.
	NOTE TO PHYSICIAN
	Probable mucosal damage may contraindicate the use of gastric lavage.

See side panel for Directions for Use.

EPA Reg. No. EPA Est. No.		<b>Occidental Chemical Corporation</b> P.O. Box 809050; Dallas, Texas 7538			
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	HMIS Rating System: Health 3	Flammability 0 Reactivity 2.	י הרה הפטנינים ברה ה		
	Net Wt.	_lbs. / kg.	ې د		

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#### PRECAUTIONARY STATEMENTS

#### HAZARD TO HUMANS AND DOMESTIC ANIMALS

#### DANGER

**CORROSIVE**: Causes irreversible eye damage and skin burns. May be fatal if wallowed Harmful if absorbed through skin or inhaled. Do not get in eyes, on skin, or on clothing. Avoid breathing dust. Wear goggles or face shield. Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse.

#### **ENVIRONMENTAL HAZARD**

This pesticide is toxic to fish and aquatic organisms. 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 OR CHEMICAL HAZARD

**STRONG OXIDIZING AGENT.** Contact with water slowly liberates irritating and hazardous chlorine and bromine containing gases. Decomposes at temperatures above 437°F with liberation of harmful gases. When ignited, will burn with the evolution of chlorine and equally toxic gases.

**ALWAYS** add product to large quantities of 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 material, or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases, and possible fire and explosion.

When shock feeding, product should not sit in stagnant water after the feeder shuts off. Purge the feeder with a minimal air or water flow between shock treatments.

**IN CASE OF FIRE OR SMOKE:** Call the fire department. Do not attempt to extinguish the fire without a self contained breathing apparatus (SCBA). Do not let the fire burn. **Flood with copious amounts of water. DO NOT** use ABC or other dry chemical extinguishers since there is the potential for a violent reaction.

**IN CASE OF CONTAMINATION OR DECOMPOSITION**: Do not reseal container. Follow disposal instructions on label.

#### **DIRECTIONS FOR USE**

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

# FOR CONTROL OF BACTERIA, FUNGI AND ALGAE IN RECIRCULATING WATER SYSTEMS, SEWAGE WASTEWATER SYSTEMS, PULP AND PAPER MILL WATER SYSTEMS AND ONCE THROUGH WATER SYSTEMS

#### FOR RECIRCULATING WATER SYSTEMS

This product is intended for use in the following aquatic sites: Air Washer Water Systems, Commercial/Industrial Water Cooling Systems, Evaporative Condenser Water Systems, Ornamental Ponds and Aquaria, Heat Exchange Water Systems, Lakes/Ponds/Reservoirs (Without Human or Wildlife Use), Industrial Scrubbing Systems, Industrial Auxiliary Water Systems, Industrial Process Water, Industrial Disposal Systems, Pasteurizer/Warmer/Cannery Cooling Water Systems.

This product may be added to the system continuously or intermittently as needed with a wide variety of tablet dissolving devices (feeders, bags, buckets, etc.) or by direct placement into the water at a point where the product will be uniformly mixed with water. The frequency of feeding and duration of the treatment will depend on the severity of the contamination. Badly fouled systems must be cleaned before treatment begins.

#### Intermittent or slug method

INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.1 to 0.5 pounds per 1000 gallons (12 to 60 grams per 1000 liters) in the system to achieve 0.5-10 mg/L total available halogen as chlorine, as measured by a suitable test kit. Repeat dosage until residual is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.02 to 0.1 pounds per 1000 gallons (2.4 to 12 grams per 1000 liters) in the system to achieve 0.5-1 mg/L total available halogen as chlorine, as measured by a suitable test kit. Repeat periodically as needed to maintain control.

#### Continuous feed method

INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.1 to 0.5 pounds per 1000 gallons (12 to 60 grams per 1000 liters) in the system to achieve 0.5-10 mg/L total available halogen as chlorine, as measured by a suitable test kit. Repeat dosage until residual is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.02 to 0.1 pounds per day per 1000 gallons (2.4 to 12 grams per day per 1000 liters) in the system to maintain 0.5-1 mg/L total available halogen as chlorine, as measured by a suitable test kit.

# FOR SEWAGE WASTEWATER SYSTEMS

This product is intended for use in sewage wastewater systems. This product provides rapid disinfection of primary, secondary and tertiary wastewater treatment systems.

DOSE RATE: Add this product at the rate of 0.02 to 0.5 pounds per 1000 gallons (2.4 to 60 grams per 1000 liters) in the system to achieve 0.2-3 mg/L total available halogen as chlorine, as measured by a suitable test kit, at the injection point in the disinfection contact chamber. Adjust the dosage to achieve disinfection and minimize the halogen concentration at the exit of the contact chamber.

# FOR PULP AND PAPER MILL WATER SYSTEMS

This product is intended for use in pulp and paper mill water systems.

INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.04 to 2 pounds per ton (0.02 to 1.0 kg. per metric ton) of dry pulp or paper produced to achieve 0.1-5 mg/L total available halogen as chlorine, as measured by a suitable test kit, in the water treated. Repeat dosage until residual is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.04 to 1.0 pounds per ton (0.02 to 0.5 kg. per metric ton) of dry pulp or paper produced to achieve 0.1-5 mg/L total available halogen as chlorine, as measured by a suitable test kit, in the water treated. Repeat periodically as needed to maintain control.

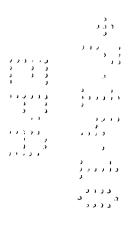
# FOR ONCE-THROUGH WATER SYSTEMS

This product is intended for use in open or closed cycle, fresh or salt water, once-through cooling systems.

INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of

0.02 to 0.5 pounds per 1000 gallons (2.4 to 60 grams per 1000 liters) of water treated to achieve 0.2-10 mg/L total available halogen as chlorine, as measured by a suitable test kit, through the portion of the system to be treated. Repeat dosage until residual is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.02 to 0.1 pounds per 1000 gallons (2.4 to 12 grams per 1000 liters) of water treated to achieve 0.2-5 mg/L total available halogen as chlorine, as measured by a suitable test kit, through the portion of the system to be treated. Repeat periodically as needed to maintain control.



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# **AQUATIC NON-FOOD RESIDENTIAL**

# SWIMMING POOL WATER SYSTEMS

This product is intended for use in controlling bacteria and algae in indoor swimming pools. This product <u>should not be</u> used in outdoor swimming pools. This slow dissolving product is to be used in suitable brominating/chlorinating devices. DO NOT add directly to the swimming pool.

Re-entry into treated swimming pools is prohibited above levels of 6 ppm available bromine (3 ppm as chlorine).

**Start up** - Before using this product, make sure that the filtration system is clean and operating properly. Adjust the pH of the water to the range of 7.2-7.6 using suitable products and a reliable test kit. Adjust the alkalinity of the water to a minimum of 125 ppm (mg/L), based on the test kit reading.

Shock (superchlorinate) the pool with an appropriate product, followed by maintenance treatment.

<u>Shock treatment</u> - The pool water should be superchlorinated or shocked every seven days or whenever the *combined* chlorine level is above 0.5 ppm (mg/L). *Combined* chlorine is the difference between *total* and *free* chlorine, as measured by a suitable test kit.

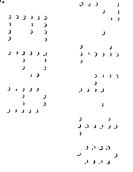
Add a sufficient amount of an appropriate *shock* product directly to the surface of circulating water to raise the available chlorine level to 5-6 ppm (mg/L), based on test kit readings. For example, the addition of 10 ounces of sodium dichloro-s-triazinetrione per 10,000 gallons of water (7.5 grams per 1,000 liters) will provide approximately 5 ppm (mg/L) of available chlorine. If the combined chlorine reading is not below 0.5 ppm (mg/L) and the water has not been restored to its normal clarity, repeat the shock treatment described above.

Do not enter water until free available chlorine reading is below 3 ppm (mg/L), combined chlorine is below 0.5 ppm (mg/L) and the water is restored to its normal clarity.

**Maintenance treatment** - Add this product to the feeder (brominating or chlorinating device). Adjust the feeder to maintain the free available bromine level in the water at 2-6 ppm (mg/L) (1-3 ppm as chlorine) as indicated by a reliable bromine or chlorine test kit. Periodically refill feeding device with enough tablets to assure a constant treatment level of 2-6 ppm (mg/L) available bromine. Weather and usage effect sanitizer levels. In addition, some oils, lotions, fragrances, cleaners, etc. may cause foaming or cloudy water as well as reduce the efficiency of this product. Maintain the pH at 7.2-7.6 and the alkalinity at a minimum of 125 ppm (mg/L).

When the total dissolved solid (TDS) reaches 3000 ppm (mg/L) or whenever the water becomes difficult to manage, the water should be drained and fresh water added to the pool.

**Winterizing** - Thoroughly clean and vacuum the pool. Empty the feeder of all tablets. While the water is still clear and clean, add 16 ounces of an appropriate *shock* product for each 10,000 gallons of water (12 grams per 1,000 liters), while the filtration system is running. This will increase the available bromine by approximately 16 ppm (mg/L) (8 ppm as chlorine). Cover pool, prepare heater, filter and heater components for winter by following manufacturers' instructions.



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

**STORAGE:** Keep material dry and in a dry area. Store in original container where temperatures do not exceed 125°F (52°C) for 24 hours. Keep container tightly closed.

**PESTICIDE DISPOSAL:** Pesticide wastes are 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 label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. The preferred disposal methods are incineration or chemical treatment in accordance with Federal, State and Local regulations.

DO NOT put product, spilled product, or filled or partially filled containers into the trash or waste compactor. Contact with incompatible materials could cause a reaction and fire. DO NOT transport wet or damp material.

{Text for bulk bags}

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then offer for recycling if available or reconditioning if appropriate or, dispose of empty bag in a sanitary landfill or by incineration.

{Text for bulk bin}

**CONTAINER DISPOSAL:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

To clean the container before final disposal pressure rinse as follows: Empty the remaining contents into application equipment or mix tank. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the top of the container, rinse at 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drop. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

{Text for fiber drum with liner}

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then offer for recycling if available or dispose of liner in a sanitary landfill or by incineration. If drum is contaminated and cannot be reused, dispose of it in the same manner required for its liner.

, <u>,</u> ,

{Text for plastic container}

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container, Triple rinse i container (or equivalent) promptly after emptying. Then offer for recycling, if available or puncture and dispose of in a sanitary landfill, or by incineration.

11 11 • • {Text for household or residential use products} CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Then offer for recycling, if available or puncture and dispose of in a sanitary landfill, or by incineration.

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