UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

October 30, 2018

Kindra Levels
Product Stewardship Specialist
Occidental Chemical Corporation
P.O. Box 809050
Dallas, TX 75380

Subject: Label Amendment – Revised Precautionary Language, First Aid, Storage and Disposal, and other Minor Changes
Product Name: Towerbrom 60M Granules
EPA Registration Number: 935-71
Application Date: July 23, 2018
Decision Number: 543712

Dear Ms. Levels:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Wanda Henson by phone at (703) 308-6345, or via email at henson.wanda@epa.gov

Sincerely,

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

Enclosure

{All text in brackets [xxx] is optional and may or may not be included on a final label.}
{All text in braces {xxx} is administrative and will not appear on a final label.}

OxyChem®

Towerbrom® 60M Granules

ACTIVE INGREDIENT:	
Sodium Dichloro-s-triazinetrione…….....	90 %
Sodium Bromide……	7 %
OTHER INGREDIENTS.....	3 %
TOTAL…….……..…	100 %

Provides 57% Available Chlorine
Provides 128% Available Bromine

This product is a high performance bromine microbiocide which aids in the control of organic slimes of algae, bacteria and fungi when used in accordance with the Directions for Use.

KEEP OUT OF REACH OF CHILDREN

DANGER

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 by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If swallowed	• Call 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact **1-800-733-3665** 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. 935-71
EPA Est. No. 58401-IL-1

Occidental Chemical Corporation
P.O. Box 809050; Dallas, Texas 75380
972-404-3800

HMIS Rating System: Health 3 Flammability 0 Reactivity 2

Net Wt. ___ lbs. / ___ kg.
Lot No. _____

ACCEPTED
10/30/2018
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 935-71

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER

DANGER: CORROSIVE. Causes irreversible eye damage. Causes skin irritation. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin, or on clothing. Avoid breathing dust. Wear goggles or face shield when handling this product. 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 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 464°F with liberation of harmful gases. When ignited, will burn with the evolution of chlorine and equally toxic gases.

NEVER add water to product. 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. **DO NOT** add this product to a tablet feeder. Use a pot or shock feeder for granules only if high water flow rates can be assured. Mixtures of this product with 10-50% water in a confined space may result in destructive over pressurization.

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, Heat Exchange Water Systems, Industrial Scrubbing Systems, Industrial Auxiliary Water Systems, Industrial Process Water, Industrial Waste Disposal Systems, Pasteurizer/Warmer/Cannery Cooling Water Systems,*[Ornamental Ponds/Aquaria and Lakes/Ponds/Reservoirs (Without Human or Wildlife Use)].

*In New York State for use in containerized waters with no outflow to the natural environment.

This product may be added to the system 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 0.15 to 0.75 pounds per 1000 gallons (18 to 90 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 0.03 to 0.15 pounds per 1000 gallons (3.6 to 18 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 0.15 to 0.75 pounds per 1000 gallons (18 to 90 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 0.03 to 0.15 pounds per day per 1000 gallons (3.6 to 18 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 0.03 to 0.75 pounds per 1000 gallons (3.6 to 90 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 0.06 to 3.0 pounds per ton (0.03 to 1.5 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 dosage until residual is achieved.

Subsequent Dose: When microbial control is evident, add this product at the rate of 0.06 to 2.0 pounds per ton (0.03 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 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 0.03 to 0.75 pounds per 1000 gallons (3.6 to 90 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, in the water treated. Repeat dosage until residual is achieved.

Subsequent Dose: When microbial control is evident, add this product at the rate of 0.03 to 0.15 pounds per 1000 gallons (3.6 to 18 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, in the water treated. Repeat periodically as needed to maintain control.

Towerbrom 60M Granules is a preservative which effectively inhibits the growth of microorganisms in aqueous systems, including paints, emulsions, adhesives, pigment dispersions and joint compounds.

Typical Use Levels - Laboratory testing shows the product to be effective in the range of 0.0125% - 0.4% (125ppm - 4,000ppm). These ranges are based on the total formulation weight. The exact amount of any given formulation will depend on components, storage time, etc.; and can be determined by actual testing.

Recommended Use Levels

Paints - The following concentrations must be used to inhibit in-can microbiological degradation of water based paint systems. The concentrations are based on the total paint formulation weight and should be incorporated into the make-up water during the grind.

Interior Paint Type	Percent Concentration
Vinyl Acrylic	0.05% - 0.2%
Acrylic	0.05% - 0.2%
PVA	0.05% - 0.2%

Emulsions - The following concentrations must be used to inhibit in-can microbiological degradation of water based emulsion systems. The concentrations are based on the total emulsion formulation weight and should be added using moderate agitation immediately following the cool-down of the emulsions and prior to pumping to storage tanks.

Emulsion Type	Percent Concentration
Vinyl Acetate	0.0125% - 0.4%
Vinyl Acrylic	0.0125% - 0.4%
100% Acrylic	0.0125% - 0.4%

Adhesives - The following concentrations must be used to inhibit in-can microbiological degradation of water based adhesive systems. The concentrations are based on the total adhesive formulation weight and should be incorporated with agitation to the make-up water; however, where the adhesive is heated, the product should be added during the cool-down cycle.

Adhesive Type	Percent Concentration
Clay based	0.0125% - 0.4%
Starch based	0.0125% - 0.4%
Dextrin	0.0125% - 0.4%
Casein	0.0125% - 0.4%
Polyvinyl	0.0125% - 0.4%
Acrylic	0.0125% - 0.4%

Pigment Dispersions - The following concentrations must be used to inhibit in-can microbiological degradation of water based dispersion pigment systems. The concentrations are based on the total dispersion pigment formulation weight and should be added using moderate agitation immediately following the cool-down of the dispersion pigment and prior to pumping to storage tanks.

Pigment Type	Percent Concentration
TiO2	0.025% - 0.4%
CaCO3	0.05% - 0.4%
Clay	0.05% - 0.4%

Joint Compounds - The following concentrations must be used to inhibit in-can microbiological degradation of water based joint compound systems. The concentrations are based on the total joint compound formulation weight and should be added with agitation to the make-up water blend at 0.025% - 0.4%.

STORAGE AND DISPOSAL

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 bins, refillable containers, or tanks }

CONTAINER DISPOSAL: Refillable container. Refill this container with [Towerbrom® 60M Granules] [*Supplemental registrant product name*] [pesticide] only. Do not reuse this container for any other purpose.

Cleaning [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.

{Text for plastic containers less than or equal to 5 gallons without liner}

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or

puncture and dispose of in a sanitary landfill or by incineration.

{Text for plastic containers greater than 5 gallons without liner}

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closure. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

{Text for plastic containers greater than 5 gallons 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. For outer container triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closure. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.