

748-309

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

January 24, 2011

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

J. Michael Kelley, PhD
PPG Industries, Inc
One PPG Place, Pittsburgh., PA, CA 15272

Subject: VersaChlor™ System Chlorinating Tablets
EPA Registration No. 748-309
Application Dated: November 30, 2010
Receipt Dated: December 3, 2010

Dear Dr. Kelley:

This acknowledges the receipt of your Amendment application dated November 30, 2010 in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended. The submitted amendment to include directions for use in spas for VersaChlor™ System Chlorinating Tablets (EPA Reg#748-309), is acceptable.

Proposed Amendments

Separate Direction for Use for Spas/Hot-tubs application.

General Comments

Based on the review of the material submitted, the amended label for VersaChlor™ System Chlorinating Tablets (EPA Reg#. 748-309), is acceptable. Please submit one copy of your final printed label/labeling before distributing or selling the product bearing the revised label/labeling.

This amendment, an accepted stamped label, and a copy of this letter have been inserted in your file for future reference

If you have any questions or comments concerning this letter, please contact liem.david@epa.gov or call (703) 305-1285.

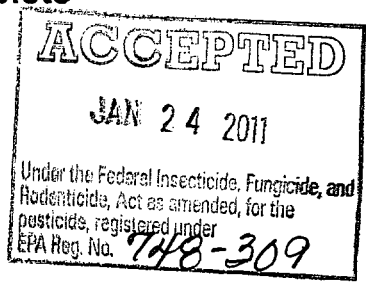
Sincerely,

Wanda Y. Henson
Acting Product Manager - Team 32

Consumer Management Branch II
Antimicrobial Division (7510P)

| | | | | | | | |
|---------|--|-----------|--|--|--|--|--|
| SYMBOL | | 7510P | | | | | |
| SURNAME | | W. Henson | | | | | |
| DATE | | 2-1-11 | | | | | |

VersaChlor™ System Chlorinating Tablets With Anti-Scale Additive For Commercial Pools and Spas



EPA Reg. No. 748-309
EPA Est. No. 58401-IL-1

| | |
|-------------------------------------|-----|
| ACTIVE INGREDIENT: | |
| Calcium Hypochlorite | 68% |
| OTHER INGREDIENTS: 32% | |
| TOTAL: 100% | |
| Minimum 65% Available Chlorine | |

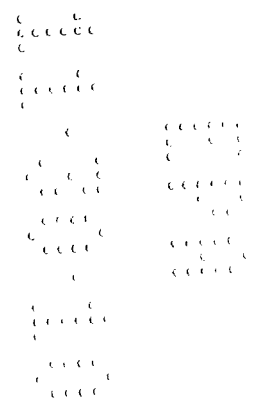
KEEP OUT OF REACH OF CHILDREN DANGER

Do not mix VersaChlor™ System Chlorinating Tablets with any other chemicals, including any other pool chemicals of any kind.
 Mixing with other chemicals could cause a fire or explosion.
 Always add product to large quantities of water to fully dissolve product.
 Do not pour water into product, always add product to water
 Do not use VersaChlor™ System Chlorinating Tablets with stabilized chlorine or bromine tablet chemical feeders.
 See additional precautionary statements on back label.

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 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. **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. **Note to physician**, probable mucosal damage may contraindicate the use of gastric lavage.
Contact 1-412-434-4515 or your poison control center for 24-hour emergency medical treatment information. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Manufactured by
 PPG INDUSTRIES, INC.
 One PPG Place
 Pittsburgh, PA 15272
 Emergency Telephone Number: 1-412-434-4515

NET WT. xx lbs. (xx Kgs.)



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

DANGER - Highly Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or going to the toilet. Remove and wash contaminated clothing and shoes before reuse. May be fatal if swallowed. Irritating to nose and throat. Avoid breathing dust.

[NOTE TO EPA: The following statement will appear on package sizes 50 lbs or larger:]

ENVIRONMENTAL HAZARDS: 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

[NOTE TO EPA: The following statement will appear on package sizes less than 50 lbs:]

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic organisms

PHYSICAL AND CHEMICAL HAZARDS: Strong oxidizing agent! Mix only with water. Do not mix this product with any other chemicals, including any other pool chemicals of any kind, such as other disinfection or "shock" pool products. Always add product to large quantities of water to dissolve product. Do not pour water into product. Use only a clean, dry utensil made of metal or plastic each time product is taken from the container. Do not add this product to any dispensing device other than a VersaChlor™ Easy Feed Chlorination System. Such use may cause violent reaction leading to fire or explosion. Contamination with moisture, acids, organic matter, other chemicals (including, but not limited to cleaning chemicals and other pool chemicals), petroleum or paint products or other easily combustible materials may start a chemical reaction with generation of heat, liberation of hazardous gases and possible violent reaction leading to fire or explosion. If product becomes contaminated or decomposes do not reseal container. If possible isolate container in open air or well-ventilated area. Flood with large volumes of water, if necessary, to fully dissolve product.

[NOTE TO EPA: The following Optional Marketing Claims and Symbols may be added to the product label:]

Water Treating Agent
 Bactericide
 Algaecide
 Erodes slowly to deliver long lasting uniform chlorine protection.
 Controls bacteria and algae growth.
 Convenient, easy to use with the VersaChlor™ Easy Feed Chlorination Systems.
 No build-up of stabilizer (cyanuric acid).
 Does not lower pH or destroy total alkalinity.
 Cube-shaped to prevent mixing with other non-compatible tablets
 Does not contain stabilizer.
 Convenient, easy to apply
 Swimming pool and Spa use
 Commercial pool and Spa applications
 For VersaChlor™ Easy Feed Chlorination Systems.
 "Restores a crystal clarity to water" or "Restores sparkle and clarity to pool water"
 For new Commercial pool start-ups
 Buffered Sanitizer, Oxidizer "or" Buffered (easier to maintain pH balance in pool)
 Stop! Do not mix with other products or pre-dissolve before use



Directions for Use

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

SWIMMING POOL USE

VersaChlor™ System Chlorinating Tablets contain a minimum of 65% available chlorine. This product helps to control the growth of algae and effectively kills many bacteria.

USE DIRECTIONS:

VersaChlor™ System Chlorinating Tablets have been specifically designed for use with the VersaChlor™ Easy Feed Chlorination Systems. VersaChlor™ System Chlorinating Tablets are cube-shaped tablets for commercial pool and spa applications.

Before loading these cube-shaped calcium hypochlorite tablets into a VersaChlor™ Easy Feed Chlorination System thoroughly review and understand operating procedures for the systems as outlined in the operating manual.

To load tablets: Remove the lid from the VersaChlor™ Easy Feed Chlorination System and load with VersaChlor™ System Chlorinating Tablets. When complete, replace lid and close the tablet container.

Adjust the flow of water through the chlorinator to maintain a 1-3 ppm free available chlorine residual. To increase or decrease tablet delivery increase or decrease water flow, using the VersaChlor™ Easy Feed Chlorination System's control valve to the desired setting.

Never throw tablets directly into the pool or allow tablets to contact plastic or steel pool linings.

Do not mix this product with other chemicals, including any other pool chemicals of any kind, such as other disinfection or "shock" products. Mixing could cause a fire or explosion. Never add water into product. For best results, test your pool water prior to addition of this product and maintain pool water parameters in the ranges noted below.

This product will raise the pH of pool water. For best results, test your pool water prior to addition of this product. If your pH measures 7.4 or higher, adjust it downward so that it is between 7.2 to 7.4. This will help avoid clouding of water and allow for faster dispersion of the product.

HOW TO APPLY TO SWIMMING POOLS:

REMINDER: Never add water to product. Always add product to large quantities of water to fully dissolve. Maintain operation of your pump and filter.

Opening Pool/Initial Chlorination: Begin operation of your recirculation equipment. Balance the water by making certain the pool water parameters for pH, total alkalinity and water hardness are in their proper ranges, provided in Table 1. Shock treat/superchlorinate the pool. Follow label directions of the shock/superchlorinator product used as recommended. Allow 30 minutes for the product to disperse, then determine the free chlorine residual using a pool test kit. If no residual is found, superchlorinate again. Repeat treatment, as needed, until the chlorine residual is 1.0 ppm. If a stabilizer is used, check and adjust stabilizer to proper level (10-20 ppm). Do not enter the water until the free chlorine residual is 4.0 ppm or less. Wait at least 4 hours, preferably overnight; then vacuum the pool bottom. Begin routine chlorination using VersaChlor™ System Chlorinating Tablets in your VersaChlor™ Easy Feed Chlorination System.

Routine Chlorination: The pH, total alkalinity, water hardness, and stabilizer concentration should be maintained at values recommended in Table 1 under "Regular Treatment for Commercial Pools in Use." Actual dosages of this product required to maintain the desired free chlorine residual will vary with sunlight, water temperature, bathing load, stabilizer concentration, water balance, and other factors. Use a test kit frequently to determine and maintain the proper free chlorine residual. Do not enter the pool until the free chlorine residual has dropped to 4.0 ppm or less as measured using your test kit.

ADDITIONAL INSTRUCTIONS FOR SWIMMING POOL CARE:

Regular Treatment: Maintain commercial pool water parameters in the ranges in Table 1 or at levels required by local health codes and regulations. This product will raise the pH of pool water. If your pH measures 7.4 or higher, adjust it downward to between 7.2 to 7.4. This will help avoid clouding of water and allow for faster dispersion of the product. Obtain and make use of a pool test kit to measure pH, free chlorine residual, total alkalinity, water hardness, and cyanuric acid concentration.

Table 1. Parameters for Water in Commercial Pools

| Parameter | Test Frequency | Level |
|---------------------------------------|----------------|--|
| pH | Daily | 7.2 to 7.4 |
| Free Chlorine Residual | Daily | 1 to 3 ppm in unstabilized pools. 2 to 4 ppm minimum in stabilized pools. |
| Total Alkalinity as CaCO ₃ | Weekly | 80-100 ppm |
| Stabilizer (Cyanuric Acid) | Monthly | 10-20 ppm |
| Water Hardness as CaCO ₃ | Monthly | 200 ppm minimum |

[NOTE TO EPA: For smaller packages, the following statement in paragraph form can be used instead of the above paragraph and table]

Regular Treatment for Commercial Pools in Use: Maintain pool water parameters as follows: adjust pH to 7.2-7.4, free chlorine residual 1-4 ppm, total alkalinity 80-100 ppm, stabilizer 10-20 ppm, and water hardness at 200 ppm minimum. Obtain and make use of a pool test kit to measure the levels.

[NOTE TO EPA: Optional Statements for Pool Maintenance:]

Proper Water Balance and Use of Stabilizer: Maintaining the proper pH, total alkalinity, and water hardness is necessary to obtain proper water balance, and help avoid problems such as cloudy water, scaling, corrosion and swimmer discomfort. Stabilizer (cyanuric acid) slows down the rate at which chlorine is destroyed by sunlight. Follow carefully the directions given with the product when using a stabilizer. Kits for testing free chlorine, pH, total alkalinity, water hardness, and cyanuric acid concentration are an integral part of a proper program for controlling the quality of your pool water. The kits are inexpensive and available from most pool chemical dealers.

How to determine the capacity of your pool:

- First:** Approximate the average depth in feet by adding the depth at the deep end to the depth at the shallow end and divide the total by two.
- Then:** For rectangular or square pools: Multiply length (ft) x width (ft) x average depth (ft) x 7.5 = capacity of pool in gallons.
For circular pools: Multiply diameter (ft) x diameter (ft) x average depth (ft) x 5.9 = capacity of pool in gallons.
For oval pools: Multiply long axis (ft) x short axis (ft) x average depth (ft) x 5.9 = capacity of pool in gallons.
- NOTE:** If pool has sloping sides, multiply total gallons calculated by 0.85 to arrive at the capacity of your pool.

End of Season: At the end of the swimming pool season, or when the water is to be drained from the pool, chlorine must be allowed to dissipate from treated pool water before discharge. Do not chlorinate the pool within 24 hours prior to discharge.

SPA USE

Spas / Hot-tubs: Apply 0.5 ounces of product per 500 gallons of water to obtain a free available chlorine concentration of 5 ppm, as determined by a suitable chlorine test kit. Adjust and maintain pool water pH to between 7.2 and 7.8. Some oils, lotions, fragrances, cleaners, etc. may cause foaming or cloudy water as well as reduce the efficiency of the product. To maintain the water, apply 0.5 ounces of product per 500 gallons of water using the VersaChlor™ Easy Feed Chlorination System, to maintain a chlorine concentration of 5 ppm.

NSF 50 Listing: Only VersaChlor™ System Chlorinating Tablets may be used with the VersaChlor™ Easy Feed Chlorination Systems for commercial pools and spas in compliance with NSF/ANSI Standard 50. Use of any other tablets will void this NSF 50 listing.

For a complete copy of the master label for this product, contact PPG or review the most current EPA stamped-accepted label available at www.epa.gov/pesticides/pestlabels.

STORAGE AND DISPOSAL:

Do not contaminate food or feed by storage, disposal, or cleaning of equipment.

Pesticide Storage

Keep this product dry in a tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. In case of decomposition, isolate container (if possible) and flood area with large amounts of water to dissolve all materials before discarding this container.

Pesticide Disposal

Pesticide wastes may be 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.

Container Handling

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

[NOTE TO EPA: Only one of the following statements will be present on the label depending on the container type.]

[NOTE: This language is for containers with capacities equal to or less than 5 gallons or 50 lbs]
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 use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or place in trash collection.

[OR]

[NOTE: This language is for containers with capacities greater than 5 gallons or 50 lbs.]
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 closures. 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 use or disposal. Repeat this procedure two more times. Then offer for recycling if available or place in trash collection.

LIMITED WARRANTY: The Manufacturer warrants, for a period of 1 year from purchase, that when this Product is stored and used, all in accordance with label directions, it will be fit for its intended purpose. THE MANUFACTURER EXPRESSLY DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES. TO THE EXTENT THIS DISCLAIMER IS PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTIES ON THIS PRODUCT ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. If this Product fails to conform to this Limited Warranty, the Manufacturer will refund your purchase price or furnish you with replacement product, at Manufacturer's option. This is the Manufacturer's sole liability and in no event will Manufacturer be liable for direct, indirect, special, incidental or consequential damages. To make a claim under this Limited Warranty, contact the store/dealership where you purchased this Product. This Limited Warranty gives you specific legal rights, and you may also have other legal rights which vary from state to state.

VersaChlor™ is a trademark of PPG Industries Ohio, Inc.