



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

SEP 24 2003

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Donna L. Butler
PPG Industries, Inc.
One PPG Place - 8 North
Pittsburgh, PA. 15272

SUBJECT: June 24, 2003 Amendment Application
PPG Chlorinating Tablets
EPA Registration 748-275

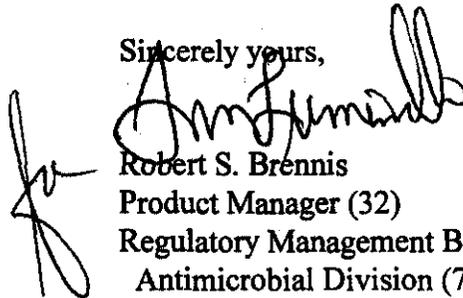
Dear Ms. Butler:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following conditions:

Your First Aid statement must be rewritten in the following order: Eyes, Skin, Swallowed, Inhaled. The first two lines after the First Aid heading pertaining to emergency phone assistance must be removed from the beginning and placed at the end.

A copy of your conditionally approved stamped label is enclosed. You must submit a finished clean copy to this Office for our files. If you have any questions regarding this letter, please contact Tom Luminello of my staff at (703) 308-8075.

Sincerely yours,


Robert S. Brennis
Product Manager (32)
Regulatory Management Branch II
Antimicrobial Division (7510-C)

Enclosure

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PPG CHLORINATING TABLETS
Calcium Hypochlorite Tablets for Swimming Pool Applications
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 PPG Chlorinator N-200.
- No build-up of stabilizer (cyanuric acid).
- Does not lower pH or destroy total alkalinity.
- Colored blue for safety.
- Does not contain stabilizer.
- Convenient, easy to apply using enclosed skimmer dispenser or the Sustain automatic chlorinator.
- Use of Sustain skimmer dispenser protects pool equipment when the pump is not running.
- One tablet treats 10,000 gallons of water for up to seven days.

EPA Reg. No. 748-275
EPA Est. No. 748-WV-1

ACTIVE INGREDIENT: Calcium Hypochlorite... 68%
OTHER INGREDIENTS: 32%
Minimum 65% Available Chlorine

KEEP OUT OF REACH OF CHILDREN
DANGER

Do not mix with other chemicals. Do not mix with stabilized chlorine tablets that are typically white or other pool chemicals. Do not use with stabilized chlorine or bromine tablet chemical feeders. Mixing could cause a fire or explosion. Use only with other (blue) PPG Chlorinating Tablets. Do not add water to product - Add product to water.

See additional precautionary statements on back label.

FIRST AID: Contact 1-304-843-1300 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. **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 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 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. **Note to physician,** probable mucosal damage may contraindicate the use of gastric lavage.

Reorder:
Eyes
Skin
Swallowed
Inhaled

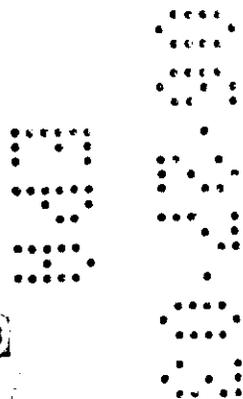
➤ Move here

Manufactured by
PPG INDUSTRIES, INC., One PPG Place, Pittsburgh, PA 15272
Emergency Telephone Number: 1-304-843-1300

NET WT. 100 lbs. (45 kg)

[6/24/2003 pending EPA update]

ACCEPTED
with COMMENTS
in EPA Letter Dated:
SEP 24 2003



1 Federal Insecticide,
and Rodenticide Act as
for the pesticide,
under EPA Reg. No.

748-275

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

DANGER - Highly Corrosive. Causes irreversible eye and skin damage. 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, or using tobacco. Remove and wash contaminated clothing and shoes before reuse. May be Fatal if swallowed. Irritating to Nose and Throat. Avoid breathing dust.

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

PHYSICAL AND CHEMICAL HAZARDS: Strong oxidizing agent! Mix only with water. Never add water to product. Always add product to large quantities of water. Use only a clean, dry utensil made of metal or plastic each time product is taken from the container. Do not mix with any other chemicals. **Do not add this product to any dispensing device containing remnants of any other product. Such use may cause violent reaction leading to fire or explosion.** Contamination with moisture, acids, organic matter, other chemicals, or easily combustible materials such as petroleum or paint products may start a chemical reaction with generation of heat, liberation of hazardous gases and possible generation of a fire or explosion. In case of contamination or decomposition, do not reseal container. If possible isolate container in open air or well-ventilated area. Flood with large volumes of water, if necessary.

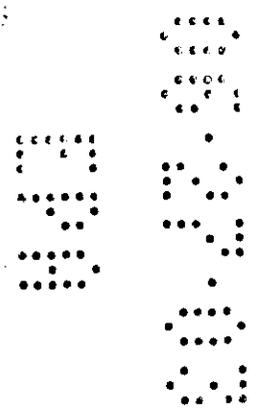
STORAGE AND DISPOSAL: Keep in original container in a cool, dry, well-ventilated place. Keep container closed when not in use. Keep away from heat sources, sparks, open flames and lighted tobacco products. **Container Disposal** - Do not reuse container. Residual material remaining in empty container can react to cause fire. Thoroughly flush empty container with water then destroy by placing in trash collection. **Pesticide Disposal** - Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food, or feed by storage or disposal. **In Case of Fire** - Drench with water. Calcium hypochlorite supplies oxygen; therefore, attempts to smother fire with a wet blanket, carbon dioxide, or a dry chemical extinguisher are ineffective. **In Case of Spill or Leak** - Use extreme caution. Contamination may cause fire or violent reaction. If fire or reaction occurs in area of spill, douse with plenty of water. Otherwise sweep up spilled material, using a clean, dry shovel and broom and dissolve spilled material in water. Then immediately use solution as directed.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 24 2003

Under Federal Insecticide,
Fungicide and Rodenticide Act as
a pesticide,
under EPA Reg. No.

2 748-275



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

How to adjust the PPG Chlorinating Tablets: The *PPG Chlorinating Tablets* are designed to be dispensed using the *PPG Chlorinator*. To decrease tablet deliver rate: Reduce water flow through the chlorinator. To increase tablet delivery rate: Increase water flow through the chlorinator. Do not throw the tablets directly into the pool or allow tablets to contact plastic or steel pool linings.

How to adjust the Chlorinating Tablets: The *Chlorinating Tablets* are designed to be dispensed using the *enclosed skimmer dispenser*. To decrease tablet deliver rate: Close the adjustable dispenser lid to reduce the flow of water to the tablet surface. To increase tablet delivery rate: 1) Fully open or remove adjustable dispenser lid., 2) Use a second skimmer dispenser, if you have space., 3) Increase circulation time., 4) Increase water flow through the skimmer. Do not throw the tablets directly into the pool or allow tablets to contact plastic or steel pool linings.

Regular treatment for pools in use:

Maintain pool water parameters in the ranges recommended below or at levels required by location regulations. Obtain and make use of a pool test kit to measure pH, free chlorine residual, total alkalinity, water hardness, and cyanuric acid concentration.

Parameter	Test Frequency	Recommended Level
pH	Daily	7.2 to 7.6
Free Chlorine Residual	Daily	1 to 3 ppm
Total Alkalinity as CaCO ₃	Weekly	80-100 ppm
Stabilizer (Cyanuric Acid)	Monthly	40-80 ppm
Water Hardness as CaCO ₃	Monthly	200 ppm minimum

Initial chlorination:

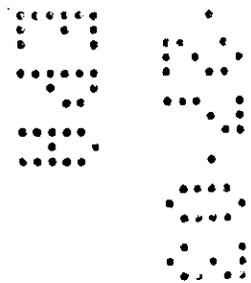
Begin continuous operation of your recirculation equipment. Balance the water by making certain the pool water parameters for pH, total alkalinity and water hardness are at their proper levels. Check and adjust stabilizer to proper level. Shock treat the pool. Follow label directions of the product used. Repeat the treatment until minimum 1 ppm free chlorine has been established. Do not enter the water until the free chlorine residual is less than 4.0 ppm. Begin routine chlorination.

Routine chlorination:

Maintain total alkalinity, pH, water hardness and stabilizer concentration at their proper levels.

Fill chlorinator with *PPG Chlorinating Tablets*. Adjust flow control valve to initial setting. Adjust tablet delivery, as needed, to maintain a 1-3 ppm free available chlorine residual. (Refer to The PPG Chlorinator Instruction Manual.) Actual number of *PPG Chlorinating Tablets* and flow adjustments required to maintain the desired free chlorine residual will vary with the amount of pool water, sunlight, water temperature, bather load, stabilizer concentration and other factors. Use a DPD test kit daily to determine and maintain the proper free chlorine residual. Do not use an OTO test kit.

ACCEPTED
ADJUSTMENTS
Date Dated:
SEP 24 2003



3... Insecticide,
... Act as
... pesticide,
... EPA Reg. No.

748-275

Fill the skimmer dispenser with Chlorinating Tablets, adjust dispenser lid to half open and place the dispenser in the skimmer basket. Adjust tablet delivery, as needed, to maintain a 1-3 ppm free available chlorine residual. Run circulation system at least 12 hours each day. Re-fill skimmer dispenser with Chlorinating Tablets each week. Actual number of *Chlorinating Tablets* and dispenser lid adjustments required to maintain the desired free chlorine residual will vary with the amount of pool water, sunlight, water temperature, bather load, stabilizer concentration and other factors. Use Sustain 3-way test strips or a DPD test kit daily at first and then at least once each week to determine and maintain the proper free chlorine residual. Do not use an OTO test kit.

We recommend you:

Add Sustain Summer Shield, once each summer (150 days) to help chlorine protect your pool from algae growth all season long. Begin weekly additions of Sustain Shield Energizer and Shock Treatment tablets to re-energize the protective Sustain Summer shield and keep your pool water sparkling clear.

Helpful aids in swimming pool care:

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. Stabilizers such as cyanuric acid slow 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.

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 (feet) x width (feet) x average depth (feet) x 7.5 = capacity of pool in gallons. For circular pools: Multiply diameter (feet) x diameter (feet) x average depth (feet) x 5.9 = capacity of pool in gallons. For oval pools: Multiply long axis (feet) x short axis (feet) x average depth (feet) 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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 24 2003

the Federal Insecticide,
Fungicide and Rodenticide Act as
amended, the pesticide,
registered under EPA Reg. No.

748-215