

PM32

748-237

2/10/99

1 of 6



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

FEB 10 1999

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

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

SUBJECT: December 15, 1998 Application  
Zappit Shock Treatment  
EPA Registration 748-237

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 subject to the comments listed below. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

- 1.) Remove the statement on page one "Eliminates Need to Predissolve" which is contradicted by the approved directions in the third paragraph of page three.
- 2.) The statement "1# Treats 10,000 to 15,000 Gallons" is unclear. Instead of the symbol "#", use the word "pound" or the standard abbreviation "LB".

Also, the label claims "Restores a Crystal Clarity to Pool Water" and "Restores Sparkle and Clarity to Pool Water"; and, "Fast Dissolving" and "Quick Dissolving" can not be used at the same time. Use either one of the two similar claims, not both.

Regarding the Child Resistant Certification for the new 5 pound bottle for which you provided a single page extract from a larger report, please provide a full copy of that report for our evaluation.

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

**ZAPPIT**  
**Shock Treatment**  
**and Super Chlorinator for Swimming Pools**

- Kills Bacteria**
- Controls Algae**
- Destroys Organic Contaminants**
- Restores a Crystal Clarity to Pool Water**
- Restores Sparkle and Clarity to Pool Water**
- Fast Dissolving**
- Quick Dissolving**

one or the other

> one or the other

Not Acceptable

~~Eliminates Need to Predissolve~~

1# Treats 10,000 to 15,000 Gallons

change to 1 pound OR 1 LB. (16.) (TL)

EPA Reg. No. 748-237  
EPA Est. No. 52270-GA-1

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

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**

See additional precautionary statements on back label.

**STATEMENT OF PRACTICAL TREATMENT (First Aid):** **EYE/SKIN CONTACT:** Flush with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. For eye contact, get immediate medical attention. If skin irritation occurs, get medical attention.  
**INHALATION:** Remove to fresh air. If signs of irritation or discomfort occur, take immediately to a hospital or physician. **SWALLOWING:** If swallowed, drink large amounts of water. Do not induce vomiting. Call a physician or poison control center immediately.

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

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
**FEB 10 1999**

**NET WT. 1 lb. (453.6 g) 12/11/98**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. **748-237**

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

**DANGER!** Highly Corrosive. Causes Skin and Eye Damage. May be Fatal if Swallowed. Irritating to Nose and Throat. Wear goggles or face shield and rubber gloves when handling. Avoid breathing dust. Remove and wash contaminated clothing and shoes before reuse.

**PHYSICAL AND CHEMICAL HAZARDS:** Strong oxidizing agent! Mix only with water. **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:** Read before using. 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.

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Under the Federal Insecticide,  
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**USE ENTIRE BAG IN ONE APPLICATION.**

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

Swimming pool water is subject to a build-up of a wide variety of organic contaminants including swimmer wastes, such as perspiration, ammonia compounds, and natural and synthetic oils and lotions. If left untreated, the build-up of these contaminants could lead to the development of noxious odors, irritating water, and unsightly water clarity problems. These organic wastes which serve as nutrients for bacteria, algae, and other organisms should be removed from the pool on a regular basis to prevent their build up. This product will effectively reduce organic contamination in swimming pool water resulting in increased water clarity.

Always adjust pH between 7.2 and 7.4 prior to using this product. To oxidize the organic contamination which builds up in pool water, add 1 pound of this product for every 10,000 to 15,000 gallons of water. Pre-dissolve the product in a clean plastic container of water, then *sprinkle the solution into the pool. Add this product to the pool by broadcasting the dry granules over the pool water surface in the deepest end of the pool. Add this product directly into the skimmer (make sure that all other chemicals or debris have been removed) while the pump is running.*

Add this product at night or when the pool is not in use. Do not use the pool until the free chlorine residual has dropped below 3.0 ppm as determined by using a test kit. This product should be used weekly during periods of heavy use or when water temperatures are above 80°F and once every two weeks in residential pools receiving normal usage. Between treatments with this product, continue to maintain the proper water balance and sanitizer level in your pool as recommended on the label of your normal pool sanitizer.

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**NOTE TO EPA:** *The above label text is for a one-pound, single use, sealed pouch. When PPG sells this product in the 5# multi-use bottle, the following statement will be added under Physical and Chemical Hazards:*

**Use only a clean, dry utensil made of metal or plastic each time product is taken from the container.**

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**NOTE TO EPA:** *Per PR Notice 95-1, the following paragraph will only be used on 50# or larger sizes:*

**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.

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