

748-307

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

MAY 20 2011

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

J Michael Kelley, Agent for PPG Industries, Inc  
c/o Toxcel  
7140 Heritage Village Plaza  
Gainesville, VA 20155-3061

RE Notification Dated April 26, 2011  
Notification Received April 26, 2011  
Product Name CHES 60  
EPA Registration Number 748-307

Dear Mr Kelley

This acknowledges receipt of your Notification submitted in accordance with the provisions of PR Notice 98-10 under the Federal Insecticide Fungicide, and Rodenticide Act (FIFRA) section 3(c)9

Proposed Notification

Addition of revised Storage and Disposal instruction Non-refillable container Do not reuse or refill this container Some minor edits for internal clarification on Master Label

General Comments

Based on a review of the material, the notification is acceptable

If you have questions concerning this letter, please contact Tom Luminello by telephone, (703) 308-8075, or by e-mail at luminello tom@epa gov

Sincerely,

A handwritten signature in cursive script that reads "Tom Luminello".

Handwritten initials in cursive script that appear to be "for".

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



United States  
Environmental Protection Agency  
Washington DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

**Application for Pesticide – Section 1**

1 Company/Product Number <b>748 307</b>	2 EPA Product Manager <b>Wanda Henson</b>	3 Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) <b>PPG Industries Inc /CHES60</b>	PM# <b>PM 32</b>	
5 Name And Address Of Applicant (Include ZIP Code) <b>PPG Industries, Inc One PPG Place Pittsburgh PA 15272</b> <input type="checkbox"/> Check if this is a new address	6 Expedited Review In accordance with FIFRA Section 3(c)(3) (b)(i) my product is similar or identical in composition and labeling to EPA Reg No _____ Product Name _____	

**Section II**

Amendment – Explain below  
 Resubmission in response to Agency letter dated \_\_\_\_\_  
 Notification – Explain below

Final Printed labels in response to Agency letter dated \_\_\_\_\_  
 Me Too Application  
 Other – Explain Below

**Explanation** Use Additional Page(S) If Necessary (For Section I And Section II )

**This Notification is to update the Storage and Disposal language in compliance with PR Notice 2007-4**

**Section III**

1 Material This Product Will Be Packaged In

Child Resistant Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2 Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input checked="" type="checkbox"/> Other (Specify) _ <u>fiberboard box</u>
<b>Certification must be submitted EPA has data on file</b> If Yes      No per Unit Packaging wgt      Container 1#                      24 1#                      50		If Yes      No per Unit Packaging wgt      Container	

3 Location of Net Contents Information  
 Label  Container

4 Size(S) Retail Container  
1# 12# 24# 50#

5 Location of Label Directions  
 On Label  
 On Labeling accompanying product

6 Manner in Which Label is Affixed to Product  
 Lithographed  
 Paper glued  
 Stenciled  Other \_\_\_\_\_

**Section IV**

1 Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application )

Name <b>J Michael Kelley, Ph D</b>	Title <b>Authorized Representative</b>	Telephone No (Include Area Code) <b>703 754-0248</b>
Certification I certify that the statements I have made on this form and all attachments thereto are true accurate and complete I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law		6 Date Application Received
2 Signature 	3 Title <b>Authorized Representative</b>	
4 Typed Name <b>J Michael Kelley, Ph D</b>	5 Date <b>April 26, 2011</b>	

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# toXcel

## Toxicology & Regulatory Affairs

7140 Heritage Village Plaza  
Gainesville, VA 20155-3061

Phone (703) 754 0248

Fax (703) 310 6950

April 26 2011

Wanda Henson  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U S Environmental Protection Agency  
Room S 4900 One Potomac Yard  
2777 South Crystal Drive  
Arlington VA 22202

Re Label Notification for CHES60  
EPA Registration No 748 307

Dear Ms Henson

On behalf of PPG Industries we are submitting a revised label for the above referenced product to update the storage and disposal language in compliance with PR Notice 2007 4 The statement Nonrefillable container Do not reuse or refill this container Triple rinse or pressure rinse container (or equivalent) promptly after emptying has been revised for clarity The statement 'Nonrefillable container Do not reuse or refill this container is mandatory for all of this product s container types and Triple rinse or pressure rinse container (or equivalent) promptly after emptying is only intended for rigid containers for which triple and pressure rinsing is appropriate

As required one clean copy of the label as well as a Word track changes copy is being submitted An electronic copy (CD) of the label is also being submitted for convenience We would appreciate being informed of the acceptance of this notification after it is reviewed

If you have any questions please feel free to contact me by phone at (703) 754 0248 or by email at [Mike.Kelley@toxcel.com](mailto:Mike.Kelley@toxcel.com)

Sincerely



J Michael Kelley Ph D  
Authorized Representative for PPG Industries

Enclosures

Cc Natalie Gaydos PPG Industries

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**CHES60**  
Dry Chlorinating Tablets  
FOR REPACKAGING AND FORMULATING ONLY

EPA Reg No 748 307  
EPA Est No 748 WV 1 or 52270 GA 1 or 85855 WV 001

<b>ACTIVE INGREDIENT</b>	
Calcium Hypochlorite	60 /
<b>OTHER INGREDIENTS</b>	40 /
<b>TOTAL</b>	100 /
Minimum 57.5 / Available Chlorine	

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

**Do not mix 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 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 XXX lbs (XXX Kgs)

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**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 [The following statement shall not be used on small single use packages 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 containing remnants of any other product or pool chemical 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

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

Dry Chlorinating Granules for Swimming Pools or Calcium Hypochlorite Granules for Swimming Pools  
Bactericide or Kills Bacteria  
Algaecide or Controls Algae  
Destroys Organic Contaminants or Removes Organic Waste  
Low Residue  
Restores a Crystal Clarity to Pool Water or Restores Sparkle and Clarity to Pool Water  
For Use with All Pool Surfaces (vinyl and plaster)  
For Pools and Spas  
Buffered Sanitizer Oxidizer or Buffered (easier to maintain pH balance in pool)  
Stop! Do not mix with other products or pre dissolve before use  
Step 3 Shock  
Weekly Shock



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**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**

This calcium hypochlorite product is a dry granular free flowing material that contains a minimum of 57.5% available chlorine. It provides a rapid source of a chlorine containing disinfectant that protects the pool against the growth of bacteria and algae to help keep the pool in a sanitary condition.

For any application method you choose, no one can be in the pool when chemicals are being added directly to the pool. **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. Always add this product into large quantities of water to fully dissolve. Never add water into product.** Make sure to keep the pump and filter running during application and for at least 6 to 8 hours after application to allow for the best product dispersion. 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.

**APPLICATION METHOD**

This product can be added by broadcasting the dry granules over the pool water surface at the deepest end of the pool while the pump is running. Should any granules settle at the bottom of the pool, use a pool brush to disperse them. Take care to not tear the liner in above ground pools (or any pool with a liner) while brushing.

This product can be directly added into the skimmer while the pump is running. Make sure that all other chemicals or debris have been removed from the skimmer before adding product.

**HOW TO APPLY TO 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. Treatment should be done at night or during a period when the pool is not in use.

**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. Follow Shock Treatment/Superchlorination application directions to superchlorinate the pool. 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.

**Routine Chlorination** The pH, total alkalinity, water hardness, and stabilizer concentration should be maintained at values recommended in Table 1 under Regular Treatment for 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.

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Add 3.5 to 4.5 ounces of this product (1.3 to 2.6 ounces in stabilized pools) per 5,000 gallons of water daily or as often as needed to maintain the desired free chlorine residual whether the pool is in use or not. For small changes in free chlorine residual once a free chlorine residual is detected, the addition of 1.3 ounces of this product to 5,000 gallons of water will raise the free chlorine residual approximately 1.0 ppm.

**Shock Treatment / Superchlorination** Adjust pH between 7.2 and 7.4 prior to shocking or superchlorination. Add this product at night or when the pool is not in use. To prevent pool water problems, shock at least once per week during periods of heavy use or when water temperatures are above 80 F and once every two weeks in residential pools receiving normal usage. Maintain operation of the pump and filter. Do not enter the pool until the free chlorine residual has dropped to 4.0 ppm or less as measured using a suitable test kit. 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.

Add 1.3 to 2.6 ounces of this product to every 1,000 gallons of water to yield 5.10 ppm available chlorine.

**ADDITIONAL INSTRUCTIONS FOR SWIMMING POOL CARE**

**Regular Treatment for Pools in Use** Maintain pool water parameters in the ranges in Table 1 or at levels required by local 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 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 <sub>3</sub>	Weekly	80-100 ppm
Stabilizer (Cyanuric Acid)	Monthly	10-20 ppm
Water Hardness as CaCO <sub>3</sub>	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 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.

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**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 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

**HANDY REFERENCE GUIDE FOR SOLUTIONS**

- 1 lb (16 ounces) of this product in 66 000 gallons of water is 1 ppm available chlorine
- 1.5 lbs (28 ounces) of this product in 100 gallons of water is 1 000 ppm available chlorine
- 7.6 lbs (139 ounces) of this product in 50gallons of water is a 1 / solution (10 000 ppm available chlorine)

(1 ounce of this product equals approximately 2 level tablespoons)

For specific literature on other accepted uses contact PPG

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](http://www.epa.gov/pesticides/pestlabels)

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### 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.

*[NOTE TO EPA: Language for Plastic non-refillable rigid containers all pails, drums and bottles]*

Triple-rinse or pressure-rinse container (or equivalent) promptly after emptying.

~~Non-refillable container. Do not reuse or refill this container.~~

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

*[NOTE TO EPA: This language is for rigid containers with capacities less than 5 gallons]*

Triple-rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container / 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.

[ORI]

*[NOTE TO EPA: This language is for rigid 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 / 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.

[ORI]

*[NOTE TO EPA: This language is for non-refillable bags of granular or dry formulation]*

Completely empty bag into pool by shaking and tapping sides and bottom to loosen clinging particles. Submerge empty bag in pool to eliminate any residue. Then place bag in trash for disposal.

**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,

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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

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