

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended)	EPA REGISTRATION NO. 748-284	DATE OF ISSUANCE MAR 16 1988
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT PITTAPS-G65	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

PPG Industries, Inc.
 One PPG Place--36 West
 Pittsburgh, PA 15272

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 748-284."
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

WCF

Walter C. Francis
 Acting Product Manager (32)
 Antimicrobial Program Branch
 Registration Division (H7505C)

Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
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PITTABS-G65, CALCIUM HYPOCHLORITE TABLETS

65% AVAILABLE CHLORINE

ACTIVE INGREDIENTS: Calcium Hypochlorite 65%
INERT INGREDIENTS: Readily Soluble Salts and Water 35%

KEEP OUT OF REACH OF CHILDREN ! !

DANGER

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.

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Do not
discharge into lakes, streams, ponds or public waters unless in
accordance with NPDES permit.

PHYSICAL AND CHEMICAL HAZARDS: Strong oxidizing agent! Mix only
with water. Use only a clean, dry utensil made of metal or plastic
each time calcium hypochlorite is taken from the container. 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, isolate container in open air or well-ventilated area.
Flood with large volumes of water, if necessary.

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 atten-
tion. 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 con-
scious, drink large quantities of water and any common cooking
(vegetable) oil, if available. Do not induce vomiting. Take immedi-
ately to a hospital or physician. If vomiting occurs, administer
additional water. If unconscious, or in convulsions, take immedi-
ately to a hospital. ~~Do not attempt to induce vomiting or give anything~~
by mouth.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAR 16 1988

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

748-284

STORAGE AND DISPOSAL: Keep in original container in a cool, dry place. Keep container closed when not in use. Keep away from heat sources, sparks, open flames and lighted tobacco products. Use only a clean, dry utensil made of metal or plastic each time this product is taken from the container. Container Disposal: Do not reuse container. Residual material remaining in 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 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.

EMERGENCY TELEPHONE NUMBER: Natrium, WV (304) 843-1300

MANUFACTURED BY: PPG Industries, Inc.
One PPG Place
Pittsburgh, PA 15272

PITTABS-G65

DIRECTIONS FOR USE:

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

INDUSTRIAL COOLING WATER SYSTEMS: Pittabs-G65 tablets can provide a source of chlorine for commercial recirculating cooling water systems to reduce the number of living algae, bacteria, and fungi. The product is to be added to the system at a point where it will be uniformly mixed. It is extremely effective and recommended as part of a general preventative maintenance program.

The amount of chlorine dosed will depend upon the flow rate of the water being treated, the amount of Pittabs-G65 used, and the configuration of the active tablet bed. For example, to provide an available chlorine concentration of 5 ppm use about 1.3 pounds or four tablets of Pittabs-G65 for each 20,000 gallons of water treated. In practice the amount of Pittabs-G65 should be adjusted to satisfy chlorine demand and provide the desired residual. Application is to be made as needed to maintain control.

POTABLE WATER TREATMENT: Pittabs-G65 tablets can be used in the control of "Saprophytic" bacteria found in potable water drawn from a municipally treated system, lakes, streams, or other sources of potable quality. Tablets are to be used in conjunction with an applicable chlorinator. For this application storage of tablets should not exceed one year.

WASTEWATER TREATMENT: Pittabs-G65 tablets can provide a source of available chlorine for the treatment of domestic sewage. The method of application and level of chlorine residual upon discharge is tightly controlled by EPA regulations. Dosage can be figured by data provided under "Industrial Cooling Water Systems" though we strongly recommend contacting the manufacturer and local EPA office before use.

SEWAGE AND WASTEWATER EFFLUENT TREATMENT: The disinfection of sewage effluent must be evaluated by determining the total number of coliform bacteria and/or fecal coliform bacteria, as determined by the most probable number (MPN) procedure, or the chlorinated effluent must be reduced to or below the maximum permitted by the controlling regulatory jurisdiction.

On the average, satisfactory disinfection of secondary wastewater effluent can be obtained when the chlorine residual is 0.5 ppm after 15 minutes contact. Although the chlorine residual is the critical factor in disinfection, the importance of correlating chlorine residual with bacterial kill must be emphasized.

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The MPN of the effluent, which is directly related to the water quality standards requirement, should be considered and operating standard valid only to the extent verified by the coliform quality of the effluent.

The following are critical factors effecting wastewater disinfection:

1. MIXING: It is imperative that the product be instantaneously and completely flash-mixed to assure reaction with every chemically active soluble & particulate component of the wastewater.
2. DOSAGE/RESIDUAL CONTROL: Successful disinfection is extremely dependent on response to fluctuating chlorine demand to maintain a predetermined, desirable chlorine level. Secondary effluent should contain 0.2 to 1.0 PPM chlorine residual after a 15 to 30 minute contact time. A reasonable average of residual chlorine is 0.5 PPM after 15 minutes contact time.

COOLING TOWER/EVAPORATIVE CONDENSER WATER (Continuous Feed Method):

INITIAL DOSE: When system is noticeably fouled, apply 2 to 4 tablets (10 to 20 oz.) of this product per 10,000 gallons of water in the system to obtain 5 to 10 PPM available chlorine.

SUBSEQUENT DOSE: Maintain this treatment level by starting a continuous feed using a tablet hypochlorinator. To dose use 1 tablet of this product (5 oz.) per 15,000 gallons of water lost by blowdown to maintain a 1 PPM residual. Badly fouled system must be cleaned before treatment is begun.

SEPTIC TANKS (Small Wastewater Treatment Plants):

To fill a residential, or small scale wastewater treatment chlorinator, remove tubes holding tablets, if applicable, and fill as follows:

1. Remove caps and rinse tubes. Clean with water.
2. Fill each tube to top, one tablet at a time.
3. Tablets must lie flat, or tubes will clog.
4. Replace caps and install tubes so they rest in channel in floor of chlorinator.
5. See Manufacturer's chlorinator brochures for additional instructions.

NOTE: This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.

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HOW TO USE PITTABS-G65 CHLORINATING TABLETS FOR SWIMMING POOLS:

Skimmer Basket: Place one Pittabs-G65 chlorinating tablet for every 5,000 gallons of water directly into the skimmer basket, where they will take from 1-2 days to dissolve. If added to the skimmer basket, keep the circulation system running until the Pittabs-G65 chlorinating tablets have dissolved to prevent buildup of excessive chlorine concentration in the skimmer and waterlines.

Floating Dispenser: Add two Pittabs-G65 chlorinating tablets for every 10,000 gallons of water. Set the feeder at the minimum open position and place in pool. Increase or decrease the size of the openings as needed to maintain the desired free chlorine residual. Pittabs-G65 chlorinating tablets will deliver chlorine slowly (3-4 days) in a floating dispenser.

Skimmer Dispenser: Use as many Pittabs-G65 chlorinating tablets as the gallons of water in your pool. Start with two tablets for every 10,000 gallons of water. The number of Pittabs-G65 chlorinating tablets you need to maintain 1 - 3 ppm free available chlorine varies primarily with your mechanical pool equipment.

Do not throw the tablets directly into the pool or allow tablets to contact plastic or steel pool linings. Do not use in automatic chlorinators.

REGULAR TREATMENT FOR POOLS IN USE:

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

<u>PARAMETERS</u>	<u>TEST FREQUENCY</u>	<u>RECOMMENDED LEVEL</u>
1. pH	Daily	7.2 to 7.6
2. Free Chlorine Residual	Daily	1-3 ppm in unstabilized pools. 1.5-3 ppm minimum in stabilized pools.
3. Total Alkalinity as CaCO ₃	Weekly	80-100 ppm
4. Stabilizers (Cyanuric Acid)	Monthly	40-50 ppm
5. Water Hardness as CaCO ₃	Monthly	200 ppm minimum

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Initial Chlorination For Swimming Pools: 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. Shock Treat the pool using Zappit Shock Treatment. Follow label directions of the product used as recommended. Repeat the treatment until a minimum 1.5 ppm free chlorine has been established. If a stabilizer is used, check and adjust stabilizer to proper level (40 - 50 ppm). Do not enter the water until the free chlorine residual is less than 3 ppm. Begin routine chlorination.

Routine Chlorination: Maintain Total Alkalinity, pH, Water Hardness and Stabilizer concentration of their proper levels. Floating Dispenser: Add two Pittabs-G65 chlorinating tablets for every 10,000 gallons of water. Set the feeder at the minimum open position and place the dispenser in the pool. Increase or decrease the size of the opening as needed to maintain the desired free chlorine residual. Add more tablets to feeder as needed. Skimmer Basket: Place two Pittabs-G65 chlorinating tablet for every 10,000 gallons of water in the skimmer basket. Add more or fewer tablets to skimmer as needed to maintain the desired free chlorine residual. Keep the circulation system running until the tablets have dissolved to prevent the buildup of excessive chlorine concentration in the skimmer and waterlines.

Actual number of Pittabs-G65 chlorinating tablets and feeder settings 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 high quality and convenient test kit daily to determine and maintain the proper free chlorine residual.

PITABS-G65

DIRECTIONS FOR USE:

Registration of all uses in Registration Standard also.

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