

748-275

06/29/1988

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US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

748-275

DATE OF ISSUANCE

29 JUN 1988

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

TM
SUSTAIN

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

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 registration is being issued in accordance with Section 3(c)(7)(A) of the FIFRA subject to the following conditions:

(1) It is understood that you will submit and/or cite all data required for registration or re-registration of your product under Section 3(c)(5) of the FIFRA when the Agency requires all registrants of similar products to submit such data.

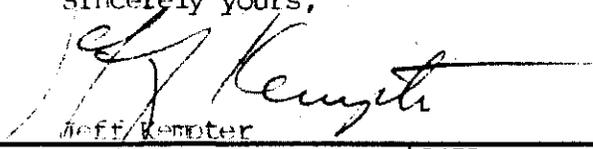
Make the labeling changes below before you release the product for shipment.

- a. Delete from the ingredient statement, "Readily soluble salts and water."
- b. Container and pesticide disposal instructions should have headings, "Container Disposal" and "Pesticide Disposal."

(2) The registration number which has been assigned to this product must appear on the label as EPA Registration No. 748-275.

(3) You will submit five copies of your finished printed labels as described in the A-79 enclosure. These labels must be submitted to the Agency before you release the product for shipment to comply with PR Notice 82-2 of June 15, 1982. Refer to Section 162.10 of Title 40 of the Code of Federal Regulations for general labeling requirements. Failure to comply with these requirements may result in rejection of your label.

Sincerely yours,



Jeff Kemper
Product Manager 32
Registrants Branch

DATE

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

(FRONT PANEL)

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PPG
LOGO

"SLOW DISSOLVING"

SUSTAIN™
3" CHLORINATING TABLETS for Swimming Pools

Controls Bacteria and Algae!

Does not Contain Stabilizer!

ONE TABLET TREATS 10,000 Gallons of Water
For Up to 7 Days

65% Available Chlorine

Active Ingredient ... Calcium Hypochlorite **65%**
Inert Ingredients ... Readily Soluble Salts and Water 35%

DANGER! KEEP OUT OF REACH OF CHILDREN
DO NOT MIX WITH STABILIZED CHLORINE
TABLETS OR OTHER POOL CHEMICALS. DO NOT
USE WITH STABILIZED CHLORINE TABLET
CHEMICAL FEEDER. MIXING COULD CAUSE A FIRE
OR EXPLOSION. USE ONLY WITH OTHER (BLUE)
SUSTAIN™ 3" CHLORINATING TABLETS

See Additional Precautionary Statements on Back Panel

CONTAINS 80 TABLETS NET WT. 50 LBS.

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUN 29 1988

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
748-275

SUSTAIN™
3" CHLORINATING TABLETS for Swimming Pools

SUSTAIN™ 3" CHLORINATING TABLETS for Swimming Pools -- These long lasting, stabilizer-free calcium hypochlorite tablets (65% Available Chlorine) pat. pend., are specially formulated to provide safe continuous chlorine protection without wasteful, uncontrollable stabilizer buildup.

- * Controls Bacteria and Algae conveniently
- * No Harmful Buildup of Stabilizer.
- * Dissolves Slowly to Provide Continuous Chlorine Protection.
- * Each 10 oz. Tablet Treats 10 Thousand Gallons of Pool Water.
- * Provides Enough Chlorine to Last Up to 7 Days
- * Designed for Use in a Floating Dispenser or the Skimmer Basket.
- * COLORED (BLUE) FOR SAFETY. DO NOT MIX WITH STABILIZED CHLORINE TABLETS (Typically white).

DIRECTIONS FOR USE

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

HOW TO ADD Sustain™ 3" Chlorinating Tablets:

For best results use a floating dispenser. Add one Sustain™ 3" Chlorinating Tablet 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. Sustain™ 3" Chlorinating Tablets will deliver chlorine slowly (3-4 days) in a floating dispenser. Alternatively, you can place the Sustain™ 3" Chlorinating Tablets 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 Sustain™ 3" Chlorinating Tablets have dissolved to prevent buildup of excessive chlorine concentration in the skimmer and waterlines. Do not throw the tablets directly into the pool or allow tablets to contact plastic or steel pool linings.

Maintain pool water parameters in the ranges recommended below or at levels required by local 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 |
|--|----------------|--|
| 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 | 20-50 ppm |
| 5. Water Hardness as CaCO ₃ | Monthly | 200 ppm minimum |

POOL STARTUP -- 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. Shock Treat the pool using ZAPPIT™ SHOCK TREATMENT, and SUPERCHLORINATOR or some other suitable shock treatment product. 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. 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 at their proper levels. Floating Dispenser: Add one SUSTAIN™ 3" CHLORINATING TABLET 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 every 4-7 days as needed. Skimmer Basket: Place one SUSTAIN™ 3" 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 SUSTAIN™ 3" 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 test kit such as AquaChek™3 test strips daily to determine and maintain the proper free chlorine residual.

Need for Control of pH, Total Alkalinity, Water Hardness, 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. 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, and 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 (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.

PPG GUARANTEES YOUR SATISFACTION WITH SUSTAIN™ 3" CHLORINATING TABLETS. IF YOU HAVE QUESTIONS OR COMMENTS, CALL TOLL FREE 1-800-245-2974 OR WRITE TO PPG SWIMMING POOL PRODUCTS, PPG INDUSTRIES, INC., ONE PPG PLACE, PITTSBURGH, PA 15272.

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
- * Use only a clean, dry utensil made of metal or plastic each time SUSTAIN™ 3" CHLORINATING TABLETS is taken from the container
- * 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. 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. Sustain™ 3" Chlorinating Tablets 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 -- Use extreme caution. Cont. tion 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.

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 conscious, drink large quantities of water and any common cooking (vegetable) oil, if available. Do not induce vomiting. Take immediately to a hospital or physician. If vomiting occurs, administer additional water. If unconscious, or in convulsions, take immediately to a hospital. Do not attempt to induce vomiting or give anything by mouth to an unconscious person.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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. For guidance, contact the regional office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS: STRONG OXIDIZING AGENT! MIX ONLY WITH WATER. USE ONLY A CLEAN, DRY UTENSIL MADE OF METAL OR PLASTIC EACH TIME SUSTAIN™ 3" CHLORINATING TABLETS 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 OR 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.

EPA Reg. No. 748-

EPA Est. No. XXXXX

EMERGENCY TELEPHONE NUMBER - NATRIUM, WV, 304-843-1300