

NOV 15 1990

Olin Corporation  
350 Knotter Drive  
P.O. Box 586  
Cheshire, CT 06410-0586

Attention: Garrett B. Schifilliti  
Supervisor, Regulatory Services

Gentlemen:

Subject: Sun® Pool & Spa Granular Stabilized Dry  
Chlorinating Concentrate  
EPA Registration No. 9157-23  
Your Submission Dated September 11, 1990

This is in response to your resubmission of September 11, 1990, regarding your request to amend the registration of this product to include pool winterizing use directions.

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable provided that you:

1. Make the following labeling revisions before you release the product for shipment bearing the amended labeling:
  - a. Revise the ingredient statement percentage declarations to read as indicated on your previous label submission:

ACTIVE INGREDIENT:  
Sodium Dichloro-s-Triazinetrione, Dihydrate. . . 99%  
INERT INGREDIENTS: . . . . . 1%  
Available Chlorine 55%

(Note that if in the future you wish to revise the formulation, you must submit a revised Confidential

54016:I:Douglas:C.Disk:KENCO:11/05/90:da:VO:EK:CL

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Statement of Formula and an Amendment Application along with revised labeling.)

- b. The water contamination statement has been modified. Therefore, the statements under Environmental Hazards should be revised as follows:

This pesticide is toxic to fish. Do not discharge into lakes, ponds, or streams unless in accordance with an NPDES permit. Do not contaminate water when disposing of equipment washwaters. For guidance, contact your State Water Board or Regional Office of the EPA.

2. Submit five (5) copies of the final printed labeling before you release the product for shipment bearing the amended labeling.

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

If you have any questions in this regard, please contact Ms. Ruth Douglas at (703) 557-3842.

Sincerely yours,



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

Enclosure



(SUN POOL AND SPA GRANULAR STABILIZED DRY CHLORINATING CON-  
CENTRATE - FRONT PANEL)

ACCEPTED  
with COMMENTS  
EPA Letter Dated

NOV 15 1990

SUN POOL AND SPA GRANULAR STABILIZED  
DRY CHLORINATING CONCENTRATE

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the purpose of  
registration under FIFRA

9157-23

EPA REG. NO. 9157-23

EPA EST. NO. 9157-MI-1

ACTIVE INGREDIENT:

SODIUM DICHORO-S-TRIAZINETRIONE, DIHYDRATE... 98% 99%

INERT INGREDIENT..... 2% 1%

AVAILABLE CHLORINE 55%

KEEP OUT OF REACH OF CHILDREN  
DANGER

SEE FIRST AID AND ADDITIONAL PRECAUTIONS ON BACK PANEL

NET WEIGHT 2 LBS. (.91 KG.)

OLIN CORPORATION  
120 LONG RIDGE ROAD  
STAMFORD, CT. 06904

(sgrnfrnt)

NOV 15 1990

(SUN POOL AND SPA GRANULAR STABILIZED DRY CHLORINATING CONCENTRATE - BACK PANEL)

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the use as a disinfectant under EPA

9157-23

**DIRECTIONS FOR USE:** It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not handle this product with bare hands. Use gloves or thoroughly clean, dry utensils.

(Instructions for use in spas/hot tubs are in parenthesis when different from instructions for pools. Recommended for spas operating at temperatures between 90 and 105 degrees F.)

**STARTUP:** When starting up a reopened or freshly filled swimming pool or spa, make sure the filtration system is clean and operating properly. Then adjust and maintain the pH in the range of 7.2 to 7.6 using Sun Minus or Sun Plus as indicated by a reliable test kit. Adjust and maintain total alkalinity at 60 to 100 parts per million (ppm) (140 to 180 ppm) based on the test kit results and the label directions on Sun Alkalinity Control. Superchlorinate by adding 2 oz. of this product per 1,000 gallons of water (1 oz. per 500 gallons of water). Repeat this step if necessary to establish a positive free available chlorine residual of 1.0 to 3.0 ppm. The next day add Sun Conditioner to provide a minimum of 30 ppm of stabilizer. Follow Sun Conditioner directions for methods of addition. (Sun Conditioner is not needed in spas).

**DAILY:** Add this product daily or as needed based on testing with a reliable test kit to maintain a free available chlorine residual of 1.0 to 3.0 ppm. A suggested dosage of 1/4 to 1/2 oz. per 1,000 gallons of water (1/4 to 1/2 oz. per 500 gallons of water) provides this residual and should be added as indicated by daily tests for the free available chlorine residual. The dosage required to maintain 1.0 to 3.0 ppm available chlorine may vary due to unusual conditions such as heavy bather loads, wind, heavy rains and high temperatures; therefore, frequent use of a reliable test kit is recommended. Using the test kit as a guide, maintain the pH at 7.2 to 7.6 and total alkalinity at 60 to 100 ppm (140 to 180 ppm). In general, 1/4 oz. of this product per 1,000 gallons of water will raise the chlorine residual by 1.0 ppm.

(sungran)

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ACCEPTED  
with COMMENTS  
NADA Letter Dated

NOV 15 1980

(SUN POOL AND SPA GRANULAR STABILIZED DRY CHLORINATING CON-  
CENTRATE - BACK PANEL)

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the purpose of  
registered under FIFRA for

9157-23

**DIRECTIONS FOR COMMERCIAL OR PUBLIC POOLS:**

- 1.) Add 11.5 g of this product to each 10,000 gallons of water weekly or as needed to maintain 3-5 parts per million (ppm) free available chlorine (fac).
- 2). Shock treat at least once per week or as needed with a calcium hypochlorite product such as "SUN BOOSTER" or "SUN BURN" SUPERCHLORINATOR AND SHOCK TREATMENT. Follow label directions. An alternate method is to add 23 g of this product for each 10,000 gallons of water. Allow pool to stand until fac drops to 5 ppm.

Cyanuric acid is used to stabilize available chlorine. Always maintain the free available chlorine residual at 3-5 ppm as determined by a test kit. Maintain cyanuric acid at approximately 50-100 ppm using a suitable test kit. Do not allow cyanuric acid concentration to exceed 100 ppm. If cyanuric acid is over 100 ppm, reduce cyanuric acid concentration by draining and replacing a portion of the water. Follow directions for chlorination.

**DIRECTIONS FOR WINTERIZING POOLS:** This product controls the growth of algae and effectively kills bacteria thus helping to keep the water in a sanitary condition. While the water is still clear and clean, prepare for long periods of disuse by gradually applying 6 oz. of this product per 1,000 gallons of water (1 lb. per 2500 gallons of water) to give a free available chlorine residual of 25 ppm. Run the pump and filter until completely dispersed.

Prepare the heater, pump and filter components for winter following the manufacturer's directions. Cover the pool with winter pool cover.

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(sgranpub)

NOV 15 1988

Under the Federal Insecticide,  
Fungicide, and Rodenticide  
Act amended, for the  
registered under E.P.

(SUN POOL AND SPA GRANULAR STABILIZED DRY CHLORINATING CON-  
CENTRATE - BACK PANEL)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in eyes, on skin, or on clothing. Do not handle with bare hands. Wear goggles or face shield and use rubber gloves and only thoroughly clean, dry utensils when handling. Irritating to nose and throat. Avoid breathing dust and fumes. Remove and wash contaminated clothing before reuse.

FIRST AID: (PRACTICAL TREATMENT)

If Swallowed: Drink large quantities of water. Do not induce vomiting. Call a physician immediately. If on Skin: Brush off excess chemical and flush skin with cold water for at least 15 minutes. If irritation persists, get medical attention. If in Eyes: Flush with cold water for at least 15 minutes. Call a physician immediately. If Inhaled: Remove person to fresh air. Call a physician immediately.

CHEMICAL HAZARDS: DANGER: Strong oxidizing agent. Use only clean, dry utensils. Mix only into water. Contamination with moisture, dirt, organic matter or other chemicals (including other pool chemicals) or any other foreign matter may start a chemical reaction with generation of heat, liberation of hazardous gases and possible generation of fire and explosion. Avoid any contact with flaming or burning material, such as a lighted cigarette. Do not use this product in any chlorinating device which has been used with any inorganic or unstabilized chlorinating compounds (e.g. calcium hypochlorite). Such use may cause fire or explosion.

ENVIRONMENTAL HAZARD: This product is toxic to fish. Do not contaminate lakes, ponds or streams by cleaning of equipment or disposal of wastes.

STORAGE AND DISPOSAL: Keep product dry in tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. Do not reuse empty container. Rinse empty container thoroughly with water to dissolve all material before discarding. Securely wrap container in several layers of newspaper and discard in trash.

EMERGENCY HANDLING: In case of contamination or decomposition, do not reseal container. If possible, isolate container in open and well ventilated area. Flood with large volumes of water. Dispose of contaminated material in an approved landfill area.