

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

26 AUG 1992

Garrett B. Schifilliti
Olin Corporation
350 Knotter Drive
Cheshire, CT 06410

Subject: PULSAR® Dry Chlorinator Pellets - 65
EPA Registration No. 1258-917
Your Amendment Dated June 10, 1992

Dear Mr. Schifilliti:

This is in response to your label modification submitted in response to PR Notice 91-7.

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. A stamped copy is enclosed for your records. Five copies of the finished labeling must be submitted before the product is released for shipment bearing the amended labeling.

1. Steps 4, 5, and 7 of the use directions indicate 0.6 to 1.0 ppm chlorine residual (1.0 to 1.5 ppm if the pool is stabilized), and a statement is added, "The pool should not be used until the 0.6 to 1.0 ppm chlorine residual is established." However, the paragraph beginning with the words "NOTE: If algae develops..." has the statement, "Pool should not be entered until the chlorine residual reads between 1.0 and 3.0 ppm...." Either increase the dosages in steps 4, 5, and 7 to be in agreement with this statement or decrease the 1.0-3.0 in this statement to agree with steps 4, 5, and 7.

2. Replace the "If Swallowed" statement in the First Aid (Practical Treatment) section with, "If Swallowed: Drink large quantities of water. Do not induce vomiting. Call a physician immediately."

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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Note that very soon, at the time of reregistration of hypochlorite products, you will be required to place the statement of Practical Treatment (First Aid) on the front panel, and to use the following text for the Environmental Hazards section:

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. 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.

In your next label amendment application for this product, submit for our records the entire labeling: include the use directions for spa and hot tub use.

If you have any questions about these comments, you may call Wallace Powell at 703-305-6938.

Sincerely,



Ruth G. Douglas
Product Manager (32)
Antimicrobial Program Branch
Registration Division (H-7504C)

Enclosure

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BEST AVAILABLE COPY

Professionally Serviced & Commercial



Allets-65
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S.

ACTIVE INGREDIENT: Calcium Hypochlorite* 65%
INERT INGREDIENTS: 35%
*AVAILABLE CHLORINE 65%

KEEP OUT OF REACH OF CHILDREN
DANGER!
CONTAMINATION MAY CAUSE FIRE!
MIX ONLY INTO WATER.
SEE PRECAUTIONARY STATEMENTS AND
FIRST AID INFORMATION ON BACK PANEL.

EPA Reg No 1258-917

EPA EST 1258-TN-1

Dry Chlor
for us
Swimm

ACCEPTED
with COMMENTS
in EPA Letter Dated:

28 AUG 1992

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

1258-917

BEST AVAILABLE

DIRECTIONS FOR POOL USE

It is a violation of federal law to use the product in a manner inconsistent with its labeling. Easy to use Olin Pulsar Pellets, Dry Chlorinator Pellets containing 65% available chlorine, are designed for use only with the Olin Pulsar Pool Feeder. Used according to the instructions provided with the feeder, the Olin Pulsar Feeder System provides a steady supply of available chlorine while the pool's filter pump is in operation controlling the growth of algae and effectively kills many bacteria thus helping to keep the pool in a sanitary condition. Four pellets weigh approximately one ounce.

1. Before use, read Installation Instructions and Operating Manual for your Olin Pulsar Pool Feeder.
2. Start the filter pump and check chlorine residual with a reliable test kit.
3. Fill pellet container with Olin Pulsar Pellets. Adjust the inflow control knob so that the indicator ball is at the top mark on the indicator tube. Initially set the control dial to three (3).
4. After 24 hours, check the chlorine residual. If 0.6 to 1.0 ppm, leave the control dial setting as is; if above 1.0 ppm, decrease the feed rate by setting the control dial to a lower number; if below 0.6 ppm, increase the feed rate by setting the control dial to a higher number. The pool should not be used until the 0.6 to 1.0 ppm chlorine residual is established.
5. Continue to monitor chlorine residual and to adjust the control dial setting until the residual remains between 0.6 and 1.0 ppm. Allow sufficient time (e.g. one day) after changing the control dial setting for the chlorine residual to readjust.
6. Always maintain pH between 7.2 and 7.6 by using a suitable pH adjuster according to directions on the label for such products.
7. If cyanuric acid is used to stabilize available chlorine, follow label directions for this product and maintain the chlorine residual at 1.0 to 1.5 ppm as determined by a test kit.

U.S. PAT. 3,065,880

Approximate Pulsar Pellet feed rate per 12 hours of filter operation:

CONTROL DIAL SETTING	0	2	4	6	8	10
OUNCES OF PULSAR PELLETS	0	1	6	16	30	60

NOTE: If algae develops, fill container with pellets, set indicator ball to top mark and control dial to ten (10). Continue to run filter until algae is visually eliminated, or until the chlorine residual is 5.0 ppm. **Maintain 5.0 - 10.0 ppm free available chlorine residual for at least 4 hours.** Pool should not be entered until the chlorine residual reads between 1.0 and 3.0 ppm (set control dial to zero until residual drops to 1.0 to 3.0 ppm). Then monitor chlorine residual until chlorine levels are as indicated in instructions 4 through 7. Thoroughly clean pool by scrubbing surface of algae growth, vacuum, and cycle through filter.

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. Place in trash collection or dispose in approved landfill area or bury in a safe place. **EMERGENCY HANDLING:** In case of contamination or decomposition, do not re-seal container. If possible, isolate container in open and well ventilated area. Flood with large volumes of water.

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 or 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 on Skin: Brush off excess chemical and flush skin with cold water for at least 15 minutes. If irritation persists, get medical attention.

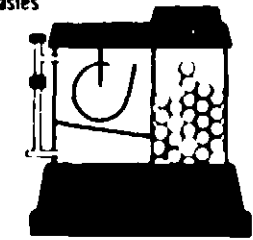
If Inhaled: Remove person to fresh air. Get immediate medical attention.

If in Eyes: Flush with cold water for at least 15 minutes. Get immediate medical attention.

If Swallowed: Give bread soaked in milk, followed by large amounts of water. If person is conscious and vomiting, place face down with head lower than hips. Get immediate medical attention.

CHEMICAL HAZARDS: Strong oxidizing agent. Do not use moist or damp utensils. For use only with Pulsar Swimming Pool Feeder. Contamination may start a chemical reaction with generation of heat, liberation of hazardous gases, and possible fire and explosion. Avoid any contact with flame or burning material, such as a lighted cigarette. Do not contaminate with moisture, garbage, dirt, organic matter, chemicals, including other pool chemicals, pool chlorinating compounds, household products, cyanuric acid pool stabilizers, soap products, paint products, solvents, acids, vinegar, beverages, oils, pine oil, dirty rags, or any other foreign matter. Do not use Pulsar Pellets in any automatic chlorinating device other than the Pulsar Pool Feeder. Do not use any type or brand of pool chlorinator tablets in the Pulsar Pool Feeder other than Pulsar Pellets. Such improper use may cause fire or explosion. Do not use moist or damp utensils. Do not permit pellets to contact metal or plastic pool linings. Do not throw pellets directly into pool.

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



Olin CHEMICALS

Consumer Products • Olin Corporation
120 Long Ridge Road, Stamford, Conn. 06304

Printed in USA

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ACCEPTED
with comments
initials dated:

28 AUG 1992

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No.
1258-917