

28 AUG 1992

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

Subject: HTH® Granular 75
EPA Registration No. 1258-1170
Your Amendment Dated June 8, 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 numbered comments below. A stamped copy is enclosed for your records.

1. Submit five copies of the finished labeling before you release the product bearing the amended labeling.
2. A net contents statement must appear on the label.

The new primary brand name "HTH® Granular 75" has been noted.

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

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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 all the uses for which the product is registered.

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

Sincerely,



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

Enclosure

HTH
GRANULAR
75

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

ACTIVE INGREDIENT:
CALCIUM HYPOCHLORITE.....75%
INERT INGREDIENTS.....25%
AVAILABLE CHLORINE..75%

EPA REG. NO. 1258-1170

EPA EST. NO. 1258-TN-1

Kills bacteria
Controls algae
Destroys organic contaminants
No need to predissolve

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.
1258-1170

OLIN CORP.
120 LONG RIDGE RD.
STAMFORD, CT. 06904

4 8 0

DIRECTIONS FOR POOL USE: It is a violation of federal law to use this product in a manner inconsistent with its labeling. This product is a concentrated chlorinating agent in a dry, free-flowing form which controls growth of algae and effectively kills many bacteria. Measure only with the clean, dry cup provided. Do not use the cup for any other purpose.

READ THE PRECAUTIONARY STATEMENTS BEFORE USE.

FOR BEST RESULTS: Add the recommended dosages of this product during evening hours while the filter pump is running. When adding this product to your pool, broadcast evenly over a wide area in the deepest part of the pool. To provide maximum product performance, swimmer comfort and crystal clear water, always maintain pH in the 7.2-7.6 range, total alkalinity in the 50-80 parts per million (ppm) range and calcium hardness above 200 ppm. Use a reliable test kit that measures all these ranges. Make necessary adjustments with the appropriate HTH Pool Care Products.

OPENING YOUR POOL: Adjust pool water pH to 7.2-7.4. Follow 'Shock Treatment' directions below. Allow 30 minutes for product to disperse and test chlorine residual with a pool test kit. Repeat dosage, as needed, until chlorine residual is 1 to 3 ppm.

ROUTINE DOSAGE: Through the pool season, adjust pH to 7.2-7.6 and add 5 to 7 oz. of this product per 10,000 gallons pool water daily or as often as needed to maintain chlorine residual at 1-3 ppm. If you have stabilized your pool using HTH Stabilizer/Conditioner (or similar product), add 2.5 to 3.5 oz. per 10,000 gallons every other day or as often as needed to maintain chlorine residual at 1-3 ppm.

As a preventative treatment, you should shock treat your pool once per week to prevent pool problems.

In addition to weekly shock treatment, you should shock treat to remedy problems which may occur when bathing loads are high, water appears hazy or dull, unpleasant odors or eye irritation occur, after heavy wind and rainstorms, or if algae does develop with resulting green color and slimy feeling.

SHOCK TREATMENT: Broadcast over a large area of the pool Use 1 lb. (16 oz.) of this product per 12,000 gallons of water (to provide a dosage of 7.5 ppm free available chlorine). If the sides or bottom develop algae spots, direct this product as close to the algae as possible. Note: Prolonged contact with pool surfaces may cause staining or bleaching. Immediately after treatment, thoroughly clean pool by scrubbing surface of algae growth, vacuum and cycle through filter. If necessary, repeat the treatment. Pool should not be entered until the chlorine residual is 1.0 to 3.0 ppm.

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

1258-1172

BEST AVAILABLE COPY

WINTERIZING:

This product controls algae, kills bacteria, and destroys organic contaminants. While the water is still clear and clean, prepare for long periods of disuse by gradually applying 4 lbs. (64 oz.) of this product per 12,000 gallons of water (to provide a dosage of 30 ppm free available chlorine). Run the filter until completely dissolved. Cover the pool with a plastic pool cover and prepare the heater, pump and filter components for winterizing by following manufacturers directions.

OTHER USES: Ask your HTH pool chemical supplier or write to Olin Corp. for specific literature on other accepted uses.

TO DETERMINE YOUR POOL CAPACITY IN U.S. GALLONS, USE THE APPROPRIATE FORMULA BELOW:

<u>POOL SHAPE</u>	<u>FORMULA (Use measurements in feet only)</u>
RECTANGULAR TOTAL GALLONS	LENGTH X WIDTH X AVERAGE DEPTH X 7.5 =
ROUND TOTAL GALLONS	DIAMETER X DIAMETER X AVERAGE DEPTH X 5.9 =
OVAL DEPTH X 5.9 = TOTAL GALLONS	MAXIMUM LENGTH X MAXIMUM WIDTH X AVERAGE
FREEFORM TOTAL GALLONS	SURFACE (SQ. FEET) X AVERAGE DEPTH X 7.5 =

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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 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. Call a physician immediately.

IF IN EYES: Flush with cold water for at least 15 minutes. Call a physician immediately.

IF SWALLOWED: Drink large quantities of water. Do not induce vomiting. Call a physician immediately.

CHEMICAL HAZARDS: Danger: strong oxidizing agent. Mix only into water. 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 moist or damp utensils.

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 this product dry in a tightly closed container when not in use. Do not reuse empty container. Rinse empty container thoroughly with water to dissolve all material before discarding. 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 material before discarding this container. Place in trash collection. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

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