

APR 13 1990

Mr. G.B. Schifilliti
Olin Corporation
120 Long Ridge Road
Stamford, CT 06904

Dear Mr. Schifilliti:

Subject: Product Name: HTH EXTRA STRENGTH DRY CHLORINATOR GRANULAR
FOR SPARKLING CLEAR POOL WATER
EPA Reg. No.: 1258-1170
Amendment of: October 20, 1989 requesting an additional brand
name and update of Statement of Practical
Treatment

A review of your amendment has been conducted and the following
comments apply.

- o The additional brand name HTH Extra Dry Chlorinator Granular is acceptable.
- o The update of the Statements of Practical Treatment are acceptable.

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

Sincerely yours,



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

58561:I:Pringle:K-7:KENCO:04/12/90:05/11/90:ka:VO:EK:CL

CONCURRENCES						
SYMBOL	H7505C					
SURNAME	Pringle					
DATE	4-11					

HTH EXTRA STRENGTH DRY
CHLORINATOR GRANULAR
FOP SPARKLING CLEAR POOL WATER

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

ACCEPTED
with COMMENTS
in EPA Letter Dated:

APR 18 1980

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
1258-117 C

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

EPA REG. NO. 1258-1170

EPA EST. NO. 1258-TN-1

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. Then add 1 oz. o. this product per 1,000 gallons pool water. Allow 5 minutes to dissolve and test chlorine residual with a pool test kit. Repeat dosage, if needed, until chlorine residual is 1-3 ppm.

(hthextra)

BEST AVAILABLE COPY

ROUTINE DOSAGE: Through the pool season, adjust pH to 7.2-7.6 and add 3-4 oz. of this product per 5,000 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 1.5-2 oz. per 5,000 gallons every other day or as often as needed to maintain chlorine residual at 1-3 ppm. Stabilized pools should also be superchlorinated weekly by adding 1 oz. of this product per 1,000 gallons pool water. You may only need to superchlorinate every other week if your local temperature is below 80 deg. F.

SHOCK TREATMENT: In case of algae, colored water, unpleasant odors or swimmers' burning eyes, adjust pH to 7.2-7.4. Then add 2 oz. of this product per 1,000 gallons pool water. Scrub visible algae from pool surfaces and vacuum. Run filter pump for at least 24 hours after shock treatment. Repeat treatment the following day if necessary. Do not enter pool until chlorine residual is 1.0-3.0 ppm.

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	LENGTH X WIDTH X AVERAGE DEPTH X 7.5 = TOTAL GALLONS
ROUND	DIAMETER X DIAMETER X AVERAGE DEPTH X 5.9 = TOTAL GALLONS
OVAL	MAXIMUM LENGTH X MAXIMUM WIDTH X AVERAGE DEPTH X 5.9 = TOTAL GALLONS
FREEFORM	SURFACE (SQ. FEET) X AVERAGE DEPTH X 7.5 = TOTAL GALLONS

OLIN WATER PRODUCTS AND SERVICES
OLIN CORPORATION
120 LONG RIDGE ROAD
STAMFORD, CT. 06904

(HTHEXTRA)

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.