

1258-1170

1 of 5

SEP 05 1991

Mr. Garrett B. Schifilliti
Olin Chemicals
350 Knottar Drive
P.O. Box 586
Cheshire, CT 06410-0586

Dear Mr. Schifilliti:

Subject: Revising Use Directions
HTH Extra Strength Dry Chlorinator Granular for
Sparkling Clear Pool Water
EPA Registration No. 1258-1170
Your Amendment Dated October 9, 1990

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 you release the product for shipment.

- Revise your Environmental Hazards statements in accordance with those in the Sodium and Calcium Hypochlorite Registration Standard.

Sincerely yours,

BEST AVAILABLE COPY

Ruth G. Douglas
Acting Product Manager (32)
Antimicrobial Program Branch
Registration Division (H7505C)

Enclosure

62783;I;Pringle;L32-12;KEVRIC;06/24/91;07/24/91;DD;WO;AW
R;62789;Pringle;L32-12;KEVRIC;07/30/91;08/29/91;DD;WO;CL

CONCURRENCES

SYMBOL	W-754.e						
SURNAME	Pringle						
DATE	8-1-91						

1258-1170

**HTH EXTRA STRENGTH DRY
CHLORINATOR GRANULAR
FOR SPARKLING CLEAR POOL WATER**

KEEP OUT OF REACH OF CHILDREN

DANGER

O - Delete

**CONTAMINATION MAY CAUSE FIRE
MIX ONLY INTO WATER
SEE PRECAUTIONARY STATEMENTS AND
FIRST AID INFORMATION ON BACK PANEL**

**ACCEPTED
with COMMENTS
EPA Letter Dated:
SEP 06 1991**

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

1258-1170

ACTIVE INGREDIENT:

**CALCIUM HYPOCHLORITE.....75%
INERT INGREDIENTS.....25%
AVAILABLE CHLORINE.....75%**

EPA REG. NO. 1258-1170

EPA EST. NO. 1258-TN-1

- IMPROVED
- STRONGER
- NOW MORE POWERFUL
- FAST ACTING
- WORKS FASTER
- CONCENTRATED
- LESS RESIDUE
- FASTER DISSOLVING
- EXTRA STRENGTH
- KILLS BACTERIA
- CONTROLS ALGAE
- DESTROYS ORGANIC CONTAMINANTS
- NO NEED TO PREDISSOLVE

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

9555

(extra1090)

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 MTH 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:

POOL SHAPE FORMULA (Use measurements in feet only)

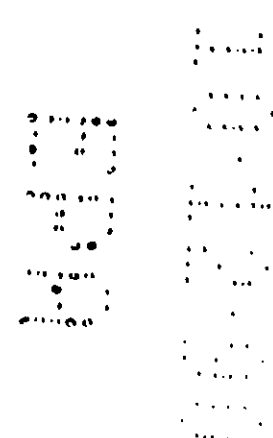
RECTANGULAR LENGTH X WIDTH X AVERAGE DEPTH X 7.5 =
TOTAL GALLONS

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

(extral090)



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.

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:

Do not store or attempt to reseal partially used bag. Use entire contents of bag when treating pool. (for 1 lb bag only)
Keep this product dry in a tightly closed container when not in use. (for resealable container labeling only) 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.

