

OCT 16 1986

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

Attention: H.H. Klein

Gentlemen:

Subject: Olin HTH Dry Chlorinator Granular-62
EPA Registration No. 1258-978

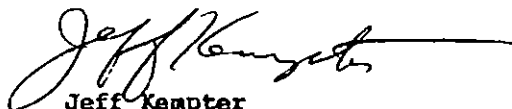
The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Sincerely yours,



Jeff Kempter
Product Manager (32)
Disinfectants Branch
Registration Division (TS-767C)

E93704-Pringle:K-1:KENCO:10/15/86:10/27/86:sj:vo
Enclosure

CONCURRENCES							
SYMBOL ▶	TS-767C						
SURNAME ▶	Pringle						
DATE ▶	10-15						

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 16 1986

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

1258-978

ACTIVE INGREDIENT	
Calcium Hypochlorite*	62
INERT INGREDIENTS	38
*AVAILABLE CHLORINE	62

NET WT. 25 LBS. (11.4 Kg)

Clin

CCF

HTH DRY CHLORINA
GRANULAR

FOR INDUSTRIAL APPLICATIONS
AND SWIMMING POOLS

EPA Reg No 1258-⁹⁷⁸
EPA Est No 1258-TN-1

DIRECTIONS FOR POOL USE: It is a violation of federal law to use the product in a manner inconsistent with its labeling. **Olin Dry Chlorine Granular** is a concentrated chlorine agent in dry, free flowing form. CCH controls growth of algae and effectively kills many bacteria thus helping to keep the pool in a sanitary condition. Use clean, dry cup mixed to measure **CCH Granular**.

READ THE PRECAUTIONARY STATEMENTS BEFORE USE.

INITIAL CHLORINATION: For initial chlorination of any pool water, add 1 oz. **CCH** for each 1,000 gallons. Allow 5 minutes to dissolve and then test the chlorine residual with a pool test kit and if below 1.0 ppm (parts per million) repeat this dosage until 1.0 ppm is obtained. Pool should not be entered until chlorine residual reads 1.0-3.0 ppm.

ROUTINE CHLORINATION DOSAGE: Subsequently add 3/4 oz. of **CCH** per 5,000 gallons daily or as often as needed to maintain 1.0 ppm, whether the pool is in use or not. Use a test kit frequently to determine chlorine residual. If any chlorine residual is present, it is possible to increase the residual in pool water by 1.0 ppm by using 1 oz. per 5,000 gallons of water. For best results, add **CCH Granular** as a solution (1 oz. in 2 qts. of water) to the pool water and scatter the granular material directly over the pool surface.

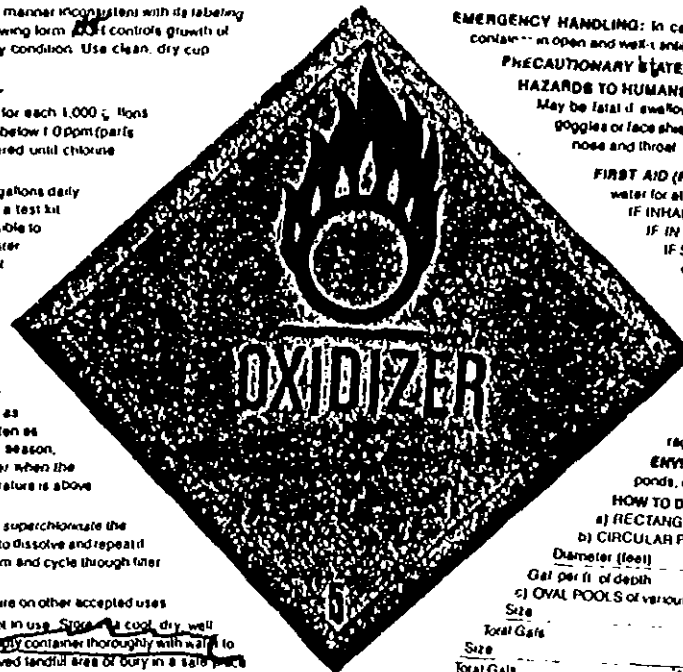
MAINTENANCE OF pH: pH should be maintained in the 7.2-7.6 range. Use any product available for this purpose. Follow directions on the label. Maintaining 1.0 ppm (parts per million) chlorine residual and a 7.2-7.6 pH range will result in clean sparkling water.

STABILIZED POOLS: If cyanuric acid is used to stabilize available chlorine, follow label directions for that product. Always maintain the chlorine residual at 1.0-1.5 ppm as determined by test kit. Add 3 oz. of **CCH** per 10,000 gallons every other day or as often as needed to maintain 1.0-1.5 ppm chlorine residual. To control algae during the pool season, superchlorinate every two weeks at the rate of 1 oz. **CCH** per 1,000 gallons of water when the average afternoon temperature is below 80°F, and once every week when the temperature is above 80°F. Pool should not be entered until chlorine residual reads 1.0-3.0 ppm.

SHOCK TREATMENT OR SUPERCHLORINATION: If algae develop, shock treat or superchlorinate the pool water by adding 1 oz. **CCH** for each 500 gallons of water. Allow 5 minutes for **CCH** to dissolve and repeat if necessary. Thoroughly clean pool by scrubbing surface of algae growth, then vacuum and cycle through filter. Pool should not be entered until chlorine residual reads 1.0-3.0 ppm.

OTHER USES: Ask your **CCH** supplier or write to Olin Corporation for specific literature on other accepted uses.

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. In case of decomposition, isolate container (if possible) and flood area with large amounts of water to dissolve all materials before discarding the container. Do not reuse empty container but place in trash collection. Do not contaminate food or feed by storage or disposal or cleaning of equipment.



EMERGENCY HANDLING: In case of contamination or decomposition, do not reuse container. If possible, isolate container in open and well-ventilated area. Flood with large volume 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. Irritation of nose and throat. Avoid breathing dust and fumes. Remove and wash contaminated clothing before reusing.

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 **water**. Do not induce vomiting. Get immediate medical attention.

CHEMICAL HAZARDS: Danger: strong oxidizing agent. Mix only with water. Contamination may start a chemical reaction with generation of heat, liberation of hazardous gases and possible fire and explosion. Avoid dry contact with flammable or burning material, such as a lighted cigarette. Do not contaminate with moisture, garbage, dust, organic matter, chemicals including other oxidizing agents, pool chlorinating compounds, household products, cyanuric acid, stabilizers, soap products, paint products, solvents, acids, vinegar, beverages, or pure oil, dirty rag or any other foreign matter. Do not use moist or damp utensils.

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

HOW TO DETERMINE POOL CAPACITY (in U.S. Gals.)

a) RECTANGULAR or SQUARE POOLS: Multiply length x width x feet depth x 7.5. b) CIRCULAR POOLS of various diameters, gallons per foot of depth are as follows:

Diameter (feet)	22	18	15	12	9
Gal per ft. of depth	2850	1900	1320	850	480
c) OVAL POOLS of various sizes 4 ft. deep					
Size	31x16	31x16	26x16	25x16	
Total Gals	14,630	13,150	11,760	10,300	
Size	27x12	24x12	21x12	18x12	
Total Gals	8,700	7,650	6,500	5,220	

UN 1748 CALCIUM HYPOCHLORITE MIXTURE, DRY

No. 727 31 January 1979 Certified for use as an article of stores on board vessels. This certification covers only hazard in the use of this product. The efficiency of the product is not passed upon.

CCH is a registered trademark of Olin Corporation.

Olin CHEMICALS CONSUMER PRODUCTS • OLIN CORPORATION, 120 LONG RIDGE ROAD, STAMFORD, CT. 06904

STORAGE AND DISPOSAL

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Do not induce vomiting