

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.  
1258-1115

DATE OF ISSUANCE  
21 MAY 1987

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT  
HTH SYSTEM II GRANULAR

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Olin Corporation  
350 Knotter Drive  
Cheshire, CT 06410

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) 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. Add the phrase "EPA Registration No. 1258-1115" to your label before you release the product for shipment.
3. The enclosed accelerated storage and stability data for 20 days at 45 °C indicate that product degraded in available chlorine from 64.5% to 54.0% which is equivalent to 16% degradation in available chlorine. These data would be acceptable on interim basis.
4. The results of 12-month stability test must be received by the Agency within 2 years after the granting of registration. All percentages should be declared to the same decimal place and the percentage of available chlorine should not be lined up with the percentages of the active and inert ingredients.

ATTACHMENT IS APPLICABLE

**BEST AVAILABLE COPY**

SIGNATURE OF APPROVING OFFICIAL

DATE

*Pringle 5/15*

1258-1115  
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5. Submit two (2) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

A copy of your proposed label with our acceptance stamp is included with this registration with the understanding that you will comply with the conditions in the attachment to the Registration Notice.

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.



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

Enclosures

BEST AVAILABLE COPY

HTH SYSTEM II GRANULAR EPA Reg. No.

NET WT. 25 lbs. 11.4 kg

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

MAY 21 1987

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

1358-1115

Active ingredients:

|  |      |       |
|--|------|-------|
| Calcium Hypochlorite*.....                                   | 55   | 50%   |
| Copper (as elemental) from Cupric Sulfate penta-Hydrate..... | 1.4  | 1.75% |
| Inert Ingredients.....                                       | 43.6 | 100%  |
| *Available Chlorine.....                                     | 55   | 50%   |

Direction for Pool Use: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Olin HTH Dry Chlorinator Granular is a concentrated chlorinating agent in a dry, free-flowing form which controls growth of algae and effectively kills many bacteria thus helping to keep the pool in a sanitary condition. Use clean, dry, cup enclosed to measure HTH Granular.

READ PRECAUTIONARY STATEMENTS BEFORE USE:

**INITIAL CHLORINATION:** For initial chlorination of any pool water, add 19 oz. HTH for each 10,000 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 CHLORINE DOSAGE:** Subsequently, add 9 oz. of HTH per 10,000 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 the pool water by 1 ppm by using 2 oz. per 10,000 gallons of water. For best results, add HTH Granular as a solution (1oz. in 2qts. of water) to the pool water or 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 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 instructions for that

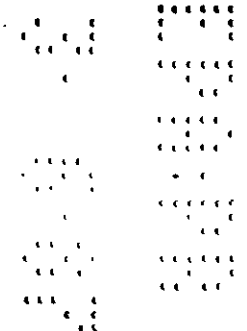
BEST AVAILABLE COPY

product. Always maintain the chlorine residual at 1.0-1.5 ppm as determined by test kit. Add 2 oz. of HTH per 10,000 gallons daily 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 19 oz. HTH per 10,000 gallons of water when the 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 1.0-3.0ppm.

**SHOCK TREATMENT OR SUPERCHLORINATION:** If algae develop, shock treat or superchlorinate the pool water by adding 19 oz. HTH for each 10,000 gallons of water. Allow 5 minutes for HTH 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 HTH supplier or write to Olin Corporation for specific literature on other accepted uses.

EXPIRES 12/31/80



## 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, in skin or on clothing. Do not handle with bare hands. When handling, wear rubber gloves and goggles or face shield and use only thoroughly clean dry utensils. Irritating to nose and throat. Avoid breathing dust and fumes. Remove and wash contaminated clothing before reuse.

#### ENVIRONMENTAL HAZARD

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

#### 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 materials, 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.

#### STORAGE AND DISPOSAL

Keep this product dry in a 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 this 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.

## Olin

Olin Corporation  
120 Long Ridge Road  
Stamford, CT 06904

EPA REG. NO. 1258-124  
EPA EST. NO.

**BEST AVAILABLE COPY**

## KEEP OUT OF REACH OF CHILDREN DANGER

**CONTAMINATION MAY CAUSE FIRE!  
DO NOT MIX WITH OTHER SUN CHEMICALS OR  
OTHER CHEMICALS. MIX ONLY INTO WATER.**

### FIRST AID (PRACTICAL TREATMENT)

If swallowed: Drink large quantities of water. Do not induce vomiting. Call a physician immediately.

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 in eyes: Flush with cold water for at least 15 minutes. Call a physician immediately.

If inhaled: Remove person to fresh air. Call a physician immediately.

SEE PRECAUTIONARY STATEMENTS ON BACK PANEL.

**NET WT. 1 LB. (0.45 KG)**