

1258-1237

11-9-2000

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 <p style="text-align: center;">U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Antimicrobials Division (H7510C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p style="text-align: center;">NOTICE OF PESTICIDE: <u> x </u> Registration <u> </u> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number: 1258- 1237	Date of Issuance: NOV - 9 2000
	Term of Issuance: Conditional	
	Name of Pesticide Product: HTH Pool Shock	
Name and Address of Registrant (include ZIP Code): Arch Chemicals Inc. 501 Merritt 7 Norwalk, CT 06856		
<p>Note: Changes in labeling 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 EPA registration number.</p> <p>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.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.</p> <p style="text-align: center;">This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4. 2. Make the following label changes: <ol style="list-style-type: none"> a. Revise the EPA Registration Number to read, "EPA Reg. No. 1258-1237. b. In the proposed label in the ingredient statement, the term "Active Ingredient" must be in singular, it should be "Active Ingredient". c. The Child Resistant Packaging is required. 		
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Signature of Approving Official: 	Date: NOV 9 2000	
Robert S. Brennis, Acting PM 32		

- d. Align the "Ingredient Statement" to read:

ACTIVE INGREDIENT	
CALCIUM HYPOCHLORITE	47.6%
OTHER INGREDIENTS	52.4%
TOTAL	100.0%

Minimum Available Chlorine 45%

- e. Revise the "Precautionary Statements" to read:
Corrosive. Causes irreversible eye damage or skin burns. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Wear goggles or face shield. Wear Protective clothing and rubber gloves. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.
- f. Under the "First Aid" Statement the following "Note to Physician" statement is required for the subject product:

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

- 3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.

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HTH POOL SHOCK
SHOCK TREATMENT & SUPERCHLORINATOR
FOR SWIMMING POOLS

KEEP OUT OF REACH OF CHILDREN (12 Pt. Type Min.)

DANGER (16 Pt. Type Min.)

SEE PRECAUTIONARY STATEMENTS ON BACK PANEL

ACCEPTED
with COMMENTS
in EPA Letter # 1237

NOV 9 2000

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
extended for the
registered under EPA

1258-1237

ACTIVE INGREDIENTS:	
CALCIUM HYPOCHLORITE.....	47.6%
OTHER INGREDIENTS.....	52.4%
TOTAL.....	100%

Minimum Available Chlorine...45 %

EPA Reg. # 1258-

EPA Est. # 1258-TN-1

FIRST AID:

If swallowed:-Call a poison control center or doctor immediately for treatment advice.

- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

If on skin or clothing:-Take off contaminated clothing.

- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

If inhaled:-Move person to fresh air.

- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

If in eyes:-Hold eye open and rinse slowly and gently with water for 15-20 minutes.

- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

IN CASE OF EMERGENCY CALL: 1-(800) 654-6911

Arch Chemicals Inc.
501 MERRITT 7
NORWALK, CT. 06856

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Net Wt. 1 Lb. (0.45 KG)

Kills bacteria, Destroys organic contaminants,
No need to predissolve, Shock Treatment (and) Superchlorinator for Swimming Pools,
Restores a crystal clarity to pool water, Buffered Sanitizer, Oxidizer, Removes organic
waste and produces sparkling clean swimming pool water. For pool startup and weekly
shock treatment, for heavy bather loads or after heavy rains.

READ ALL PRECAUTIONARY STATEMENTS BEFORE USE.

This product is a concentrated chlorinating agent. It is in a dry, free-flowing form. It kills bacteria and destroys organic contaminants in pools.

DIRECTIONS FOR USE: It is a violation of federal law to use this product in a manner inconsistent with its labeling.

ACCEPTED
with COMMENTS
in EPA Letter Dated

NOV 9 2000

FOR SWIMMING POOL SHOCK TREATMENT

Under the Federal Insecticide, Fungicide, and Rodenticide Act, registered under...

HOW TO USE

USE ENTIRE CONTENTS WHEN OPENED. (For 1 Lb. Bag)

Add the recommended dosages of this product while the filter pump is running. When adding this product to your pool, broadcast the product evenly over a wide area in the deepest part of the pool.

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DOSAGE RATE

Adjust and maintain pH to 7.2 - 7.6 with HTH pH Plus or HTH pH Minus. Follow label directions. Add 1 lb. (16 oz.) of this product per 10,000 gallons of water weekly to help prevent pool problems.

An additional shock treatment {1 lb. (16 oz.) per 10,000 gallons of water} may be required to correct problems which are caused by:

- * visible algae
- * high bathing loads
- * heavy wind and rainstorms

Additional shock treatments will also remove

- * unpleasant odors
- * eye irritation

Do not reenter pool until the free available chlorine residual is 1.0 to 3.0 ppm.

Shock treat your pool when opening, then weekly to prevent pool problems.

WATER BALANCE:

For best product performance, swimmer comfort and crystal clear water:

- * Maintain pH in the 7.2-7.8 range
- * Maintain total alkalinity in the 60-100 parts per million (ppm) range
- * Maintain calcium hardness above 200 ppm.
- * Maintain available chlorine level at 1-3 ppm with the use of your normal

sanitizer.

Use a reliable test kit that measures all these ranges. Use the HTH Pool Care products to make adjustments. Follow label directions for each product.

SEWAGE & WASTEWATER EFFLUENT TREATMENT

The disinfection of sewage effluent must be evaluated by determining the total number of coliform bacteria and/or Fecal coliform bacteria, as determined by the Most Probable Number (MPN) procedure, of the chlorinated effluent has been reduced to or below the maximum permitted by the controlling regulatory jurisdiction.

On the average, satisfactory disinfection of secondary waste water effluent can be obtained when the chlorine residual is 0.5 ppm after 15 minutes contact. Although the chlorine residual is the critical factor in disinfection, the importance of correlating chlorine residual with bacterial kill must be emphasized. The MPN of the effluent, which is directly related to the water quality standards requirements, should be the final and primary standard and the chlorine residual should be considered an operating standard valid only to the extent verified by the coliform quality of the effluent.

The following are critical factors affecting waste water disinfection.

1. Mixing: It is imperative that the product and the waste water be instantaneously and completely flash mixed to assure reaction with every chemically active soluble and particulate component of the waste water.
2. Contacting: Upon flash mixing, the flow through the system must be maintained.
3. Dosage/Residual Control: Successful disinfection is extremely dependent on response to fluctuating chlorine demand to maintain a predetermined, desirable chlorine level. Secondary effluent should contain 0.2 to 1.0 ppm chlorine residual after a 15 to 30 minute contact time. A reasonable average of residual chlorine is 0.5 ppm after 15 minutes contact time.

EFFLUENT SLIME CONTROL - Apply a 100 to 1000 ppm available chlorine solution at a location which will allow complete mixing. Prepare this solution by mixing 2 to 20 oz. of this product with 100 gallons of water. Once control is evident, apply a 15 ppm available chlorine solution. Prepare this solution by mixing 0.3 oz. of this product with 100 gallons of water.

STORAGE & DISPOSAL

- Keep this product dry in its tightly closed container when not in use.
- Store in a cool, dry, well-ventilated area
- Keep away from heat or open flame
- Do not reuse empty container.
- Place in trash collection.
- Do not contaminate food or feed by storage or disposal or cleaning of equipment.
- **DISPOSAL FOR A CONTAMINATED OR DECOMPOSING PRODUCT:**
- **DO NOT** reseal container if the product:
 - gives off heat
 - gives off hazardous gases
 - bubbles
- Isolate it (if possible).
- Next, flood decomposing product with large amounts of water to dissolve this product.
- Then, throw away the container and any contaminated material in an approved landfill area.

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PRECAUTIONARY STATEMENTS:

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER. Highly corrosive.

- Causes irreversible eye damage and skin burns.
- 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. Only use utensils which are thoroughly clean and dry.
- Irritating to nose and throat.
- Avoid breathing dust and fumes.
- Remove and wash contaminated clothing before reuse.
- Harmful if swallowed.

CHEMICAL HAZARDS: DANGER. Strong oxidizing agent.

Add only into water. Contamination may start a chemical reaction. This reaction can give off heat, hazardous gases and may cause a fire or explosion. DO NOT touch this chemical with a flame or burning material, (like a lighted cigarette).

Keep all of these away from this product: moisture, garbage, dirt, 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.

ENVIRONMENTAL HAZARD: This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, ponds, streams, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

EMERGENCY HANDLING: In case of contamination or decomposition:

1. Do not reseal container.
1. Place the container in an open and well ventilated area by itself (if possible).
1. Flood with large amounts of water until the material is dissolved.
1. Place contaminated material in an approved landfill area.

ARCH HELPLINE

Toll-Free -800-222-2348

Call 7 days a week with your questions conning pool water care.

8:00 a.m. - 10:00 p.m. Eastern Time

Visit Waterworks <http://archwaterworks.com>

REGISTERED
with CONDITIONS
in EPA Letter 80-16

NOV 9 2000

Under the provisions of the
Fungicide, and Herbicide Act,
amended, for the purpose
registered under F. 201

1258-1237