

1258-1240

07/12/2001

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510C)
401 M St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
1258-1240

Date of Issuance:
July 12, 2001

Term of Issuance: Conditional

Name of Pesticide Product: HTH Granular
Sanitizer/Shock

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Arch Chemicals, Inc.
501 Merritt 7
Norwalk, CT 06856

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


This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

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
2. Submit one copy of the revised final printed label for the record.
3. Change the registration number on the label to read "EPA Reg. No. 1258-1240".
4. Submit a revised Confidential Statement of Formula by indicating the source product (under item #12) as 1258-161.

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.

Signature of Approving Official:


Robert S. Brennis
Product Manager 32

Date:

7/12/01

{Note: Text in brackets {xxx} is administrative information to explain certain information and is not meant to be label copy}

HTH GRANULAR SANITIZER/SHOCK

KEEP OUT OF REACH OF CHILDREN

DANGER

CONTAMINATION MAY CAUSE FIRE

MIX ONLY INTO WATER

SEE PRECAUTIONARY STATEMENTS ON BACK PANEL

- Shock Treatment for a Crystal Clear Pool
- Kills Bacteria
- Controls Algae
- Destroys Organic Contaminants (Perspiration, Suntan Oil)
- No Need to Pre-dissolve, No Residue, Fast Acting, Quick Dissolving, Fast Dissolving,
- multi-purpose sanitizer for Crystal Clear Water
- Shock Treatment for a Crystal Clear Pool
- Shock Treats 15,000 Gallons {for 1 Lb. Bag only}

ACTIVE INGREDIENT:
 CALCIUM HYPOCHLORITE.....73%
 OTHER INGREDIENTS.....27%
 TOTAL.....100%

MINIMUM AVAILABLE CHLORINE..70%

EPA Reg. # 1258- EPA Est. # 1258-TN-1

REUN

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.

- Questions About Your Pool? Call 1-800 -222-2348)
- visit our website at www.hthhelp.com
- Net Wt. 1 lb (.45 kg)

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 12 2001

Under the Federal Insecticide,
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PRECAUTIONARY STATEMENTS:

HTH Water Treatment Products has always been concerned about your safety. Please read the following statements before use:

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.

CHEMICAL HAZARDS: DANGER. Strong oxidizing agent. Do not contaminate this product with any organic or inorganic matter. Mix only into water. Contamination may cause an with generation of heat, liberation of hazardous gases, and possible fire and explosion

EMERGENCY HANDLING: In case of contamination or decomposition, isolate container in an open and well-ventilated area. Flood with large amounts of water to dissolve all materials. Dispose of contaminated material in an approved landfill area.

For further assistance, please call the toll-free HTH Emergency Hotline Number: **800-654-6911**

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 public 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.

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STORAGE AND DISPOSAL

- Store this product in a cool, dry well-ventilated area away from heat or flame
- Rinse empty container with large amounts of water and discard in trash
- Do not contaminate food or feed by storage or disposal, or cleaning of equipment.
- In case of contamination or decomposition, see see Emergency Handling instructions

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

Always use entire contents {for 1 Lb. Bag only}

WHEN YOU SHOULD USE This Product

This product is a multi-purpose sanitizer/shock product that is convenient and easy to use. For crystal clear pool water, HTH Water Products recommends following routine cleaning directions and shocking your pool at least once a week.

HOWEVER, additional shocking is recommended to destroy extra contaminants that result from:

- Rain and heavy winds
- High number of swimmers
- Increased water temperature
- Increased frequency of pool usage

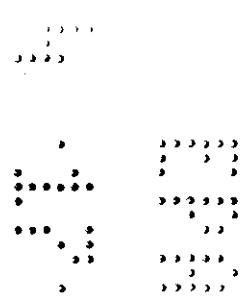
How to Use This Product:

1. Ensure pH levels are between 7.2 and 7.8
2. While the pump is running, broadcast the recommended dosage evenly over wide area in the deepest part of the pool
3. For best results, add during evening hours and ensure pump runs for at least 2 hours
4. Available chlorine level must be between 1 and 4 parts per million (ppm) before re-entering the pool.

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HTH 5 Point Program for Crystal Clear Water

Opening Your Pool

- 1. Ensure all pool equipment is clean and works properly.
- 2. Ensure your pool water is balanced, see below.
- 3. Shock treat using
 {one of the following will be used, all dosages are equivalent to a dose of 5.5 ppm available chlorine}

- 10 ounces per 10,000 gallons of water
- 11 ounces per 11,000 gallons of water
- 12 ounces per 12,000 gallons of water
- 13 ounces per 13,000 gallons of water
- 14.5 ounces per 14,000 gallons of water
- 16 ounces per 15,000 gallons of water
- 17 ounces per 16,000 gallons of water
- 17.5 ounces per 17,000 gallons of water
- 18 ounces per 18,000 gallons of water
- 19 ounces per 19,000 gallons of water
- 20 ounces per 20,000 gallons of water

depending on water conditions, additional shock may be necessary.

Routine Cleaning & Sanitizing.

Routine cleaning is necessary to maintain crystal clear pool water and helps prevent bacteria and algae formation. Throughout the pool season, ensure your pH levels are between 7.2 and 7.8 and free available chlorine levels are between 1 and 4ppm.

For unstabilized pools: add

{one of the following will be used, all dosages are equivalent to a dose of 2-3 ppm available chlorine}

- 4 - 6 ounces per 10,000 gallons of water daily
- 5 - 7 ounces per 12,000 gallons of water daily
- 6 - 8 ounces per 15,000 gallons of water daily
- 7 - 10 ounces per 18,000 gallons pool water daily
- 8 - 11 ounces per 20,000 gallons pool water daily

For pools stabilized with HTH Stabilizer/Conditioner:

{one of the following will be used, all dosages are equivalent to a dose of 2-3 ppm available chlorine}

- 4 - 6 ounces per 10,000 gallons of water every other day
- 5 - 7 ounces per 12,000 gallons of water every other day
- 6 - 8 ounces per 15,000 gallons of water every other day
- 7 - 10 ounces per 18,000 gallons pool water every other day
- 8 - 11 ounces per 20,000 gallons pool water every other day

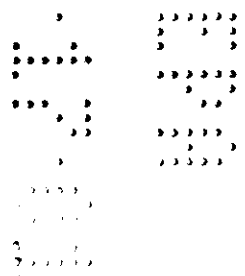
(Alternate Routine Cleaning & Sanitizing.

Use appropriate Dry Chlorinating Product. Follow label directions on that product.)

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Water Balance

Throughout the pool season use a reliable test kit to maintain the following readings:

- Free Available Chlorine 1-4 ppm
- pH: 7.2 - 7.8
- Calcium hardness: Above 200 ppm
- Total alkalinity: 60-120 ppm

Weekly Shock Maintenance

1. Check and adjust pH levels
2. Shock treat with

{one of the following will be used, all dosages are equivalent to a dose of 5.5 ppm available chlorine}

- 10 ounces per 10,000 gallons of water
- 11 ounces per 11,000 gallons of water
- 12 ounces per 12,000 gallons of water
- 13 ounces per 13,000 gallons of water
- 14.5 ounces per 14,000 gallons of water
- 16 ounces per 15,000 gallons of water
- 17 ounces per 16,000 gallons of water
- 17.5 ounces per 17,000 gallons of water
- 18 ounces per 18,000 gallons of water
- 19 ounces per 19,000 gallons of water
- 20 ounces per 20,000 gallons of water

Additional shocking may be required depending on water conditions

Algae Treatment

When used properly, this product controls the formation of algae. However, if algae develops:

1. Pour product, as close to algae as possible. Use

{one of the following will be used, all dosages are equivalent to a dose of 5.5 ppm available chlorine}

- 10 ounces per 10,000 gallons of water
- 11 ounces per 11,000 gallons of water
- 12 ounces per 12,000 gallons of water
- 13 ounces per 13,000 gallons of water
- 14.5 ounces per 14,000 gallons of water
- 16 ounces per 15,000 gallons of water
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- 2. Immediately scrub affected area and vacuum through filter
- 3. Repeat if necessary

Note: Prolonged contact with pool surface may cause staining or bleaching

For persistent algae problems, use appropriate shock product in conjunction with appropriate Algaecides.

Winterizing

- 1. Treat with 32 oz., of this product per 10,000 gallons pool water
- 2. Run filter until completely dissolved
- 3. Adjust pH to prevent scaling
- 4. Cover pool

(CHART TO CALCULATE POOL CAPACITY IN US GALLONS)

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 AREA (SQ. FEET) X AVERAGE DEPTH X 7.5 = TOTAL GALLONS

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

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