

1258-1246

6/27/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

JUN 27 2012

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Joanna Holcombe, Regulatory Specialist
Arch Chemicals Inc
5660 New Northside Drive NW
Suite 1100
Atlanta, GA 30328

Subject HTH Super Sock It Shock N Swim Shock Treatment & Superchlorinator
For Swimming Pools
EPA Registration Number 1258-1246
Notification Date June 4, 2012
Notification Pin Punch June 5 2012

Dear Ms Holcombe

This acknowledges receipt of your Notification submitted in accordance with the provisions of PR Notice 98-10 under the Federal Insecticide Fungicide, and Rodenticide Act (FIFRA) section 3(c) 9

Proposed Notifications

Addition of optional Spanish translation of signal word
Option to move the First Aid and Precautionary Statements from Front Panel with accompanying instructional referrals to their location as needed Justification provided
Addition of optional Spanish translation of If you do not understand the label, find someone to explain it to you in detail directly above the Directions for Use
Addition of bracketed instructional information for label reviewer of DRAFT labels

General Comments

Based on a review of the material submitted, the Notification is acceptable

Should you have any questions or comments concerning this letter, please contact Tom Luminello at (703) 308-8075 or Luminello Tom@EPA GOV

Sincerely,

A handwritten signature in black ink that reads "Tom Luminello".

for Monisha Harris
Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)

Note to reviewer
[Items in brackets [AAA] are optional and may/may not be included on final label]
{Items in braces {AAA} are for information purposes and will not appear on final label}

HTH[®] SUPER SOCK IT[®] SHOCK N' SWIM SHOCK TREATMENT & SUPERCHLORINATOR FOR SWIMMING POOLS

Active Ingredient	
Calcium Hypochlorite	62.4%
Other Ingredients	37.6%
Total	100.0%

Available Chlorine 60%

KEEP OUT OF REACH OF CHILDREN

DANGER [PELIGRO]

Contamination or improper use may cause fire explosion or the release of toxic gases Do not allow product to contact any foreign matter including other water treatment products **If product is exposed to small amounts of water it can react violently to produce heat and toxic gases and spatter** Do not add water to this product **Add only into water** {The following optional statement is for use on residential use swimming pool and spa products} **Do not mix this product with a small amount of water. Only add directly to your [pool] [or spa]** **Highly Corrosive Causes skin burns and irreversible eye damage May be fatal if swallowed Harmful if absorbed through the skin**

Read all precautionary statements on label and first aid statements before use

For the authority having jurisdiction over fire code enforcement This product meets the NFPA criteria for a class one oxidizer

{Note to reviewer Although this product has a Danger' signal word as per the EPA label review manual The Agency may permit reasonable variations in the placement of the First Aid statement as long as the reference statement See First Aid (or Statement of Practical Treatment) on (identify appropriate panel) appears on the front panel If the First Aid Statements are placed on the front panel of the final graphic label the statement below will not be used }

See [left] [right] [side] [back] panel for precautionary and first aid statements

EPA Reg No 1258 1246
EPA Est No Xxx
Net Wt xxx

Sold by
Arch Chemicals Inc
P O Box 724438
Atlanta GA 31139 1438

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER Highly corrosive Causes skin burns and irreversible eye damage May be fatal if swallowed Harmful if absorbed through skin Irritating to nose and throat

- Open in a well ventilated area Avoid breathing dust and fumes
- Do not get in eyes on skin or on clothing Do not handle with bare hands Wear goggles and use rubber gloves For additional protection of skin wear long sleeves and long pants
- Remove and wash contaminated clothing separately before reuse
- Only use utensils which are thoroughly clean and dry
- Wash thoroughly with soap and water after handling

FIRST AID **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 **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 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 Inhaled** Remove 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

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**

Note to physician Probable mucosal damage may contraindicate the use of gastric lavage

PHYSICAL and CHEMICAL HAZARDS

If product is exposed to small amounts of water it can react violently to produce heat and toxic gases and spatter Do not add water to this product Add only into water

- [Do not mix this product with a small amount of water Only add this product directly to your pool] {This statement will appear on Pool use labels only }
- Do not allow to become wet or damp before use

Can react with other materials including other water treatment products to cause intense fire explosion and the release of toxic gases

- Keep all foreign matter including other water treatment products away from this product
- Do not allow this product to contact other water treatment products Do not use this product in a floater or feeder that has been used with any other product If used with a skimmer make sure skimmer is completely clean and free of residue from other water treatment products before putting this product in a skimmer

Exposure to heat can cause this product to rapidly decompose leading to intense fire explosion and the release of toxic gases

- Store in a cool dry well ventilated area

Strong oxidizing agent This product can increase fire intensity Keep away from heat and from flame and burning material (like a lighted cigarette)

{First sentence of paragraph below for 50 lb containers or less complete paragraph for all other sizes}

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

STORAGE & DISPOSAL {Optional statements – usage depends on whether or not refillable or nonrefillable containers are used and whether or not product is packaged for household/residential use only}

{Nonrefillable container household/residential use}
[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. Nonrefillable container. Do not reuse or refill this container. Rinse empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling if available. Do not contaminate food or feed by storage or disposal or cleaning of equipment. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING.]

{Nonrefillable container – single use non resealable package}
[Keep this product dry in its tightly closed container. Store in a cool, dry, well ventilated area. Keep away from heat or open flame. Nonrefillable container. Do not reuse or refill this container. Rinse and discard empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling if available. Do not contaminate food or feed by storage or disposal or cleaning of equipment. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING.]

{Refillable container – household/residential use}
[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 contaminate food or feed by storage or disposal or cleaning of equipment. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING. Refillable container. Refill this container with calcium hypochlorite only. Do not use this container for any other purpose. Rinse empty container thoroughly with water to dissolve all material prior to disposal.]

{Nonrefillable container non household/residential use}
[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 contaminate food or feed by storage or disposal or cleaning of equipment. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING. Nonrefillable container. Do not reuse this container. Offer for recycling if available. Rinse empty container thoroughly with water to dissolve all material prior to disposal.]

{Refillable container – non household/residential use}
[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 contaminate food or feed by storage or disposal or cleaning of equipment. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING. Refillable container. Refill this container with calcium hypochlorite only. Do not use this container for any other purpose. Cleaning of this container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. Rinse empty container thoroughly with water to dissolve all material prior to disposal.]

EMERGENCY HANDLING In case of contamination or decomposition. Do not reseal container. Place the container in an open and well ventilated area by itself (if possible). Flood with large amounts of water until the material is dissolved. Dispose of container and any remaining contaminated material in an approved landfill area.



{Optional}[]



{Optional} [**ARCH**]
[[HTH] [HTH POOLIFE] (Brand Name) HELPLINE
[866 HTH POOL] [866 4 POOL FUN]
Toll Free
Call 7 days a week with your questions concerning
pool water care 8 00 a m 10 00 p m Eastern Time

[Visit [brand] www.xxx.com]

{OPTIONAL MARKETING CLAIMS}

Kills bacteria
 Controls Algae
 Destroys organic contaminants
 No need to pre dissolve
 Routine Chlorinator
 Shock Treatment (and) Superchlorinator for Swimming Pools and Spas
 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
 Will not cause over stabilization
 Contains no cyanuric acid
 Sanitizes pool water
 Swimming pool sanitizer
 Innovative
 Exclusive
 Patented technology
 60% available chlorine
 Powerful shock treatment for crystal clear water
 Fast acting
 Quick dissolving
 Patented
 Good for all pool surfaces
 Ideal for Vinyl lined pools

{Optional statements for inclusion on dealer direct brands}

Step 1 [Sanitize] [it!]
 Step 2 [Shock] [it]
 Step 3 [Add Algaecide] [Defend it!]

[Use Our 4 Simple Steps For A Beautiful Pool!

- 1 balance your pool water
- 2 sanitize to keep bacteria away
- 3 shock to maintain water clarity
- 4 prevent algae from growing]

[Spend more time in your pool and less time cleaning]

[With our legacy of excellence you can trust us with your pool care]

[We are proud to be the do it yourself pool care experts with over 80 years of experience continual research and product innovation]

[Need Help? Easy to use pool and spa care tips and detailed product information are just a click away Simply log on to www.hthpools.com or call 1 866 HTH POOL]

[[recycle symbol] Made from 10% recycled paper]

{If the following Spanish statement is used it must appear directly above DIRECTIONS FOR USE }
Si usted no entiende la etiqueta busque a alguien para que se la explique a usted en detalle (If you do not understand the label find someone to explain it to you in detail)

DIRECTIONS FOR 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] [It is in a dry free flowing form] [It kills bacteria controls algae and destroys organic contaminants in pools]

READ ALL PRECAUTIONARY STATEMENTS BEFORE USE

{SWIMMING POOL USES}

{Use 1 POOLS}

[METHOD OF APPLICATION] [HOW TO USE] [Do not pre mix this product] [Only add this product directly to your pool] {When contents are in a resealable container} [Use only a clean dry [scoop] [cup] [lid] to measure this product] [Do not use the [scoop] [cup] [lid] for any other purpose] {When contents are in a single use bag for use as a shock for pools 10 000 gallons or larger} [For single use bag use entire contents when opened]
[For best results follow a weekly program with our [brand] System Consult your authorized [brand] dealer for advice on the system that best suits your pool and your lifestyle] [Take a pool water sample to your authorized [brand] dealer regularly for a detailed water analysis]

[Method for dosing directly into pool

Add the recommended dosage of this product during evening hours 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 If any granules settle to the bottom of the pool use a brush to disperse]

[Method for skimmer addition

[Use this method to avoid bleaching vinyl liner or paint] Make sure that filter pump is on and properly recirculating through skimmer Empty skimmer of all chemicals and/or debris Contamination may cause an explosion or the release of toxic gases Do not use this method when an automatic chemical dispensing device (e g feeder) is present Pour this product slowly into skimmer making sure that the material is drawn into the system at the same rate do not allow this material to accumulate as toxic gases may be generated]

[ROUTINE CHLORINATION Throughout the pool season adjust pH to 7.2 – 7.6 Allow to pH adjustment chemicals to disperse and add 6 to 9 oz of this product per 10 000 gallons of pool water daily or as often as needed to maintain chlorine residual at 1–4 parts per million (ppm) If you have stabilized your pool using [BRAND] Stabilizer & Conditioner (or similar product) add 3 to 5 oz per 10 000 gallons every other day or as often as needed to maintain a chlorine residual at 1.4 ppm Follow Method of Application As a preventative treatment you should shock treat your pool once a 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 walls]

[POOL SHOCK TREATMENT Add the recommended dosages of this product while the filter pump is running See METHOD OF APPLICATION When adding this product to your pool broadcast the product evenly over a wide area in the deepest part of the pool **DOSAGE RATE** Adjust and maintain pH to 7.2 – 7.4 with [BRAND] pH Plus or [BRAND] pH Minus Follow label directions Allow the pH adjustment chemicals to disperse and add 1 lb (16 oz) of this product per 14 000 gallons [16 to 32 ounces per 15 000 gallons] of water weekly to help prevent pool problems

{Only the correct dosage will be put on the individual bag}

[For one time dose single use bags use the following dosage rate for 5 – 10 ppm available chlorine by weight

- 1 ounce bag 1 to 2 ounces per 900 gallons (one to two bags)
- 2 ounce bag 2 to 4 ounces per 1 800 gallons (one to two bags)
- 3 ounce bag 3 to 6 ounces per 2 800 gallons (one to two bags)
- 4 ounce bag 4 to 8 ounces per 3 700 gallons (one to two bags)
- 5 ounce bag 5 to 10 ounces per 4 600 gallons (one to two bags)
- 6 ounce bag 6 to 12 ounces per 5 600 gallons (one to two bags)
- 7 ounce bag 7 to 14 ounces per 6 600 gallons (one to two bags)
- 8 ounce bag 8 to 16 ounces per 7 500 gallons (one to two bags)
- 10 ounce bag 10 to 20 ounces per 9 200 gallons (one to two bags)
- 12 ounce bag 12 to 24 ounces per 11 000 gallons (one to two bags)
- 14 ounce bag 14 to 28 ounces per 13 000 gallons (one to two bags)
- 16 ounce bag 16 to 32 ounces per 15 000 gallons (one to two bags)
- 18 ounce bag 18 to 36 ounces per 17 000 gallons (one to two bags)
- 20 ounce bag 20 to 40 ounces per 18 000 gallons (one to two bags)]

Use entire contents of bag when opened

{End of dosage instructions for one time dose single use bags}

Additional shock treatments {1 lb (16 oz) per 14 000 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 and eye irritation

Do not reenter pool until the free available chlorine residual is 1 to 4 ppm

Shock treat your pool when opening then weekly to prevent pool problems]

[SUPER CHLORINATION In the summer months when the pool water temperature is 80° F or above or if the chlorine residual falls rapidly after regular chlorination super chlorination is recommended Super chlorinate the pool by adding (for one pound bag) 1 bag or (for all other products) 1 pound of this product per 8 000 gallons of water every other week Do not use the pool until the chlorine residual has dropped to 4 ppm]

[ALGAE CONTROL If the sides or bottom of your pool develop algae spots direct this product as close to the algae as possible Follow Pool Shock Treatment directions **Note** Prolonged contact with pool surfaces may cause staining or bleaching Immediately after treatment thoroughly clean pool by brushing 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 to 4 ppm]

[OPENING YOUR POOL Follow Pool Shock Treatment directions 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 4 ppm]

[WINTERIZING While the water is still clear and clean prepare for long periods of disuse by gradually adding 1 lb of this product per 8 000 gallons of pool water Follow Method of Application Run the filter until completely dissolved Cover the pool with a pool cover and prepare the heater pump and filter components for winterizing by following manufacturers directions]

[WATER BALANCE For best product performance swimmer comfort and crystal clear water Maintain pH in the 7.2-7.6 range Maintain total alkalinity in the 60-100 ppm range Maintain calcium hardness above 200 ppm Maintain available chlorine level at 1-4 ppm with the use of your normal sanitizer Use a reliable test kit that measures all these ranges Use [brand] Pool Care products to make adjustments Follow label directions for each product]

{SPA / HOT TUB USES}

{Use 2 Spas}

[SPA/HOT TUB TREATMENT Apply 0.6 oz. of product per 500 gallons of water to obtain a free available chlorine concentration of 5 ppm as determined by a suitable chlorine test kit. Adjust and maintain pool water pH to between 7.2 and 7.6. Some oils, lotions, fragrances, cleaners, etc. may cause foaming or cloudy water as well as reduce the efficiency of the product. To maintain the water, apply 0.6 oz. of product per 500 gallons of water over the surface to maintain a chlorine concentration of 5 ppm. Do not enter spa until chlorine residual is 1.5 ppm. After each use, shock treat with 1.7 oz. of this product per 500 gallons of water to control odor and algae. During extended periods of disuse, add 1.7 oz. of product daily per 500 gallons of water to maintain a 3 ppm chlorine concentration.]

[FOR SMALL POOLS METHOD OF APPLICATION Use the cap to measure. Add the recommended dosages of this product after each usage or as needed. When adding this product to your pool, broadcast the product evenly over surface of the pool. **ROUTINE CHLORINATION** Throughout the pool season, add approximately one teaspoon (3 grams) of this product per 200 gallons of pool water daily or as often as needed to maintain chlorine residual at 1.3 ppm. **SHOCK TREATMENT** Add approximately three teaspoons (9 grams) of this product per 200 gallons of water to provide a dosage of 9 ppm free available chlorine. Do not reenter pool until chlorine residual is 1.0 to 4.0 ppm.]

{COMMERCIAL USES}

{Use 3 Industrial}

[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. The chlorinated effluent has been reduced to or below the maximum permitted by the controlling regulatory jurisdiction.

On the average, satisfactory disinfection of secondary wastewater 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 wastewater 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 2.25 to 22 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 0.33 oz. of this product with 100 gallons of water.]