

748-237

8/19/2014

1/9



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

Natalie A. Gaydos  
Axiall, LLC  
11 Stanwix Street  
Pittsburgh, PA 15222

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

AUG 19 2014

Subject: ZAPPIT™ Shock Treatment  
EPA Reg.#: 748-237  
Notification Date: July 29, 2014  
Receipt Date: July 30, 2014

Dear Ms. Gaydos:

This acknowledges the receipt of your notification, submitted under the provision of PR Notice 98-10 and FIFRA section 3(c)9.

**Proposed Notification:**

To reformat the Service Bulletin section to include "It is a violation of Federal law to use this product in a manner inconsistent with its labeling" for "ZAPPIT Shock Treatment" product (EPA Reg# 748-237). Proposed label dated 07/29/2014 (pin punch 07/30/14).

**General Comment:**

Based on the review of the materials submitted, the reformatted Service Bulletin for "ZAPPIT Shock Treatment" (748-237) are acceptable.

This notification and this letter have been inserted in your file for future reference.

If you have further question on this letter, please contact David Liem at 703-305-1284 or by email at [liem.david@epa.gov](mailto:liem.david@epa.gov).

Sincerely

A handwritten signature in black ink, appearing to read "Demason Fuller".

Demason Fuller  
Product Manager (32)  
Regulatory Management Branch II  
Antimicrobial Division (7510P)

# ZAPPIT™ Shock Treatment and Super Chlorinator for Swimming Pools

EPA Reg. No. 748-237  
EPA Est. No. 52270-GA-1 or 85855-WV-001

**ACTIVE INGREDIENT:**

Calcium Hypochlorite..... 68%

**OTHER INGREDIENTS:** ..... 32%

**TOTAL:**..... 100%

Minimum 65% Available Chlorine

## KEEP OUT OF REACH OF CHILDREN DANGER

**Do not mix with any other chemicals, including any other pool chemicals of any kind.**

**Mixing with other chemicals could cause a fire or explosion.**

**Always add product to large quantities of water to fully dissolve product.**

**Do not pour water into product, always add product to water**

**Do not use with stabilized chlorine or bromine tablet chemical feeders.**

**See additional precautionary statements on back label.**

**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 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person. **If inhaled**, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. **Note to Physician**, probable mucosal damage may contraindicate the use of gastric lavage. **Contact 1-304-455-6882 or your poison control center for 24-hour emergency medical treatment information. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.**

**Manufactured by:**  
Axiall, LLC  
1000 Abernathy Road NE  
Suite 1200  
Atlanta, GA 30328  
Emergency Telephone Number: 1-304-455-6882

**NET WT. XXX lbs. (XXX Kgs.)**

**NOTIFICATION**  
Date Reviewed: 8/19/2014  
Reviewed By: D. Stiem

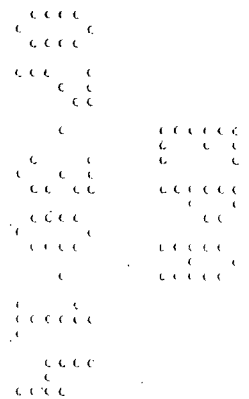


[NOTE TO EPA: The following Optional Marketing Claims and Symbols may be added to the product label:]

- Kills Bacteria
- Controls Algae
- Destroys Organic Contaminants
- Restores a Crystal Clarity to Pool Water "or" Restores Sparkle and Clarity to Pool Water
- Fast Dissolving "or" Quick Dissolving
- No need to Predissolve "or" Eliminates the Need to Predissolve
- 1 Pound Treats between 10,000 to 15,000 Gallons
- Stop! Do not mix with other products or pre-dissolve before use
- Shock Treatment
- No build-up of stabilizer (cyanuric acid).
- No build-up of stabilizer (cyanuric acid).
- For Use with All Pool Surfaces (vinyl and plaster)
- For Pools and Spas
- For new pool start-ups
- Does not lower pH or destroy total alkalinity
- For Consumer Inquiries, Log onto [www.AskJoePool.com](http://www.AskJoePool.com)
- For Domestic Use
- Not for Export
- Start Blue. Stay Blue.®



Certified to NSF/ANSI 60



5/9

## Directions for Use

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

### SWIMMING POOL USE

Pool water is subject to a build-up of a wide variety of organic contaminants including swimmer wastes, such as perspiration, ammonia compounds, and natural and synthetic oils and lotions. If left untreated, the build-up of these contaminants can lead to the development of noxious odors, irritating water, and unsightly water clarity problems. These organic wastes serve as nutrients for bacteria, algae, and other organisms, and should be removed from the pool on a regular basis to prevent their build up. This product will effectively reduce organic contamination in swimming pool water resulting in increased water clarity.

### USE DIRECTIONS:

For any application method you choose: No one can be in the pool when chemicals are being added directly to the pool. **Do not mix this product with other chemicals, including any other pool chemicals of any kind, such as other disinfection or "shock" products. Mixing could cause a fire or explosion. Always add this product into large quantities of water to fully dissolve. Never add water into product.** Make sure to keep the pump and filter running during application and for at least 6 to 8 hours after application to allow for the best product dispersion. For best results, test your pool water prior to addition of this product and maintain pool water parameters in the ranges noted below.

This product will raise the pH of pool water. For best results, test your pool water prior to addition of this product. If your pH measures 7.4 or higher, adjust it downward so that it is between 7.2 to 7.4. This will help avoid clouding of water and allow for faster dispersion of the product.

This product can be added by broadcasting the dry granules over the pool water surface at the deepest end of the pool while the pump is running. Should any granules settle at the bottom of the pool, use a pool brush to disperse them. Take care to not tear the liner in above ground pools (or any pool with a liner) while brushing.

This product can be directly added into the skimmer while the pump is running. Make sure that all other chemicals or debris have been removed from the skimmer before adding product.

### HOW TO APPLY TO POOLS:

**{For Pouches} Use Entire Bag In One Application.**

**REMINDER: Never add water to product. Always add product to large quantities of water to fully dissolve.** Maintain operation of your pump and filter. Treatment should be done at night or during a period when the pool is not in use

**Shock Treatment / Superchlorination:** Adjust pH between 7.2 and 7.4 prior to shocking or superchlorination. Add this product at night or when the pool is not in use. To prevent pool water problems, shock at least once per week during periods of heavy use or when water temperatures are above 80°F and once every two weeks in residential pools receiving normal usage. Maintain operation of the pump and filter. Do not enter the pool until the free chlorine residual has dropped to 4.0 ppm or less as measured using a suitable test kit. Between treatments with this product, continue to maintain the proper water balance and sanitizer level in your pool as recommended on the label of your normal pool sanitizer.

Optional language:

For specific literature on these and other accepted uses, write to the address on the front label.

[And/or]

For specific literature on other accepted uses, contact Axiall.

[And/or]

For additional directions for use, including Service Bulletins, visit [www.axiall.com/calciumhypochloriteuse](http://www.axiall.com/calciumhypochloriteuse).

**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, to ensure that 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.



8/9

# SERVICE BULLETIN

This service bulletin is for Zappit (EPA Reg. No. 748-237)

## Zappit (EPA Reg. No. 748-237) SWIMMING POOL USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Pool water is subject to a build-up of a wide variety of organic contaminants including swimmer wastes, such as perspiration, ammonia compounds, and natural and synthetic oils and lotions. If left untreated, the build-up of these contaminants can lead to the development of noxious odors, irritating water, and unsightly water clarity problems. These organic wastes serve as nutrients for bacteria, algae, and other organisms, and should be removed from the pool on a regular basis to prevent their build up. This product will effectively reduce organic contamination in swimming pool water resulting in increased water clarity.

### USE DIRECTIONS:

For any application method you choose: No one can be in the pool when chemicals are being added directly to the pool. **Do not mix this product with other chemicals, including any other pool chemicals of any kind, such as other disinfection or "shock" products. Mixing could cause a fire or explosion. Always add this product into large quantities of water to fully dissolve. Never add water into product.** Make sure to keep the pump and filter running during application and for at least 6 to 8 hours after application to allow for the best product dispersion. For best results, test your pool water prior to addition of this product and maintain pool water parameters in the ranges noted below.

This product will raise the pH of pool water. For best results, test your pool water prior to addition of this product. If your pH measures 7.4 or higher, adjust it downward so that it is between 7.2 to 7.4. This will help avoid clouding of water and allow for faster dispersion of the product.

This product can be added by broadcasting the dry granules over the pool water surface at the deepest end of the pool while the pump is running. Should any granules settle at the bottom of the pool, use a pool brush to disperse them. Take care to not tear the liner in above ground pools (or any pool with a liner) while brushing.

This product can be directly added into the skimmer while the pump is running. Make sure that all other chemicals or debris have been removed from the skimmer before adding product.

### HOW TO APPLY TO POOLS:

**{For Pouches} Use Entire Bag In One Application.**

**REMINDER: Never add water to product. Always add product to large quantities of water to fully dissolve.** Maintain operation of your pump and filter. Treatment should be done at night or during a period when the pool is not in use

**Shock Treatment / Superchlorination:** Adjust pH between 7.2 and 7.4 prior to shocking or superchlorination. Add this product at night or when the pool is not in use. To prevent pool water problems, shock at least once per week during periods of heavy use or when water temperatures are above 80°F and once every two weeks in residential pools receiving normal usage. Maintain operation of the pump and filter. Do not enter the pool until the free chlorine residual has dropped to 4.0 ppm or less as measured using a suitable test kit. Between treatments with this product, continue to maintain the proper water balance and sanitizer level in your pool as recommended on the label of your normal pool sanitizer.



