

69681-17

08-14-2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

*August 14, 2007*

Judy Eldem  
AllChem Performance Products LP  
416 S. Main Street  
Corsicana, TX 75110

Subject: **Clor Mor Perfect Shock 45**  
EPA Registration Number: 69681-17  
Application Dated: June 5, 2007  
Receipt Date: June 6, 2007

Dear Ms. Eldem:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with conditions.

**Conditions:**

1. Please clarify the change in the percentage of the available chlorine.

**ACTIVE INGREDIENT:**

Sodium Dichloro-s-triazinetrione.....	45.0%
<b>Other</b> Ingredients.....	<u>55.0%</u>
Total.....	100%

Provide 28.5% available chlorine.

**General Comment**

A stamped copy of the labeling accepted with condition is enclosed. Submit one copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions concerning this letter, please contact Wanda Henson at (703) 308-6345.

Sincerely,

*Wanda Henson*  
for

Emily Mitchell

Product Manager 32

Regulatory Management Branch II

Antimicrobials Division (7510P)

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Clor Mor Perfect Shock 45  
[Shock] [Oxidizer] [Algaecide] [Algicide] [Sanitizer]

All text in brackets [xxx] is optional and may or may not be included on final label.  
All text in parenthesis {xxx} is administrative and will not appear on final label

**{Optional biocidal claims that may be used with [swimming pool] [spa] sanitation and algae control}**

- [Swimming pool and spa sanitizer]
- [Swimming pool sanitizer]
- [[Above] [On] ground [swimming] pool sanitizer]
- [Kiddie pool sanitizer]
- [For daily sanitation and algae control]
- [Controls bacteria and germs]
- [Multi-functional sanitizer and oxidizer [for [above ground] [on ground] [swimming pools] [spas] [hot tubs]]]
- [Spa and hot tub sanitizer]
- [Sanitizer, shock, and oxidizer]
- [Sanitizes, shocks, and oxidizes pool and spa water]
- [Kills and controls algae]
- [Prevents algae and bacteria growth]
- [Prevents the growth of algae and bacteria]
- [Inhibits algae growth]
- [Inhibits the growth of algae]
- [Controls algae growth]
- [Controls the growth of algae]
- [Bacteria control]
- [Controls bacteria]
- [Establishes immediate chlorine residual]
- [Boosts chlorine residual, by adding 3 ppm free chlorine]
- [Boosts sanitizer residual, by adding 3 ppm free chlorine] [[Improves sanitizer efficiency]
- [Boosts bromine residuals in bromine treated [pools] [spas]
- [Sanitizer support]
- [Sanitizes, oxidizes, clarifies and kills algae]
- [4 in 1 treatment for [small] pools]
- [4 in 1 treatment for spas]
- [Maintain chlorine residuals]
- [Sanitizer, Shock, Oxidizer and Clarifier]
- [Swim in 15 minutes after treatment]
- [3 in 1 treatment for [small] pools]
- [3 in 1 treatment for spas]

**ACCEPTED  
with COMMENTS  
EPA Letter Dated:**

**AUG 14 2007**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. **69681-17**

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**{Optional marketing statements that may be used with [swimming pool] [spa] shock treatment and oxidizer applications:}**

- [For use in vinyl, plaster, painted or fiberglass surface pools]
- [For use on all [pool] [spa] types]
- [For use on all [pool] [spa] surfaces]
- [Ideal for vinyl pools]
- [Ideal for plaster pools]
- [Ideal for all [pool] [spa] types]
- [Ideal for all [pool] [spa] surfaces]
- [Ideal for [pool] [spa] start-ups]
- [Ideal for pool closings]
- [Ideal for winterizing treatments]
- [Effective winter shock treatment]
- [Quick dissolving]
- [Multi-functional oxidizer]
- [Multi-functional low chlorine oxidizer]
- [Multi-functional [pool] [spa] shock]
- [Multi-functional low chlorine [pool] [spa] shock]
- [Multi-functional shock treatment]
- [Multi-functional low chlorine shock treatment]
- [Multi-purpose shock and oxidizer]
- [Multi-purpose low chlorine shock and oxidizer]
- [Multi-oxidizer shock treatment]
- [For swimming pools and spas]
- [Fast acting]
- [Establishes immediate chlorine residual]
- [Boosts chlorine residual]
- [Boost bromine residuals in bromine treated spas]
- [Restores water clarity] [Controls]
- [Produces clear, sparkling water]
- [Clears cloudy water]
- [[Oxidizes] [Eliminates] [Controls] contaminants that cause cloudy water]
- [[Oxidizes] [Eliminates] [Controls] organic contaminants]
- [[Oxidizes] [Eliminates] [Controls] organic waste]
- [[Oxidizes] [Eliminates] [Controls] swimmer contaminants]
- [[Prevents][Controls] algae]
- [Contains Oxone® oxygen-based oxidizer]
- [Combines the benefits of Oxone® with chlorine residual protection]
- [The combined power of Oxone® and chlorine]
- [Combines the power of Oxone® with low levels of chlorine]
- [Shock and oxidizer]
- [Shock, oxidizer, buffer and clarifier]
- [Eliminates chloramine odors]
- [Reduces chloramines]
- [Reduces chloramines which can cause irritation]
- [Shock and swim in 15 minutes]
- [Same day shock and swim]
- [Anytime shock]
- [Ideal for bromine treated spas]
- [Ideal for spas with mineral systems]

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ACTIVE INGREDIENT	
Sodium dichloro-s-triazinetriene	45%
OTHER INGREDIENTS	55%
TOTAL	100%

AVAILABLE CHLORINE 28%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

**FIRST AID**

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

**If in Eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after 5 minutes, then continue rinsing eye. Call a Poison Control Center or doctor for further 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 further 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, and then give artificial respiration, preferably 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

See [Back] [Front] [Side] Panel Box for Additional Precautions.

Net Weight:

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals: DANGER:** Corrosive. Causes irreversible eye damage. Causes skin irritation. Do not get in eyes, on skin or on clothing. Wear chemical resistant gloves and protective eyewear. May be fatal if inhaled. Do not breathe dust or spray mists. Harmful if swallowed or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse

{Environmental Hazard statement for end-use products in containers of less than 5 gallons (liquid) or less than 50 pounds (solid, dry weight)}

[ENVIRONMENTAL HAZARD: This product is toxic to fish and aquatic organisms.]

{Environmental Hazard statement for end-use products in containers of equal to or great than 5 gallons (liquid) or equal to or greater than 50 pounds (solid, dry weight)}

[ENVIRONMENTAL HAZARD: This product is toxic to fish and aquatic organisms.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of the 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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**PHYSICAL OR CHEMICAL HAZARDS:** Contains oxidizing agents. Do not mix with other chemicals or any other substance. Do not pre-dissolve or add water to this product. Always apply product directly into the pool or spa. Contamination of this product with moisture or small amounts of water, other chemicals, organic matter or other substances, can lead to product decomposition with generation of heat, liberation of hazardous gases, and potentially fire and explosion. In case of contamination or decomposition, do not reseal container. Isolate container outdoors in open air, and flood with large amounts of water.

[Clor Mor Perfect Shock 45 is a proprietary blend, a powerful oxygen based oxidizer, and a chlorinating agent, combined with a [pH buffer and a] dry clarifier.] [This unique formulation provides the benefits of oxygen-based oxidation, while boosting free chlorine concentrations. This one-two punch keeps water sparkling clear, by oxidizing and eliminating organic contaminants, and helps ensure sanitizer residuals are maintained.] [Since this product is buffered, it will not affect water balance; therefore pH and total alkalinity will remain unchanged.] [The addition of a dry clarifier aids the oxidation/filtration process so water contaminants are more readily removed by routine filtration.] [Clor Mor Perfect Shock 45 is specially formulated to prevent dull, hazy water, [sanitize the water] and inhibit the growth of algae.] This product can be used as a [swimming pool] [spa] sanitizer, or as a weekly shock treatment and oxidizer [or as an algaecide]. For shock treatment and preventive oxidation, add this product to [pool] [spa] water every week to produce sparkling clear[, algae free] water. For sanitation, follow label directions below.

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

**HOW TO APPLY:**

[Note to Reviewer: Package label will show either swimming pool use directions, spa use directions, or both. The **TREATMENT OF VISIBLE ALGAE** and **ADDITIONAL APPLICATIONS** are optional sections for swimming pool labels]

**For Swimming Pools:**

Always add with pump and filter running to ensure complete mixing and good circulation. [Clor Mor Perfect Shock 45 is completely soluble and dissolves quickly, so no pre-mixing is required.] Apply product when swimming pool is not in use. Test chlorine level prior to re-entry to make sure the residual concentration in the pool is between 1 and 3 ppm. Reentry is prohibited above levels of 3 ppm chlorine due to risk of bodily injury.

**[[WHEN USED] FOR WEEKLY [SHOCK] [OXIDIZER] TREATMENT IN CONJUNCTION WITH A PRIMARY SANITIZER:**

For pools with moderate daily use, add Clor Mor Perfect Shock 45 weekly at a dose of 1 pound per 10,000 gallons of pool water. Each pound of this product will raise the free chlorine concentration by 3 ppm (part per million) in 10,000 gallons of pool water. More frequent and/or heavier doses may be required during periods of heavy use or following heavy rains or high winds.]

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**WHEN USED AS THE PRIMARY SANITIZER [(to control Bacteria and Germs)]:**

1. For best results, adjust alkalinity to between 100 and 150 ppm, and adjust pH to between 7.2 and 7.8.
2. Add an initial dose of stabilizer, as directed on the stabilizer product label, to establish a starting concentration of 30-40 ppm. [Regular use of Clor Mor Perfect Shock 45 will supply additional stabilizer.]
3. For effective sanitation, chlorine residuals must be maintained between 1-3 ppm at all times, in all areas of the pool. Add an initial dose of 1 pound of this product per 10,000 gallons of water to establish a free chlorine sanitizer residual of 3 ppm. [For initial treatment of small pools use the table below. This does will deliver 3 ppm of free chlorine to pool water

[Note to reviewer: The table below is optional; package label may specify the dose in either ounces or number of pouches, depending on the form of the product packaging]

Pool size in gallons	Ounces of product to add	Number of 2 oz pouches of product to add
1250	2 ounces	1
2500	4 ounces	2
5000	8 ounces	4
10000	16 ounces	8

4. Pool water must be tested daily with a reliable test kit to ensure free chlorine residuals are maintained between 1-3 ppm at all times in all areas of the pool. This product must be added daily or every other day to maintain the chlorine residual in the desired range. 2.5 ounces of this product per 10,000 gallons will raise free chlorine residuals by 0.5 ppm. Do not let chlorine residuals drop below 1 ppm.
- [5. If pH is less than 7.2 add {brand} pH increaser per label directions.]
- [6. If pH is greater than 7.8 add {brand} pH decreaser per label directions.]

**[TREATMENT OF VISIBLE ALGAE**

1. Remove as much algae as possible by brushing and vacuuming debris to waste.
2. Backwash filter
3. Apply 3 pounds of this product per 10,000 gallons of pool water.
4. Brush entire pool daily for three consecutive days and vacuum debris to waste
5. Re-test the water for free chlorine using a reliable test kit. Swimming my resume with the chlorine concentration is 3 ppm or less.]

**[ADDITIONAL APPLICATIONS:**

For pool opening and pool closing applications, add Clor Mor Perfect Shock 45 at a dose of 2 pounds per 10,000 gallons of pool water. This dose will provide sufficient oxidizer to eliminate most of the contaminants that accumulate in pool water, and will immediately raise the free chlorine concentration by 6 ppm (parts per million) in 10,000 gallons of pool water.]

**For Spas:**

Always add with pump and filter running to ensure complete mixing and good circulation. [Clor Mor Perfect Shock 45 is completely soluble and dissolves quickly, so no mixing is required.] Broadcast this product uniformly over the surface of the water. Always apply product when spa is not in use. Test chlorine level prior to reentry to make sure the residual concentration in the spa is between 1 and 3 ppm. Reentry is prohibited above levels of 3 ppm chlorine due to risk of bodily injury.

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**SPA AND HOT TUB SANTIZER:**

1. For best results, adjust alkalinity to directions of alkalinity package. [If using a borate buffer add 2 pounds per 300 gallons] [If using a carbonate buffer adjust alkalinity to between 80 – 150 ppm]
2. Adjust pH to between 7.2 and 7.8
3. When this product is used as a primary [spa] [hot tub] sanitizer, add an initial dose of ½ ounce per 300 gallons of water to establish a free chlorine residual between 1-3 ppm. Circulate spa water for five to ten minutes to allow for complete mixing and good circulation prior to testing.
4. Test spa water for free chlorine. Once the chlorine residual is 1-3 ppm, the [spa] or [hot] tub may be entered. Reentry is prohibited above levels of 3 ppm chlorine due to risk of bodily injury.
5. [Spa] [Hot tub] water must be tested regularly to ensure that a free chlorine residual is maintained between 1-3 ppm at all times. This product should be added as necessary to maintain 1-3 ppm residual chlorine. One-half ounce (1 tablespoon) of this product per 300 gallons will raise free chlorine residual by 3 ppm. Do not let chlorine residual drop below 1 ppm.
6. [Contaminants are introduced when the [spa] [hot tub] is used.] [Always] add ½ ounce per 300 gallons after using the [spa] [hot tub] to oxidize contaminants and to reestablish the chlorine sanitizer residual.

**[SHOCK TREATMENT] and [PREVENTATIVE OXIDATION]:**

For residential spas, Clor Mor Perfect Shock 45 should be added after every use at a dose of ½ ounce per 300 gallons of spa water, AND once per week at a dose of 1 ounce per 300 gallons of spa water. Heavily used spas may require shock treatment on a daily basis.

Reentry into the treated spa or hot tub can resume after the free chlorine concentration has dropped to 1-3 ppm. Reentry is prohibited above levels of 3 ppm chlorine due to risk of bodily injury.

[Storage and Disposal text for product sold in unit pack bags]

**STORAGE AND DISPOSAL:** Keep this product dry, in its original unopened bag until use. Store in a cool, dry, well-ventilated area, away from combustible materials, incompatible chemicals and sources of heat. Moisture may decompose this product and cause a violent reaction leading to fire and explosion. In case of decomposition, isolate bag in open area if possible and flood area with large amounts of water to dissolve all material before discarding this bag. Do not contaminate food or feed by storage or disposal.

**CONTAINER DISPOSAL:** Rinse empty bag thoroughly. Do not reuse bag. Discard in trash.

[Storage and Disposal text for product sold in plastic bottles or pails]

**STORAGE AND DISPOSAL:** Keep this product dry, in its original tightly closed container when not in use. Store in a cool, dry, well-ventilated area, away from combustible materials, incompatible chemicals and sources of heat. Moisture may decompose this product and cause a violent reaction leading to fire and explosion. In case of decomposition, isolate container in open area if possible and flood area with large amounts of water to dissolve all material before discarding this container. Do not contaminate food or feed by storage or disposal.

**CONTAINER DISPOSAL:** Rinse empty container thoroughly. Do not reuse container. Discard in trash

NOTE: Buyer assumes all responsibility for safety and use not in accordance with directions.

AllChem Performance Products, LP  
Corsicana, TX

EPA REG. NO. 69681-17  
EPA EST. NO. 69681-TX-001