

67262-12

2/12/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460



Office of Pesticide Programs

FEB 12 2009

Mark Jernigan  
Federal Registration Manager  
Recreational Water Products  
PO Box 1449  
Buford, GA 30515

**FILE COPY**

Subject: RWP Master Lithium Hypochlorite  
EPA Registration No. 67262-12  
Application Date: December 22, 2008  
Receipt Date: December 29, 2008

Dear Mr. Jernigan:

The following amendments, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are acceptable with the condition below:

- Increase the re-entry level to 4ppm chlorine
- Revise Storage and Disposal Statement per PR Notice 2007-4
- Removal of First Aid Statement to Back Panel
- Minor typographical changes and corrections

**Condition:**

The routes of exposure must be listed in the following order for the First Aid statement: "IF IN EYES", "IF ON SKIN OR CLOTHING", "IF SWALLOWED", "IF INHALED".

**General Comments:**

1. The Antimicrobials Division is revisiting the subject of Category I placement of the First Aid statement on the label. In the interim we will allow RWP to place the First Aid statement on the back as long as "See [back] [side] panel for First Aid and additional precautionary statements" appears on the front panel.
2. A stamped copy of the accepted labeling is enclosed. Submit 1 copy of your final printed label before distributing or selling the product bearing the revised labeling.

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

Sincerely,

*for Wanda Henson*  
Emily H. Mitchell

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

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

**RWP  
MASTER LITHIUM HYPOCHLORITE**

ACTIVE INGREDIENT:  
Lithium Hypochlorite 29%  
OTHER INGREDIENTS: 71%  
TOTAL INGREDIENTS: 100%  
(Available chlorine 35%)

**ACCEPTED  
with COMMENTS  
EPA Letter Dated:**

**FEB 12 2009**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. **67262-12**

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

See [back] [side] panel for First Aid and additional precautionary statements.

MANUFACTURED FOR:  
RECREATIONAL WATER PRODUCTS  
PO BOX 1449  
BUFORD, GEORGIA 30515

EPA REG. NO. 67262-12  
EPA EST. NO. 5185-GA-1

NET CONTENTS:

*{Optional marketing statements that may be used with swimming pool algaecide.}*

- [Swimming pool algaecide]
- [Quick dissolving]
- [Destroys Algae Growth]
- [Destroys Bacteria Growth]
- [Destroys Algae and Bacteria Growth]
- [Do not mix with other products]

*{Optional marketing statements that may be used with spa and hot tub shock treatment.}*

- [Shock Treatment for Spas]
- [For Spas & Hot Tubs]
- [Spa Treatment]
- [Destroys Algae]
- [Destroys Bacteria]
- [Destroys Algae and Bacteria]
- [Fast Dissolving]
- [For Clear Spa Water]
- [For Clear Water]
- [For Sparkling Water]
- [For Sparkling, Clear Water]
- [Do not mix with other products]

*{Directions to be used for swimming pool algaecide.}*  
**FOR POOL ALGAE**

**WHY TO USE THIS PRODUCT:** This product is a potent way to destroy algae and bacteria growth. The quick-dissolving granular form makes this product appropriate for use with most pool surfaces when used as directed. For black algae in white plaster pools, use [Black Out] [White Plaster Pool Algae Killer] [an algaecide for black algae]. If you have yellow or mustard colored spots, use [Mustard Free™] [Mustard Algae Killer] [an algaecide for mustard algae].

**IMPORTANT NOTES:**

1. When using other products, as outlined in directions for this product, always follow label directions for those products.
2. Damage may be caused by direct contact of this product with pool surface or materials such as colored plaster, vinyl, wood or fiberglass.
3. This product may promote metal stains on pool surfaces. Always check water for metal content and if present, remove with a stain & scale inhibitor prior to the addition of this product.
4. Sunlight, rainfall, temperature, number of swimmers and frequency of pool use affect the rate of chlorine loss. Adjust cleaning and chemical maintenance accordingly. Shock pool every 1-2 weeks.

**DIRECTIONS FOR USE:**

It is a violation of Federal Law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

**BEFORE YOU BEGIN:**

1. Ensure all pool equipment is working properly. Clean or backwash filter following manufacturer's directions.
2. Adjust stabilizer levels to a minimum of 40-50 ppm by adding stabilizer.
3. Check water alkalinity, pH and calcium hardness with a test kit. Adjust alkalinity to 80-125 ppm for plaster pools, 125-150 for vinyl or fiberglass pools by adding an alkalinity increaser. Adjust pH to 7.2 - 7.6 by adding a pH decreaseer to lower pH, or by adding a pH increaser to raise pH. Adjust calcium hardness to 200-275 ppm for plaster pools, 175-225 for vinyl or fiberglass pools by adding a calcium hardness increaser.
4. Recheck pH and maintain between 7.2 - 7.6 for at least 6 hours before adding this product.
5. Vigorously brush any visible algae spots.

**NOW USE THIS PRODUCT TO REMOVE EXISTING ALGAE GROWTH:**

1. Broadcast 32 oz. of this product per 10,000 gallons of pool water directly into the pool at deep end of pool. To prevent damage to pool surface, use a pool brush to disperse granules which may have settled to the bottom of the pool.
2. Operate recirculating pump while adding granules and continue for 6 hours thereafter to ensure even distribution of chemical in water.
3. After approximately 24 hours, vacuum dead algae from pool. Then brush all pool surfaces.
4. Following algae removal, recheck pH and adjust if necessary to the proper range of 7.2 - 7.6.
5. Maintain a chlorine residual of 1 - 4 ppm.

**Reentry into treated swimming pools is prohibited above levels of 4 ppm chlorine due to risk of bodily injury.**

*{Directions to be used for spa and hot tub shock treatment.}*

**SHOCK TREATMENT FOR SPAS**

**WHY TO USE THIS PRODUCT:** This product is a fast-dissolving, granular product used for periodic shocking to eliminate organic compounds in a spa or hot tub which cause odors and cloudy water. This product will raise residual chlorine levels but is not intended for use as a routine sanitizer.

**IMPORTANT NOTES:**

1. When using other products, as outlined in directions for this product, always follow label directions for those products.
2. Damage may be caused by direct contact of this product with spa surface or materials such as colored plaster, vinyl, wood or fiberglass.
3. This product may promote metal stains on spa surfaces. Always check water for metal content and if present, treat with a stain & scale inhibitor prior to the addition of this product.
4. Sunlight, rainfall, temperature, number of bathers and frequency of spa use affect the rate of sanitizer loss. Adjust cleaning and chemical maintenance accordingly. Use this product to shock weekly or more often as needed.

**DIRECTIONS FOR USE:**

It is a violation of Federal Law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

**BEFORE YOU BEGIN:**

1. Ensure all spa equipment is working properly. Clean or backwash filter following manufacturer's directions.
2. Adjust stabilizer levels to a minimum of 40-50 ppm in outdoor spas by adding stabilizer.
3. Check water alkalinity, pH and calcium hardness with a test kit. Adjust alkalinity to 80-125 ppm for plaster spas, 125-150 for other types of spas by adding an alkalinity increaser. Adjust pH to 7.2 - 7.6 by adding a pH decreaser to lower pH, or by adding a pH increaser to raise pH. Adjust calcium hardness to 200-275 ppm for plaster spas, 175-225 for other types of spas by adding a calcium hardness increaser.
4. Ensure chlorine level is between 3-5 ppm before using this product.

**NOW USE THIS PRODUCT:**

1. Make sure recirculating pump is operating. Add 1 ounce (2 Tbsp.) of this product per 250 gallons of water by broadcasting across water surface.
2. Allow circulating pump to operate for 15-20 minutes.
3. Use this product weekly as part of your routine maintenance program, or more frequently following heavy spa use.
4. Do not enter spa until chlorine level is between 3 – 5 ppm.

**STORAGE AND DISPOSAL:** Keep this product dry in original tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. **CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER:** Corrosive. Causes irreversible eye damage or skin burns. May be fatal if swallowed. Harmful if inhaled. Do not get in eyes, on skin or on clothing. Avoid breathing dust. Wear goggles or safety glasses, protective clothing and rubber gloves when handling. Wash hands thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

*{First Aid will be separated by rule lines from adjacent text and be in a different color.}*

**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 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 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.

**Have the product container or label with you when calling a poison control center or doctor, or going for treatment. [IN CASE OF MEDICAL EMERGENCY, CALL [1-303-623-5716] [1-877-800-5553] [telephone number supplied by supplemental registrant].]**

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

**PHYSICAL OR CHEMICAL HAZARDS: STRONG OXIDIZING AGENT:** Do not mix with other chemicals, except water. Mix only with water. Never add water to product. Always add product to large quantities of water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter or other chemicals may start a chemical reaction and generate heat, hazardous gas, possible fire and explosion. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air or well ventilated area. Flood area with large volumes of water, if necessary.

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

**[ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and aquatic organisms.]

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

**[ENVIRONMENTAL HAZARDS:** This pesticide 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 a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not