



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

Kimberlee Young  
Consultant/Agent for Crystalline H<sub>2</sub>O, Inc.  
c/o RegWest Company, LLC  
8203 West 20<sup>th</sup> Street Suite A  
Greeley, CO 80634-4696

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Subject: **Crystalline H<sub>2</sub>O™**  
EPA Registration Number: 71686-1  
Application Date: January 25, 2013  
Receipt Date: January 28, 2013

Dear Ms. Young:

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

**Proposed Amendment**

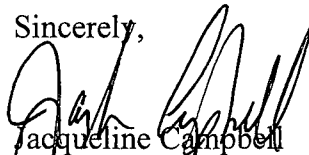
Registrant is adding spa and hot tubs directions and updating company name and address.

**General Comments**

The label revisions are acceptable. A stamped copy of the accepted label is enclosed. Submit two (2) copies of your final printed label before distributing or selling the product bearing the revised labeling.

If you have further questions concerning this letter, then please contact me by telephone at (703) 308-6416 or by e-mail at [campbell-mcfarlane.jacqueline@epa.gov](mailto:campbell-mcfarlane.jacqueline@epa.gov) or Glen McLeod by telephone at (703) 347-0181 or by email at [mcleod.glen@epa.gov](mailto:mcleod.glen@epa.gov). When you are submitting information or data in response to this letter, please send a copy of this letter to accompany the submission in order to facilitate processing.

Sincerely,



Jacqueline Campbell  
Product Manager 34  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

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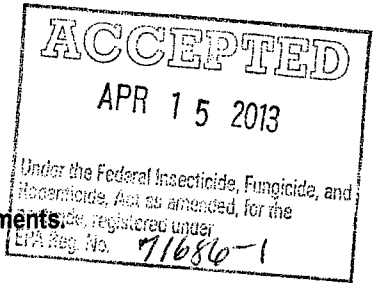
# Crystalline H<sub>2</sub>O™

{Front Panel}

[[Select marketing claims from "Marketing Claims" section]]

**Active Ingredient:**  
 Copper sulfate pentahydrate (CAS No. 7758-99-8)\* ..... 20%  
**Other Ingredients** ..... 80%  
 Total ..... 100%  
 \*Equivalent to 5% copper as elemental

EPA Reg. No. 71686-1                      EPA Est. \_\_\_\_\_



**Keep Out of Reach of Children**  
**CAUTION**  
 See back [side] panel for First Aid and additional Precautionary Statements.

Net Wt.: \_\_\_\_\_ oz. ( \_\_\_\_\_ g) [( \_\_\_\_\_ kg)]  
 {8 ounces through 20 pounds}

{Back/Side Panel(s)/Booklet}

## DIRECTIONS FOR USE

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

Crystalline H<sub>2</sub>O [This product] is an efficient chlorine reducer, pH stabilizer, effective algacide and water clarifier for the maintenance of spa, hot tub and swimming pool water quality.  
 Crystalline H<sub>2</sub>O [This product] is very easy to use.

- Step 1:** Make sure that the filtration system is in good working order. If water or pool are not clean, shock (superchlorinate) water according to that product's instructions and vacuum the pool to remove any leaves and solid residues. Backwash all waste from the filter.
- Step 2:** With an adequate test kit, check water characteristics. Total alkalinity level must be between 80 and 120 ppm and pH between 7.2 and 7.8. Calcium hardness must be between 150 and 500 ppm. Adjust those key parameters to these levels if needed.
- Step 3:** Once the water is clear and balanced, use the enclosed measuring cup to pour the suggested weekly quantity of Crystalline H<sub>2</sub>O [this product] into the skimmer. Only at first application, also dilute an equal quantity of Crystalline H<sub>2</sub>O [this product] in a pail of hot water and spread evenly in the pool.
- Step 4:** Keep the chlorine concentration at 1.5 ppm during the first week. Regularly add enough chlorine to maintain chlorine concentration at 0.6 ppm thereafter.

- Note 1:* Crystalline H<sub>2</sub>O [this product] must always be applied after a backwash, never before.
- Note 2:* Forty-eight hours prior to using Crystalline H<sub>2</sub>O [this product], do not use any other pool products except chlorine.
- Note 3:* Monitor key water parameters every 2-3 weeks and adjust to above mentioned standards if necessary. The addition of large amounts of new unbalanced water will alter water parameters.

### For Hot Tubs and Spas

Apply weekly at the rate of 0.03 oz. (1 cc) Crystalline H<sub>2</sub>O [this product] per 500 gallons of water.

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**Swimming Pools**  
**Weekly Suggested Quantity (after the backwash)**

Pool Size and Approximate Volume									
Round					Rectangular (average depth 5')				
Diameter (Feet)	Volume		Quantity of Crystalline H <sub>2</sub> O [Product]		Dimensions (Feet)	Volume		Quantity of Crystalline H <sub>2</sub> O [Product]	
	Gallons	Liters	Ounces	cc or ml		Gallons	Liters	Ounces	cc or ml
15	5,300	20,000	0.2	7	15 x 30	16,800	63,600	0.7	22
18	7,500	28,600	0.3	10	16 x 32	19,200	72,700	0.8	25
21	10,300	39,000	0.4	14	18 x 36	24,300	92,000	1.0	32
24	13,700	51,800	0.5	18					
27	17,100	64,800	0.7	23					

Use the measuring cup included with this product

**Note:** To ease calculations, use 1-1.2 ounces of product per 2,600 gallons (4.0 ml or cc per 10,000 liters) of pool water.

Pour the required quantity of Crystalline H<sub>2</sub>O [this product] directly into the skimmer.

For Crystalline H<sub>2</sub>O [this product] to be effective, respect the suggested weekly quantity and do not add other products, except chlorine, unless the water must be balanced.

*{Residential/Homeowner Product}*

**Storage and Disposal**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store in original container in a cool, dry (preferably locked) area inaccessible to children or pets. **Pesticide/Container Disposal: If empty:** Non-refillable container; do not reuse or refill this container. Offer for recycling if available; otherwise, dispose in trash. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

*{Commercial Product}*

**Storage and Disposal**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store in original container in a cool, dry (preferably locked) area inaccessible to children or pets. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Non-refillable container; do not reuse or refill this container. Triple rinse (or equivalent) container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or dispose. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available; or reconditioning; if appropriate; or puncture and dispose of in a sanitary landfill.

*{Per PR Notice 2007-4, a lot or batch number will appear on either the container or label of all non-refillable containers.}*

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**First Aid**

<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice if irritation persists.</li> </ul>
<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Immediately rinse skin with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice if irritation persists.</li> </ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. [You may also contact 1-800-222-1222 for emergency medical treatment information.]</p>	

*{Note: The First Aid statements' grid format will be used if label allows, otherwise a paragraph format will be used.}*

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION:** Harmful if swallowed. Avoid contact with skin and eyes. Thoroughly wash with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**Environmental Hazards**

This product is toxic to fish and aquatic organisms.

**Physical or Chemical Hazards**

Excessive levels of copper will increase the possibility of stain on the pool surface caused by copper salts' deposition. This should not occur when using Crystalline H<sub>2</sub>O [this product] at labeled rates.

[Manufactured by:]

**Crystalline H<sub>2</sub>O, Inc.**

66, rue du Parc

St-Apollinaire, Quebec G0S 2E0 Canada

[Phone number]

Product of Canada

*{Marketing Claims}*

**Granular Algaecide**

**Controls Algae in swimming pool water, spas and hot tubs**

**Clarifies Water**

**Stabilizes the pH**

**Chlorine Reducer**

**Crystalline Pool**

*{End of Marketing Claims}*

[ ] Denotes optional/alternative language

{ } Denotes language that does not appear on the market label