



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

71686-1

Date of Issuance:

1/21/2020

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Crystalline H₂O™

Name and Address of Registrant (include ZIP Code):

Kim Davis,
Consultant/Agent
Agent for Crystalline H₂O, Inc.
c/o RegWest Company LLC
8209 West 20th Street, Suite B
Greeley, CO 80634-4699

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby reregistered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on her/his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

EPA received a label amendment submitted on March 4, 2019. EPA grants this request under the authority of section 3(c)(5) of FIFRA, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision for Copper sulfate pentahydrate and Copper Final Registration Review Decision have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of FIFRA, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Signature of Approving Official:

Jacqueline Hardy, Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510P)
Office of Pesticide Programs

Date:

1/21/2020

Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after 12 months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 08/12/2011

If you have any questions, please contact Srinivas Gowda by phone at (703) 308-6354, or via email at gowda.srinivas@epa.gov.

Enclosure: Label stamped "Accepted"

Crystalline H₂O™

{Front Panel}

[[Select marketing claims from “Marketing Claims” section]]

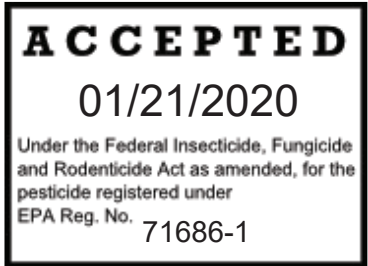
Active Ingredient:

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

DANGER

First Aid

If in Eyes:	<ul style="list-style-type: none"> 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 Swallowed:	<ul style="list-style-type: none"> Immediately call a poison control center or doctor 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:	<ul style="list-style-type: none"> 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 a poison control center or doctor for further treatment advice.
<p>Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.</p> <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.}

See back [side] panel [booklet] for additional Precautionary Statements.

Net Wt.: _____ oz. (_____g) [lbs. [(_____kg)]]
{8 ounces through 20 pounds}

{Back/Side Panel(s)/Booklet}

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER: Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Harmful if swallowed or inhaled. Avoid breathing dust/vapor. Thoroughly wash with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Wear protective eye wear (goggles, face shield, safety glasses).

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 H₂O [this product] at labeled rates.

DIRECTIONS FOR USE

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

Shake Well Before Use

Crystalline H₂O [This product] is an efficient chlorine salt and bromine reducer, pH stabilizer, effective algaecide and water clarifier for the maintenance of spa, hot tub and swimming pool water quality.

Crystalline H₂O [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 H₂O [this product] into the skimmer. Only at first application, also dilute an equal quantity of Crystalline H₂O [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 H₂O [this product] must always be applied after a backwash, never before.

Note 2: Forty-eight hours prior to using Crystalline H₂O [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 H₂O [this product] per 500 gallons (1,900 liters) of water.

Swimming Pools

Weekly Quantity (after the backwash)

Pool Size and Approximate Volume									
Round					Rectangular (average depth 5')				
Diameter (Feet)	Volume		Quantity of Crystalline H ₂ O [Product]		Dimensions (Feet)	Volume		Quantity of Crystalline H ₂ O [Product]	
	Gallons	Liters	Ounces	cc or ml		Gallons	Liters	Ounces	cc or ml
15	5,300	20,000	0.3	8	15 x 30	16,800	63,600	0.9	25
18	7,500	28,600	0.4	11	16 x 32	19,200	72,700	1	29
21	10,300	39,000	0.6	16	18 x 36	24,300	92,000	1.3	37
24	13,700	51,800	0.7	21					
27	17,100	64,800	0.9	26					

Use the measuring cup included with this product

Note: Do not apply more than once per week. Do not use a ratio of more than 1-1.2 ounces of product per 2,600 gallons (4.0 ml or cc per 10,000 liters) of pool, spa or hot tub water.

Pour the required quantity of Crystalline H₂O [this product] directly into the skimmer.

For Crystalline H₂O [this product] to be effective, do not add other products, except chlorine, unless the water must be balanced.

Discharge Directions for Commercial and Residential Pool, Spa and Hot Tub Uses

Before draining a treated pool, spa or hot tub, contact your local sanitary sewer and storm drain authorities and follow their discharge instructions. Do not discharge treated pool or spa water to any location that flows to a gutter, storm drain or natural water body unless discharge is allowed by state and local authorities.

{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.}

[Manufactured by:]

Crystalline H₂O, Inc.

66, rue du Parc

St-Apollinaire, Quebec G0S 2E0 Canada

[Phone number]

Product of Canada

{Marketing Claims}

**Controls Algae in swimming pool water[, spas and hot tubs]
Chlorine Reducer
Clarifies Water**

**Crystalline Pool [System]
Granular Algaecide
Reducer of Chlorine Bromine and Salt
Stabilizes the pH**

{End of Marketing Claims}

{Graphic}



{End of Graphic}

[] Denotes optional/alternative language

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