

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

DEC 2 3 2002

John Harvey, Agent Crystalline H₂0 Inc. 562 Windrift Street Spring Lake, MI. 49456

SUBJECT: November 6, 2002 amendment

Crystalline Pool System EPA Registration 71686-1

Dear Mr. Henry:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments listed below.

On page 2 change the second sentence of Step 1 by adding "according to that product's instructions" after shock (superchlorinate) water.

On page 3 under Precautionary Statements change the appearance of the signal word Caution by making all capital letters and in **bold** type i.e. **CAUTION**.

On page 3, modify the Environmental Hazards statement by deleting all but the first sentence. The National Pollutant Discharge Elimination System statement is not required for a product under 5 gallons or 50 pounds. Concurrently, you must submit Child-Resistant Packaging Certification as required by 40 CFR§157.20.

Two copies of the finished labeling must be submitted prior to releasing the re-labeled product for shipment. An acceptable copy of an edited label is enclosed. If you have any questions regarding this letter, please contact Tom Luminello of my staff at (703) 308-8075.

Sincerely yours

Robert S. Brennis

Product Manager (32)
Regulatory Management Branch II

Antimicrobial Division (7510-C)

GRANULAR ALGICIDE

CONTROLS ALGAE in swimming pool water CLARIFIES WATER

CEANNIES VIAIEN

STABILIZES the pH

not add other products execution granulated in pine EPA Reg. No. 71686-1 EPA Est. 71686-CAN-1

CRYSTALLINE

Net contents: 10.6 oz. (300 g)

CHLORINE

REDUCER

ACTIVE INGREDIENT:

Couper sulfate 20.0%
OTHER INGREDIENTS 80.0%
Example 15 appears and Total 100.0%

Keep out of reach of children
CAUTION
See package insert for additional
precautionary statements

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Refer to package insert for complete Directions.

STORAGE AND DISPOSAL

Storage: Store in a dry place, preferably out of reach of children and pets. Disposal: Do not reuse empty container; wrap and put in trash.

CRYSTALLINE H2O inc

P.O. Box 351, Station St-Martin Laval (Qc), Canada H7V 3P6 1-888-478-4430 (date: 1

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Crystalline Pool Systemtm

Directions for use

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

Crystalline Pool Systemtm is an efficient chlorine reducer, pH stabilizer, effective algaecide and water clarifier for the maintenance of swimming pool water quality.

Crystalline Pool Systemtm 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 and vacuum the pool to remove any leaves and solid residues. Backwash all waste from 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 should be between 150 and 500 ppm. Those key parameters should be adjusted to those 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 Pool System^{un} into the skimmer. An equal quantity should be diluted in a pail of hot water and spread evenly around the pool, at first application only.

Step 4: Chlorine concentration should be kept at 1.5 ppm during the first week. Add enough chlorine regularly to maintain chlorine concentration at 0.6 ppm thereafter.

<u>note 1</u>: Crystalline Pool Systemtm must always be applied after a backwash, never before.

<u>note 2</u>: 48 hrs. prior to start using Crystalline Pool Systemtm, make sure not to use any other product except for chlorine.

note 3: Monitor key water parameters every 2 to 3 weeks and adjust to abovementioned standards if necessary. The addition of large amounts of new unbalanced water will alter water parameters.

WEEKLY SUGGESTED QUANTITY (after the backwash)

Pool size and approximate volume

Quantity of					Quantity of					
Round		Crystalline			Rectangular (avg. depth 5')Crystalline					
Diameter		Volume . Pool System			Dimensions Volume			Po	Pool System	
(fee	t) Gall	ons Liters			(feet)	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	1					
use	the mea	suring cup	includ	ed with th	is produ	ct				

71686-1

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

Pour the required quantity of Crystalline Pool Systemtm directly into the skimmer

For Crystalline Pool Systemtm to be effective, you should respect the suggested weekly quantity and not add other products, except for chlorine and unless you must balance the water.

ACCEPTED
THE COMMENTS
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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Caution: Harmful if swallowed. Avoid contact with skin and eyes. Wash thoroughly with soap and water after handling.

First Aid

If swallowed:

- Call a 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 a poison control center or doctor
- Do not give anything by mouth to an unconscious person.

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 irritation persists.

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 irritation persists.

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 a poison control center or doctor for further treatment advice.

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

Environmental Hazards

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 a National Polluant 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.

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 Pool Systemtm at labeled rates.

ACTIVE INGREDIENT:

*Copper sulfate pentahydrate 20.0%
Other ingredients 80.0%
Total: 100.0%

*equivalent to 5.0% copper as elemental (or .02 ppm)
EPA Reg. no. 71686-1
EPA Est. 71686-CAN-1

DMC H₂O Inc.

P.O. Box 1527, Monterey Station, Laval (Que.) Canada H7L 3S3 1-888-478-4430

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