

57787-14

10/15/2008

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



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

October 15, 2008

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Olivia D. Laird  
Environmental, Health, Safety, & Compliance Manager  
Haviland Consumer Products, Inc.  
421 Ann Street, NW  
Grand Rapids, MI 49504-2075

Subject: Crystal Shock  
EPA Registration No. 57787-14  
Application Date: July 23, 2008  
Receipt Date: July 31, 2008

Dear Ms. Laird:

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

- Addition of Spa use to label

**General Comments**

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,

Emily H. Mitchell  
Product Manager (32)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

CONCURRENCES							
MBOL	7510P	7510P					
NAME	E.K. Ke. 19	Henson					
TE	10/15/08						

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER.** Fatal if inhaled. Corrosive. Causes irreversible eye damage and skin burns. Do not breathe vapors or get in eyes, on skin or clothing. Use dust/mist filtering respirator (MSHA/NIOSH approved number prefix TC-21C). Wear goggles or face shield, protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

**FIRST AID**

**If swallowed:** Call a poison control center or doctor immediately for treatment advice. Chemtrec 1-800-424-9300. 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 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. Chemtrec 1-800-424-9300. **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. Chemtrec 1-800-424-9300. **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. Chemtrec 1-800-424-9300. Have the product container or label with you when calling a poison control center or doctor or going for treatment. **Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

**ENVIRONMENTAL HAZARDS:**

This product is toxic to fish. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with NPDES Permit. For guidance contact the regional office of EPA.

**PHYSICAL AND CHEMICAL HAZARDS**

**STRONG OXIDIZING AGENT:** Strong Oxidizing Agent. Mix only with 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, with generation of heat, liberation of hazardous gases, and possible generation of fire and explosion. In case of contamination of decomposition do not reseal container. If possible isolate container in open air or well ventilated area. Flood with large volumes of water, if necessary.

**DIRECTIONS FOR USE:**

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

**TO MAINTAIN PROPER CHLORINE RESIDUAL**

For optimum results, the pH of the swimming pool and spa water should be maintained between 7.2 and 7.8. A Chlorine stabilizer (cyanuric acid) for spas should also be used to prevent extreme fluctuations in the chlorine level. To satisfy the chlorine demand of the water, use repeated dosages of this product of 1/3 cup (2.7 oz. by wt.) for each 5,000 gallons of water as necessary. For spas one cap full or 0.5 oz. for 500 gallons. One ounce of product by weight per 5,000 gallons of water will apply approximately 0.5 ppm available chlorine residual. To maintain a desired level of 1.0 to 1.5 ppm of chlorine residual, add 1/3 cup of product for each 5,000 gallons of water daily or as needed. For spas add as needed. Once every 10 days or two weeks the pool water should be shocked with chlorine to prevent the development of resistant species of algae. Use non-chlorine shock treatment for spa once per week or as needed. Use a test kit for chlorine and pH control.

**SHOCK TREATMENT**

Utilizing your test kit, adjust pH of pool and spa water to 7.2-7.6. Use 1 pound of product (approx. 2 cups) for each 10,000 gallons of water in the evening when the pool will not be used for a minimum of 12 hours. Use 1.0 oz. (approximately 1 cap full) for each 500 gallons of water in the spa. Do not use the spa for a minimum of 12 hours. Test the chlorine residual and if above 2.0 ppm do not allow swimming until residual has decreased.

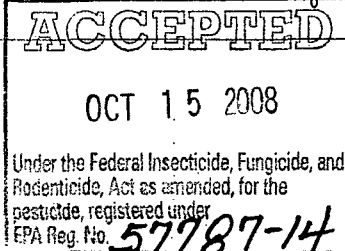
**STORAGE AND DISPOSAL**

**STORAGE:** Keep this product dry in a tightly sealed container when not in use. Store in a cool, dry, well-ventilated area away from heat or open flame. In case of decomposition, isolate container (if possible) and flood area with large amounts of water to dissolve all material before discarding the container.

**DISPOSAL:** Do not reuse empty container. Disposal Instructions: Call your local solid waste agency or 1-800-CLEANUP (253-2687) for proper disposal of empty containers and unused product.

EPA Reg. No. 57787-14  
EPA Est. No. 57787-MI-001

Packaged by:  
Haviland Consumer Products  
421 Ann St. NW  
Grand Rapids, MI 49504  
L232213



**CRYSTAL SHOCK™**

**A CHLORINATING SANITIZER  
FOR MODERN SWIM  
POOL & SPA CARE**

**ACTIVE INGREDIENT**

Lithium Hypochlorite.....29% \*

**OTHER INGREDIENTS.....71%**

Total.....100%

\*Contains 35% available chlorine

**KEEP OUT OF REACH OF CHILDREN**

**DANGER•POISON**



See first aid and additional precautions on back panel.

**NET WT. 2 LB.  
(.907 kg)**

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