

July 30, 2004

Richard Westman
Haviland Consumer Products, Inc.
421 Ann Street, NW
Grand Rapids, MI 49504-2075

Subject: Lithium Hypochlorite
EPA Registration No. 57787-14
Application Date: April 26, 2004
Receipt Date: May 3, 2004

Dear Mr. Westman:

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

This product is only registered for Swimming Pool Care. The Agency database did not reflect any products currently registered with Lithium Hypochlorite as the active ingredient for the spa use site. Therefore, data/information is required to have this use site added to the label and all references to Spa use have been removed from the current label.

General Comments

A stamped copy of your labeling accepted with comment is enclosed. Submit a copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

If you wish to change the primary brand name of this product to "Crystal Shock" you must submit a label with the proposed name change.

CONCURRENCES

SYMBOL	7510C						
SURNAME	M. J. Chel						
DATE	7-30-04						

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

Sincerely,

*Emily H. Mitchell
Product Manager - Team 32
Regulatory Management Branch II
Antimicrobials Division (7510C)*

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 water should be maintained between 7.2 and 7.6.

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.

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.

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 a test kit for chlorine and pH control.

SHOCK TREATMENT

Utilizing your test kit, adjust pH of pool 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.

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.

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 reseat container. If possible isolate container in open air or well ventilated area. Flood with large volumes of water, if necessary.

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.

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.

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

Packaged by:
Haviland Consumer Products
Grand Rapids, MI 49504
L232213



ACCEPTED

with COMMENTS

EPA Letter Dated:

JUL 30 2004

Under the Federal Insecticide, Fungicide, and Rodenticide Act, amended, for pesticide

57787-14

HAVILAND®

HYPOCHLORITE
Stabilizer For
Pool Care



Y-4593-1, Haviland, Rev 1, 4/12/04,
6.75 x 9.625, PMS 485, Proc. Blue,
Reflex Blue, Roll Wind 3

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