

PM 32

21268-4

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Dr. N. Bhushan Mandava, Agent  
North American Marketing Corporation  
C/O Science Regulatory Services International  
1625 K Street, N. W.  
Washington, D. C. 20006-1604

AUG 02 1993

Dear Dr. Mandava:

Subject: Blue Cross Chlorinating Granules  
EPA Registration No. 21268-4  
Your Amendment Dated February 19, 1993

This is in response to your amendment to reflect product name change from "Pool Trol Chlorinating Granules" to "Blue Cross Chlorinating Granules" and add an additional source of supply for the subject product.

The proposed alternate source of supply for the active ingredient, calcium hypochlorite, is acceptable.

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

1. In the ingredient statement headings, the "Active Ingredient" and "Inert Ingredients" should be aligned to the same left hand margin.

2. Revise the ingestion statement to read:

"If Swallowed, drink large amounts of water. Do not induce vomiting. Call a physician or poison control center immediately."

2. Revise the Environmental Hazards to read:

"This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA."

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

3. The percentage of available chlorine should not be aligned with the percentages of the active and inert ingredients. Delete 65% Available Chlorine from above the ingredient statement.

According to our records, no eight month response to the Sodium/Calcium Hypochlorite Reregistration Eligibility Document (RED) has been received for this product. You should have received a Notice of Intent to Suspend the Registration of this product by now. It should be noted that the acceptance of this subject amendment does not negate the suspension of this registration.

A stamped copy is enclosed for your records. Submit five copies of the final printed label.

The proposed product name change is acceptable. It has been made a part of our records for this file.

If you have any questions about these comments, please call Marianne Clark at (703) 305-7879.

Sincerely yours,



Ruth Douglas  
Product Manager (32)  
Antimicrobial Program Branch  
Registration Division (H7505C)

CHLORINATING GRANULES

BLUE CROSS

| front

BLUE CROSS 



For use as a Bactericide and Algaecide

65% Available Chlorine for Swimming Pool Sanitation

Active Ingredient:		Inert Ingredients . . . . .	35%
Calcium Hypochlorite . . . . .	65%	Available Chlorine . . . . .	65%

KEEP OUT OF REACH OF CHILDREN

DANGER: See additional Precautionary and First Aid Statements on Back Panel

Net Wt. 25 lbs.

BEST AVAILABLE COPY

4 of 4

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

**DIRECTIONS FOR USE:**

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

BLUE CROSS Chlorinating Granules is a concentrated chlorine agent in a dry, free-flowing form. BLUE CROSS Chlorinating Granules controls the growth of algae and effectively kills many bacteria, thereby helping to keep the pool in sanitary condition. Use clean, dry scoop to measure BLUE CROSS Granules.

**READ PRECAUTIONARY STATEMENTS BEFORE USE!**

**INITIAL CHLORINATION:** For new pools, spring start-up or superchlorination, add 1 - 2 oz. of BLUE CROSS Chlorinating Granules per 1,000 gallons of pool water to yield 5 - 10 ppm available chlorine. After 1 hour, use a BLUE CROSS Test Kit to determine the chlorine residual. If below 1.0 ppm (parts per million), repeat dosage until 1 - 3 ppm is obtained. For best results, prepare a solution (1 oz. of granules per 1/2 gal. of water) or scatter granules over a wide area of pool water surface. Do not enter pool until chlorine residual is between 1.0 to 3.0 ppm.

**ROUTINE CHLORINATION:** Add 2 oz. of BLUE CROSS Granules per 10,000 gallons of pool water by sprinkling the granules over a wide area of pool

water surface to yield an available chlorine residual of 0.6 - 1.0 ppm by weight. Stabilized pools should maintain a chlorine residual of 1.0 - 1.5 ppm. Using a BLUE CROSS Test Kit as a guide, maintain the pH of the pool water at 7.2 to 7.6. If the pH is below 7.2, add BLUE CROSS pH Plus in accordance with its label directions. If the pH is higher than 7.6, lower the pH with the addition of BLUE CROSS pH Minus, following label directions. Frequency of water treatment will depend upon temperature, bather load and amount of water flow.

**SUPERCHLORINATION:** Once a week, or if algae is present, superchlorinate pool water by adding 1 - 2 oz. per 1,000 gallons of pool water. Thoroughly clean pool by scrubbing surface of algae growth. Then vacuum and cycle through filter. Pool should not be entered until chlorine residual returns to 1 - 3 ppm.

**TO DETERMINE POOL CAPACITY (IN U.S. GALLONS)**

Rectangular or Square Pools - Multiply length x width x average depth (all in feet) x 7.5 = Gallons.

Circular Pools - Multiply diameter x diameter x average depth (all in feet) x 5.9 = Gallons.

Oval Pools - Multiply length x width x average depth (all in feet) x 6.8 = Gallons.

**WINTERIZING:** While water is still clean and clear, apply 0.6 oz. of BLUE CROSS Granules per 1,000 gallons of pool water, while filter is running. Cover and close pool in accordance with manufacturers instructions.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**DANGER:** Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or safety glasses and rubber gloves when handling this product. Irritating to nose and throat. Avoid breathing dust. Remove and wash contaminated clothing before use.

**PHYSICAL OR CHEMICAL HAZARDS**

**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 will start a chemical reaction and generate heat, chlorine gas (and possible fire and explosion). In case of contamination or decomposition, do not

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

**STATEMENT OF PRACTICAL TREATMENT**

**FIRST AID:** If contact with eyes occurs, flush with cold water for at least 15 minutes. Get medical attention. If contact with skin occurs, brush off excess chemical and flush skin with cold water for at least 15 minutes. If irritation persists, get medical attention. If swallowed, feed bread soaked in milk, followed by olive oil or cooking oil. DO NOT induce vomiting. Call a physician immediately.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not discharge into lakes, streams, ponds or public waterways unless in accordance with a NPDES permit. For guidance, contact the regional office of the U.S. Environmental Protection Agency.

**STORAGE AND DISPOSAL**

Keep this product dry in a tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. Do not reuse empty container. Wrap container and put in trash.

EPA Reg No. 21268-4

North American Marketing Corp. Manchester, CT 06046

EPA Est. No. 52270-GA-01

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ACCEPTED with COMMENTS to EPA Letter Dated:

**AUG 02 1993**

Under the Federal Insecticide Fungicide, and Rodenticide Act as amended, for use pursuant to registration under FIFRA Sec. No.

21268-4