

8622-29

07-28-2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

JUL 28 2011

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

George Katsigras
Regulatory Affairs Specialist
ICL-IP America Inc.
95 MacCorkle Avenue SW
South Charleston, WV 25303

Subject: Halogene G
EPA Reg. No. 8622-29
Application Dated: June 13, 2011
Receipt Date: June 29, 2011

Dear Mr. Katsigras:

The following notification submitted in connection with registration under the provisions of PR Notice 98-10, Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)9 is acceptable.

Proposed Notification:

- Label revisions: Correct directions for use under Pulp and Paper Mill Water Systems specifying 'do not' contact food and add the word 'bacterial' before 'slime (only)' above ingredient statement

Comments:

Based on a review of the material submitted, the following comments apply:

This application for notification to revise the product label, as referenced above, is acceptable. A copy has been placed in our records for future reference.

Should you have any questions or comments concerning this letter, please contact Wanda Henson at (703) 308-6345 or via email at Henson.Wanda@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Monisha Harris".

Monisha Harris
Product Manager (32)
Regulatory Management Branch II
Antimicrobials Division (7510P)

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5**PRECAUTIONARY STATEMENTS****USE WITH ADEQUATE VENTILATION****WASH THOROUGHLY AFTER HANDLING****DO NOT SMOKE, DRINK, OR EAT WHEN HANDLING.****HAZARDS TO HUMANS AND DOMESTIC ANIMALS****CORROSIVE****CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS****EYE CONTACT MAY CAUSE LOSS OF VISION****IRRITATING TO NOSE AND THROAT****MAY BE FATAL IF INHALED****HARMFUL IF ABSORBED THROUGH SKIN OR SWALLOWED****DO NOT SHIP WITH FOODS, FEEDS, DRUGS, OR CLOTHING****KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE**

Do not breathe dust or spray mist. Do not get in eyes, on skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear goggles with side-shields, face shield, or safety glasses; protective clothing and rubber gloves. Wear a dust mist mask or pesticide respirator approved by the National Institute for Occupational Safety and Health. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before re-use.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. Do not contaminate water by cleaning of equipment or disposal of wastes. 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 Pollutant 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.

CHEMICAL AND PHYSICAL HAZARDS

Strong oxidizer, mix with water only. Reaction with combustible organic materials, bases, moisture or with oxidizers may generate heat, hazardous gases and, possibly, fire or explosion. Do not add to dispensers or other equipment that is not dry and clean of any chemical remnants. Does not burn, but will decompose, from about 320°F (160°C), releasing toxic gases. Avoid comminution and dusting.

DIRECTIONS FOR USE

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

INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS

Used effectively at treatments recommended to achieve exposures to one part per million (ppm) of 'active' residual bromine to control algal, bacterial and fungal slimes in industrial cooling towers; influent water systems, e.g. flow-through filters, and lagoons, etc.; heat-exchange water systems; industrial water scrubbing systems; brewery and canning pasteurizers and industrial air-washing systems equipped with a mist eliminator.

TREATMENT RATES

Initial treatment: When noticeably fouled, add 2-6 lbs./10,000 gallons of water contained in the system. Repeat initial treatment until one ppm of 'active' residual bromine is established for at least 4 hours.

Subsequent treatment: When microbial control is evident, add 1-3 lbs/10,000 gallons of water contained in the system. Repeat as needed to maintain one ppm of 'active' residual bromine for at least 4 hours.

ONCE-THROUGH INDUSTRIAL COOLING WATER SYSTEMS

Used for the control of algal, bacterial and fungal slimes, by adding to the system inlet, or before any other contaminated area in the system, in once-through and closed-cycle fresh and sea water cooling systems; cooling ponds; canals; and lagoons.

TREATMENT RATES

Initial treatment: When noticeably fouled, add 2-6 lbs/10,000 gallons of water contained in the system. Repeat initial treatment until one ppm of 'active' residual bromine is established for at least 4 hours.

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Subsequent treatment: When microbial control is evident, add 1-3 lbs/10,000 gallons of water contained in the system. Repeat as needed to maintain one ppm of 'active' residual bromine for at least 4 hours.

AIR CONDITIONER CONDENSATE

Place 0.85 ounces [24 grams] in condensate line dispenser. Check once every six months or as required. The presence of granules will vary depending upon atmospheric conditions and indoor air temperature requirements.

PULP AND PAPER MILL WATER SYSTEMS

This product is intended for use as a slimicide for the process water used in the manufacture of paper and paperboard products that do not contact food. Treat water at critical areas in the system process where mixing of the product with influent will be uniform. The frequency and duration of the treatment will depend upon the severity of the problem. Badly fouled process systems must be cleaned before initial treatment.

[Note: Either one or both of the following treatment methods may be included on the label.]

Treatment by system volume

When a system is noticeably fouled: add 0.098 to 0.98 pounds (or 12 to 120 ppm) of HALOGENE G to 1,000 gallons of water in the system. When biological control is evident: add 0.098 to 0.74 pounds (or 12 to 90 ppm) of HALOGENE G to 1,000 gallons of water in the system.

Treatment by residual method

Add sufficient HALOGENE G to maintain a measured residual up to 5 ppm as bromine. Once biological control is evident, the use of HALOGENE G normally can be reduced to something less than 1 ppm as bromine.

[Optional Statement]

An alternative method of calculating the appropriate level of HALOGENE G is to estimate the paper mill's daily production, then add, over a 24-hour period, up to 588 grams (1.27 pounds) of HALOGENE G per dry ton of paper produced over a 24-hour period. Test for bromine to verify the level of 5 ppm is not being exceeded.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store in a dark, cool [below 86°F (30°C)], dry, well-ventilated area, in well-closed original containers, away from energy sources, combustible organic materials, oxidizers, strong bases and moisture.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING

[SUPERSACK: Completely empty bag into application equipment. Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available.]

[FIBER DRUM: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Non refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Replace and tighten closures. Tip container on its side and roll it back and forth ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.]

[PAIL: Non refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or 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 disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.]

SPILLS

When handling or dealing with spills, use impact-resistant goggles with side-shields, or face shield; body-covering clothes, including impervious rubber or plastic gloves and boots; use a dust respirator if dusting occurs. Sweep up dry spills and dispose of as described for pesticide disposal. If drum contents are contaminated or decomposing, do not reseal container; isolate unsealed drum in the open or in a well-ventilated area; flood with large volumes of water if necessary.

IN CASE OF FIRE: Do not use ammonium phosphate extinguisher near water and HALOGENE G. Hazardous reactions may occur.

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WARRANTY

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with label directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such use.

MANUFACTURED FOR:
ICL-IP AMERICA INC.
95 MacCorkle Avenue S.W.
South Charleston, WV 25303
Tel: (304) 720-3590

EPA Reg. No. 8622-29
EPA Est. No. _____

NET CONTENTS: _____ LBS. [KGS].