

8622-30

07/18/2011

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

FILE COPY

JUL 18 2011

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Subject: Halogene® T-30
EPA Registration No.: 8622-30
Application Date: 06/30/2011
Receipt Date: 07/01/2011

Dear Mr. George Katsigras:

The following amendment submitted in connection with registration under FIFRA, as amended, is acceptable with conditions.

Proposed Amendment

- Revisions and corrections to Directions for Use
- Reformat placement and order of additional precautionary statements
- Revisions to the Storage & Disposal statements
- Revision of Warranty Statement

Conditions:

Revise the label as follows:

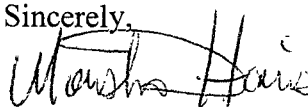
- 1) In the precautionary statements, move the word "Corrosive" to a separate line or add it to next line right before "Causes irreversible eye damage and skin burns."
- 2) Add "and before using eating, drinking, chewing gum, using tobacco, or using the toilet" after "handling" in the 2nd to last sentence of the 2nd paragraph of the precautionary statements.
- 3) As per the RED, delete "rubber gloves" and state "chemical-resistant gloves" in the 4th sentence of the 2nd paragraph of the precautionary statements. Also delete "rubber or plastic gloves" and state "chemical-resistant gloves" in the first sentence under the Spills section on page 3.
- 4) Delete the term "recommended" in the first sentence of the Industrial Recirculating Cooling Water Systems section as per PR 2000-5, Mandatory Labeling.

General Comments

A stamped label with conditions is enclosed for your records. Submit three (3) copies 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, you may contact me by telephone at (703) 308-0410 or by e-mail at harris.monisha@epa.gov or Jaclyn Carl by telephone at (703) 347-0213 or by e-mail at carl.jaclyn@epa.gov. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,



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

{All text in brackets [xxx] is optional and may or may not be intended on a final label.}

{All text in braces {xxx} is administrative and will not appear on a final label.}

HALOGENE[®] T-30

BROMO-CHLORO-DIMETHYLHYDANTOIN

A MICROBIOCIDAL BACTERICIDE, FUNGICIDE, ALGAECIDE AND SLIMICIDE, FOR TREATING INDUSTRIAL RECIRCULATING COOLING WATER AND ONCE-THROUGH COOLING WATER SYSTEMS, AIR CONDITIONER CONDENSATE, ORNAMENTAL FOUNTAINS, AND PULP & PAPER MILL WATER SYSTEMS for slime (only).

ACTIVE INGREDIENT: Bromochloro-5,5-dimethylhydantoin..... 98%
 OTHER INGREDIENTS: 2%
 TOTAL100%

KEEP OUT OF REACH OF CHILDREN
DANGER
CORROSIVE AND STRONG OXIDIZER

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • 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 on skin or clothing	<ul style="list-style-type: none"> • 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 inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a Poison control center or doctor, or going for treatment. YOU MAY ALSO CONTACT [1-304-746-3000][supplemental distributor telephone number] FOR EMERGENCY MEDICAL TREATMENT INFORMATION.	
NOTE TO PHYSICIAN "Probable mucosal damage may contraindicate the use of gastric lavage."	

ACCEPTED
 with **COMMENTS**
 in EPA Letter Dated:
JUL 18 2011
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act as
 amended, for the pesticide,
 registered under EPA Reg. No. **8622-30**

See [back] [side] panels for additional precautionary statements [and first aid].

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. 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 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.

Use with adequate ventilation. Do not smoke, drink, or eat when handling. Keep container tightly closed when not in use. Do not ship with foods, feeds, drugs, or clothing

{for containers having capacity of equal to or less than 50 lbs.}

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms.

{for containers having capacity of greater than 50 lbs.}

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 of this product per 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 of this product per 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 of this product per 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 of this product per 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.

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ORNAMENTAL FOUNTAINS

See treatment rates for industrial recirculating cooling water systems.

AIR CONDITIONER CONDENSATE

Place tablet in condensate line dispenser. Check once every six months or as required. The life of the tablet 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 slimeicide 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 this product 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 this product to 1,000 gallons of water in the system.

Treatment by residual method

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

[Optional Statement] An alternative method of calculating the appropriate level of this product is to estimate the paper mill's daily production, then add, over a 24-hour period, up to 588 grams (1.27 pounds) of this product 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.

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 this product. Hazardous reactions may occur.

STORAGE AND DISPOSAL

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

PESTICIDE 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:

{FIBER DRUM with liner}

[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.]

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 to the extent of the applicable law 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. 8622-30
EPA Est. No. _____

NET CONTENTS: _____ LBS. [___ KGS.]