

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

JUN 1 1 2010

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

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

FILE COPY

Subject:

Halogene

EPA Reg. No. 8622-28

Application Dated: April 14, 2010 Receipt Date: May 13, 2010

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:**

Revised Container Handling Section per PR Notice 2007-4

# **Comments:**

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

Add the appropriate residue removal statement based on the product's formulation and container type.

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 me at <a href="mailto:Henson.Wanda@epa.gov">Henson.Wanda@epa.gov</a> or call (703) 308-6345.

Sincerely,

Wanda Henson

Acting Product Manager (32)

Regulatory Management Branch II

Antimicrobials Division (7510P)

<i>y</i>								2
SEPA	Environmenta	Inited States		Form Ar	F	OMB No. 2 Registra Amendr Other	tion	O. Approval expires 2-28-OPP Identifier Number 292317
		<b>Applicati</b>	on for Pes	ticide - Sec	ction I			
1. Company/Product Number 8622-28			2. EPA Product Manager  E. Mitchell			l —	oposed Classification	
4. Company/Product (Name) Halogene			1	PM# 32				
5. Name and Address of ApplICL-IP America Inc. 95 MacCorkle Avenue South Charleston, W	e S.W.	ode)	(b) to: El	•	is simila	r or ident	ical in co	FIFRA Section 3(c)(3) mposition and labeling
			Section	1 - II			· · · · · · · · · · · · · · · · · · ·	
Amendment - Explain  Resubmission in resp  Notification - Explain  Explanation: Use addition  Notification to change the Pe See attached page for certific Fee determination: Fee Cate george.katsigras@icl-ip.com	below.  hal page(s) if necessar sticide Container Disposation.  egory - Not Applicable	ry. (For section		Agency le "Me Too" Other - Ex	tter dated Application	on.	e to	
			Section	- 111		****		
Material This Product Will Child-Resistant Packaging Yes	Be Packaged In: Unit Packaging Yes	_	Water Solu	ble Packaging	1	2. Type of	Container Metal Plastic	
V No  * Certification must be submitted	✓ No If "Yes" Unit Packaging wgt.	No. per . container	√ No If "Yes" Package w	No. per gt contain			Glass Paper	Specify)
Label Container		4. Size(s) Re	etail Container 5. Loca 25 - 50 Lbs.		ation of Label Directions on label			
6. Manner in Which Label is	Affixed to Product	J Litho	graph r glued piled	Oth	er			
····			Section	- IV				····
1. Contact Point (Complete	items directly below	for identificati	on of individua	to be contacted	, if neces	sary, to pr	ocess this	application.)
Name George Katsigras			Title Regulatory Affairs Specialist				Telephon 304.720.	e No. (Include Area Code) 3924
I certify that the state I acknowledge that an both under applicable	y knowlinglly false or	Certification this form and misleading st	d all attachmen	ts thereto are tru e punishable by	ie, accure fine or im	ate and cor prisonmen	tor c c	6. Date Application Ruceived (Stamped)
2. Signature Kartignas			3. Title  Regulatory Affairs Specialist				(((((	(

5. Date

14-Apr-2010

4. Typed Name

George Katsigras





ICL-IP AMERICA INC. 95 MacCorkle Avenue SW, South Charleston, WV 25303, USA Tel: (304) 720-3950, Fax: (304) 746-3101, www.icl-industrial.com, info@ameribrom.icl-ip.com

April 14, 2010

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Rm S-4900, One Potamac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

SUBJECT:

Notification per PR Notice 2007-4 for Halogene®

(EPA Reg. No. 8622-28)

Dear Sir/Madam:

Please process the enclosed notification for the above referenced product.

The purpose of this notification is to:

 Add language required by the Pesticide Container Rule under Storage and Disposal per PR Notice 2007-4.

# Enclosed are:

- Application form (EPA Form 8570-1)
- Annotated Label
- Notification Certification Statement

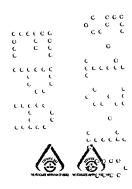
If you have any questions or need additional information, please feel free to contact me by phone at (304) 720-3924 or via email <a href="mailto:george.katsigras@icl-ip.com">george.katsigras@icl-ip.com</a>.

Sincerely yours,

George Katsigras

Regulatory Affairs Specialist







ICL-IP AMERICA INC. 95 MacCorkle Avenue SW, South Charleston, WV 25303, USA Tel: (304) 720-3950, Fax: (304) 746-3101, www.icl-industrial.com, info@icl-ip.com

April 14, 2010

Section II Explanation (Continued)

**Certification Statement** 

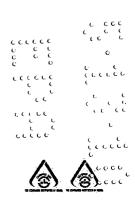
"Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of the EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA."

George Katsigras

Regulatory Affairs Specialist

ICL-IP America Inc.





{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®

# BROMO-CHLORO-DIMETHYLHYDANTOIN

A MICROBIOCIDAL BACTERICIDE, FUNGICIDE, ALGAECIDE AND SLIMICIDE, FOR TREATING RECIRCULATING COOLING WATER IN INDUSTRIAL COOLING SYSTEMS, INDUSTRIAL ONCE-THROUGH COOLING WATER SYSTEMS, PULP AND PAPER MILL WATER SYSTEMS.

ACTIVE INGREDIENT:	Bromo-chloro-5,5-dimethylhydantoin	96%
OTHER INGREDIENTS:		4%
TOTAL		100%

# DANGER CORROSIVE AND STRONG OXIDIZER

NOTIFICATION: /2010
Date Reviewed: 6/1/2010
Reviewed By: 6/1/2010

<u> </u>	FIRST AID
If in eyes	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If on skin or clothing	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If inhaled	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
If swallowed	<ul> <li>Call poison control center, or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
pois	he product container or label with you when calling a on control center or doctor, or going for treatment.  'ALSO CONTACT 1-304-746-3000 FOR EMERGENCY MEDICAL TREATMENT INFORMATION.
Probable muc	NOTE TO PHYSICIAN cosal damage may contraindicate the use of gastric lavage.

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

# PRECAUTIONARY STATEMENTS

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 SMOKE, DRINK, OR EAT WHEN HANDLING

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**

{for containers less than 50 pounds}

This product is toxic to fish and aquatic organisms.

{for containers 50 pounds or more}

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.

# 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

Non refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

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 (fine cessary.

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

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# **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.

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.

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.

# **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 may 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 0.1 to 1.0 pounds (or 12 to 120 ppm) of HALOGENE to 1,000 gallons of water in the system. When biological control is evident: add 0.1 to 0.75 pounds (or 12 to 90 ppm) of HALOGENE to 1,000 gallons of water in the system.]

[Treatment by residual method

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

[An alternative method of calculating the appropriate level of HALOGENE is to estimate the paper mill's daily production, then add, over a 24-hour period, up to 600 grams (1.3 pounds) of HALOGENE 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.]

# 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 réasonably 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. 8622-28
EPA Est. No.
NET CONTENTS:LBS

