

8622-29

9/5/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 5, 2012

Robert Rosenwasser  
RR Consulting Services Inc , Agent  
c/o ICL-IP America Inc  
273 Althea Avenue  
Morrisville, PA 19067

Subject Halogene-G  
EPA Registration Number 8622-29  
Application Date August 20, 2012  
EPA Receipt Date August 22, 2012

Dear Mr Rosenwasser

This acknowledges receipt of the above notification application, submitted under the provision of PR Notice 98-10, FIFRA 3(c)9

Proposed Notification

- Add Water Soluble Bag Packaging

General Comments

Based on a review of the material submitted, the following comment applies

The notification application is acceptable A copy of the notification has been inserted in your file for future reference

Should you have any questions or comments concerning this letter, please contact Adam Heyward via email at [heyward\\_adam@epa.gov](mailto:heyward_adam@epa.gov) or by telephone at (703) 347-0274 during the hours of 6 00 am to 2 30 pm EST

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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United States  
Environmental Protection Agency  
Washington DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

### Application for Pesticide - Section I

1 Company/Product Number 8622-29	2 EPA Product Manager J Campbell-McFarlane	3 Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) Halogene-G	PM# 34	
5 Name and Address of Applicant (Include ZIP Code) ICL-IP America Inc 95 MacCorkle Avenue S W South Charleston WV 25303 <input type="checkbox"/> Check if this is a new address	6 Expedited Review In accordance with FIFRA Section 3(c)(3) (b)(i) my product is similar or identical in composition and labeling to EPA Reg No _____ Product Name _____	

### Section - II

<input type="checkbox"/> Amendment Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification Explain below	<input type="checkbox"/> Other Explain below

### Explanation Use additional page(s) if necessary (For section I and Section II)

Notification of Addition of Water Soluble Bag Packaging per PR Notice 98 10  
 This notice is consistent with the provisions of PR Notice 98 10 and EPA regulations at 40 CFR 152.46 and no other changes have been made to the labeling or the Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98 10 and 40 CFR 152.46 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.

### Section - III

1 Material This Product Will Be Packaged In					2 Type of Container	
Child Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes" Unit Packaging wgt No per container		Metal Plastic Glass Paper Other (Specify) WSB	
* Certification must be submitted		If "Yes" Package wgt 1 lb		No per container 50		
3 Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4 Size(s) Retail Container 1 lb X 50 per plastic pail		5 Location of Label Directions <input type="checkbox"/> on label		
6 Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____			

### Section - IV

1 Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application)		
Name Robert Rosenwasser	Title Agent for ICL IP Inc	Telephone No (Include Area Code) 207-746-6419
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment both under applicable law.		6 Date Application Received (Stamped)
2 Signature 	3 Title Agent for ICL IP Inc	
4 Typed Name Robert Rosenwasser	5 Date August 20 2012	



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{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® G

## 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 PULP AND PAPER MILL WATER SYSTEMS for bacterial slime (only)

ACTIVE INGREDIENT	Bromochloro-5,5-dimethylhydantoin	98%
OTHER INGREDIENTS		2%
TOTAL		100%

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**  
**CORROSIVE AND STRONG OXIDIZER**

NOTIFICATION  
Date Reviewed 7-5-12  
Reviewed By A. HAZWIP

FIRST AID	
If in eyes	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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 style="list-style-type: none"> <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 style="list-style-type: none"> <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>
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment</p> <p>YOU MAY ALSO CONTACT [1-304-746-3000] [telephone number provided by the supplemental distributor] FOR EMERGENCY MEDICAL TREATMENT INFORMATION</p>	
<p>NOTE TO PHYSICIAN</p> <p>'Probable mucosal damage may contraindicate the use of gastric lavage</p>	

See [side] [back] panels for additional precautionary statements [and First Aid]

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**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 chemical-resistant 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 and before eating drinking, chewing gum using tobacco or using the toilet 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 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

Addition of this product must be made via a metering pump or chemical feed dispenser with control release mechanism that accompanies this product's container

**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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**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

Addition of this product must be made via a metering pump or chemical feed dispenser with control release mechanism that accompanies this product's container

**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

**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 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

**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

{For Water soluble bag}

[Do not allow water soluble bags to become wet during storage Do not handle water soluble bags with wet hands or wet gloves Do not remove from container except for immediate use Do not remove product from water soluble bag ]

**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

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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 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 ]

{for PLASTIC BAG}

[Non-refillable container Do not reuse or refill this container Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles If not emptied in this manner the bag may be considered an acute hazardous waste and must be disposed in accordance with local state and federal regulations When completely empty offer for recycling if available or dispose of bag in a sanitary landfill or by incineration or if allowed by state and local authorities by burning If burned stay out of smoke]

{for BOTTLE or JAR or CANISTER}

Non-refillable container Do not reuse or refill this container Completely empty [bottle][jar][canister] into application equipment If not emptied in this manner the [bottle][jar][canister] may be considered an acute hazardous waste and must be disposed in accordance with local state and federal regulations When completely empty offer for recycling if available or dispose of [bottle][jar][canister] in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning If burned stay out of smoke]

{For Water soluble bag}

[Non-refillable container Do not reuse or refill this container When all water soluble bags are used the outer container should be clean and may be disposed of in a sanitary landfill or by incineration If outer container contacts formulated product in any way, it must be triple rinsed with clean water Triple rinse as follows empty the remaining contents into application equipment or a mix tank Fill the container ¼ full with water and close tightly 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 Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration ]

#### SPILLS

When handling or dealing with spills use impact-resistant goggles with side-shields or face shield body-covering clothes including impervious chemical-resistant 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

