



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 1, 2017

Levi Howell
Regulatory Affairs Specialist
ICL-IP America, Inc.
11636 Huntington Road
Gallipolis Ferry, WV 25515

Subject: Label Amendment – Addition of decorative water fountains/ reflecting ponds to directions for use; minor label updates
Product Name: HALOGENE G
EPA Registration Number: 8622-29
Application Date: March 19, 2017
Decision Number: 527383

Dear Mr. Howell:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

Page 2 of 2
EPA Reg. No. 8622-29
Decision No. 527383

with FIFRA section 6. If you have any questions, you may contact Donna Kamarei at (703)347-0443 or via email at Kamarei.donna@epa.gov.

Sincerely,



for

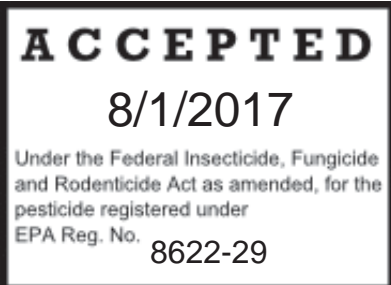
Demson Fuller, Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure: Stamped label

{8622-29}

{HALOGENE® G Master Label Ver.19}

{DOA: 07272017}



{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

{Optional marketing statements for industrial applications only: one or more statements may be combined.}

[[A MICROBIOCIDAL] [BACTERICIDE], [FUNGICIDE], [ALGAECIDE] [AND] [SLIMICIDE] [FOR TREATING] [INDUSTRIAL RECIRCULATING COOLING WATER] [AND] [ONCE-THROUGH COOLING WATER] [SYSTEMS], [AIR CONDITIONER CONDENSATE], [DECORATIVE WATER FOUNTAINS], [REFLECTING PONDS], [AND] [PULP AND PAPER MILL WATER SYSTEMS for bacterial slime (only)]]].

{Optional marketing statements for swimming pool/spa/hot tub applications only: one or more statements may be combined.}

[BACTERICIDE] [ALGAECIDE] [DISINFECTANT]
[NO CHLORINE ODOR]
[FOR [POOLS] AND [SPAS & HOT TUBS]]
[[DISINFECTANT] FOR [POOLS] [AND] [SPAS]]
[[DISINFECTANT] FOR [POOLS], [SPAS], [AND] [HOT TUBS]]
[BROMINATING GRANULES [FOR] [POOLS] [AND] [SPAS]]
[BROMINATING GRANULES [FOR] [POOLS], [SPAS], [AND] [HOT TUBS]]
[CONTROLS ALGAE]
[ELIMINATES CHLORINE ODOR]
[KILLS BACTERIA]
[[SPA] [AND] [HOT TUBS]]
[FOR [INDOOR] [POOLS] [AND] [SPAS]]
[FOR [POOLS], [SPAS], [AND] [HOT TUBS]]
[[DISINFECT[S]] [POOLS], [SPAS], [AND] [HOT TUBS]]
[[DISINFECTANT] [FOR] [POOLS], [SPAS], [AND] [HOT TUBS]]
[[DISINFECTANT] [DISINFECTING] GRANULES]
[[DISINFECTANT] [DISINFECTING] GRANULES FOR [POOLS] [AND] [SPAS]]
[[DISINFECTANT] [DISINFECTING] GRANULES FOR [POOLS], [SPAS], [AND] [HOT TUBS]]
[[QUALITY] [AND] [PERFORMANCE] GUARANTEED]
[STABLIZE[S]] [STABILIZED]
[SANITIZE[S]]
[[SANITIZER[S]] FOR [POOLS], [SPAS], [AND] [HOT TUBS]]
[[SANITIZER] [SANITIZING] [GRANULES] FOR [POOLS], [SPAS], [AND] [HOT TUBS]]
[HALOGENE GRANULES FOR [POOLS], [SPAS], [AND] [HOT TUBS]]
[CLEAN & SIMPLE WATER CARE]
[HOT TUB WATER CARE SYSTEM]

ACTIVE INGREDIENT:

Bromochloro-5,5-dimethylhydantoin 98%

OTHER INGREDIENTS:..... 2%

TOTAL:..... 100%

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 a 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.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p> <p style="text-align: center;">YOU MAY ALSO CONTACT [Telephone No.] FOR EMERGENCY MEDICAL TREATMENT INFORMATION.</p>	
<p>NOTE TO PHYSICIAN</p> <p>Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Do not get in eyes, on skin or on clothing.

Do not breathe dust or spray mist. Wear goggles with side shields, face shield or safety glasses; protective clothing and chemical resistant gloves when handling this product. Wear a dust mist mask or pesticide respirator approved by the Mine Safety and Health Administration and National Institute for Occupational Safety and Health. Irritating to nose and throat. Harmful if swallowed or absorbed through skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

GENERAL PRECAUTIONS AND RESTRICTIONS

Do not use ammonium phosphate extinguisher near water and this product. Hazardous reactions may occur. USE WITH ADEQUATE VENTILATION. Do not smoke, drink, or eat when handling. Do not ship with foods, feeds, drugs, or clothing. Keep container tightly closed when not in use.

ENVIRONMENTAL HAZARDS

{For containers having capacity of less than 50 lbs.}

[This product is toxic to fish and aquatic organisms.]

{For containers having capacity of greater than or equal to 50 lbs.}

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

PHYSICAL OR CHEMICAL HAZARDS

STRONG OXIDIZING AGENT. Do not mix with other chemicals. 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. Read the entire label and use strictly in accordance with precautionary statements and directions.

[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 gal. 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 gal. 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. 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 gal. 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 gal. 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 lbs. (or 12 to 120 ppm) of this product to 1,000 gal. of water in the system. When biological control is evident: add 0.098 to 0.74 lbs. (or 12 to 90 ppm) of this product to 1,000 gal. 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 lbs.) 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.]

[[DECORATIVE WATER FOUNTAINS][/]][REFLECTING PONDS]

This product, when used as directed, is effective as a water feature sanitizer and disinfectant.

Ensure all equipment is working properly. Backwash the filter system following manufacturer's directions. Adjust pH to between 7.2 – 7.6. When using other products as outlined in directions for this product, always follow directions on those products.

A bromine or chlorine residual of 1 – 2 ppm must first be established in the water. If the residual is established with this product in a brominator, use the brominator at the highest feed rate following manufacturer's recommendations. When the bromine residual reaches 1 – 2 ppm, adjust the feeder accordingly. To maintain bromine residual, adjust the brominator feed rate to assure a constant treatment level of 1 – 3 ppm. Regular use of a test kit is necessary to maintain a bromine residual in the water.]

{FOR SWIMMING POOLS OR SPA/HOT TUBS ONLY.}

[Keep pH between 7.2 and 7.6 and never allow it to fall below 7.0. The treatment necessary for your [pool] [or] [spa] will change considerably depending upon those factors that burden the disinfection system. Some of the factors that will vary the required treatment are water temperature, bather load, exposure to windblown debris, thunder, rain storms, and length of filtration cycle. Users must wear chemical-resistant gloves while placing this product in [swimming pools] [spas] [swimming pools/spas].]

[SWIMMING POOLS

In newly filled pools, shock the pool if necessary. Follow directions for use on this label to establish an effective active bromine residual of between 2 and 3 ppm. Test water frequently using a reliable bromine test kit. Adjust the flow rate through the brominator if necessary, to maintain the active bromine residual. The following treatments are provided as general recommendations. Automatic and floating brominators have use instructions peculiar to their design. Frequently a brominator must be filled to capacity every week – while the adjustments allow the user to erode only the total amount of this product necessary for proper sanitization. As suggested below, the slow dissolving nature of the chemical combined with the design features of the brominator requires that a greater amount of chemical be exposed to the water.]

{For SWIMMING POOLS only.}

[RESIDENTIAL

Add 13.6 oz. of this product per 10,000 gallons every 5-7 days or as needed to maintain a bromine residual of 2-3 ppm at all times. Apply a weekly treatment through the use of a floating feeder or an automatic brominator which will allow you to adjust the amount of bromine entering the water.]

[COMMERCIAL

Add 24.8 oz. of this product per 10,000 gallons every 5-7 days or as needed to maintain an active bromine residual of between 3 and 5 ppm at all times.]

[[SPAS] [&] [HOT TUBS]

Before initially using this product in your spa or hot tub you will need to add ½ oz. of sodium bromide for each 100 gallons of water. The same treatment must be followed each time you drain and refill your spa or hot tub with fresh water. Introduce 2.4 oz. of this product per 300 gallons of spa water with the use of a floating feeder or automatic brominator installed on the spa equipment. Adjust feeder or brominator to obtain an active bromine residual of at least 2 ppm. Maintain spa by adding 2.4 oz. of this product per 300 gallons every 5-7 days or as needed to maintain an active bromine residual of 2 ppm at all times. Spa water has a tendency to foam and cloud; this is directly proportional to the amount of spa use. Cloudiness is due to the accumulation of body fats, oils, and contaminants too small for the filtration equipment to remove, and is linked to rapid escalation of total dissolved solids in the water. To a great extent, defoamers, clarifiers, as well as shock treatments, demineralizers, or sequestering agents can be used to clear the water. When water clarification cannot be achieved, drain, clean, and refill the spa.]

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

{For WATER SOLUBLE BAGS:}

[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.]

{For everything except WATER SOLUBLE BAGS:}

[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

{For SUPERSACK:}

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

{For 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.]

{For 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 BAGS:}

[Nonrefillable container: Do not reuse or refill this container. When all water soluble bags are used, the outer container must 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 goggles with side-shields, or face shield; protective clothing, including 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 container contents are contaminated or decomposing, do not reseal container. Isolate unsealed container 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.

[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 consistent with applicable law, neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, expressed 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.]

Produced for:

ICL-IP America, Inc.
11636 Huntington Road
Gallipolis Ferry, WV 25515
{for DOMESTIC labels only:}[Tel: 1-(877) 661-4272]
{for INTERNATIONAL labels only:}[Tel: 1-(314) 983-7884]

EPA Reg. No. 8622-29
EPA Est. No. _____
[Material][Label] No. _____
NET CONTENTS: _____ [lbs.][kg.]
[Batch][Lot] No. _____

{Optional:} [NSF/ANSI Standard 60 logo. Refer to master for options.]

**[Master Logos]
[NSF/ANSI Standard 60 Logos]**



Certified to
NSF/ANSI 60



Certified to
NSF/ANSI 60