

8622-49

11-13-2009

1/8



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION, PESTICID
AND TOXIC SUBSTANCE

November 13, 2009

George Katsigras
ICL-IP America Inc.
95 MacCorkle Ave., S.W.
South Charleston, W. V. 25303

Subject: Bromide Plus
EPA Registration Number 8622-49
Application Date: October 19, 2009

Dear Mr. Katsigras:

This acknowledges receipt of your Notification submitted in accordance with the provisions of PR Notice 98-10 under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)9.

Proposed Notification

- Revisions to Storage and Disposal Statement in accordance with PR Notice 2007-4.

General Comments

Based on a review of the material submitted, the notification is acceptable. Please submit a finished label with the revised language to this Office for our files.

Should you have any questions or comments concerning this letter, please contact Tom Luminello at (703) 308-8075.

Sincerely,

for Tom Luminello

Emily H. Mitchell
Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)



United States
Environmental Protection Agency
Washington, DC 20460

Registration
Amendment
 Other

OPP Identifier Number
292317

Application for Pesticide - Section I

1. Company/Product Number 8622-49		2. EPA Product Manager E. Mitchell		3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted	
4. Company/Product (Name) Bromide Plus		PM# 32			
5. Name and Address of Applicant (Include ZIP Code) ICL-IP America Inc. 95 MacCorkle Avenue S.W. South Charleston, WV 25311 <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 to change the Pesticide Container Disposal language per PR Notice 2007-4.
See attached page for certification.
Fee determination: Fee Category - Not Applicable
george.katsigras@icl-ip.com

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 type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input 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 George Katsigras		Title Regulatory Affairs Specialist	Telephone No? (Include Area Code) 304.720.3924
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 or both under applicable law.			6. Date Application Received (Stamped) _____ _____ _____ _____
2. Signature 		3. Title Regulatory Affairs Specialist	
4. Typed Name George Katsigras		5. Date 19-Oct-2009	



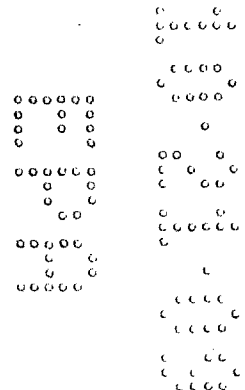
October 19, 2009

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.





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

October 19, 2009

Attention: Mr. Tom Luminello / PM 32
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
Bromide Plus, EPA Reg. No. 8622-49**

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.

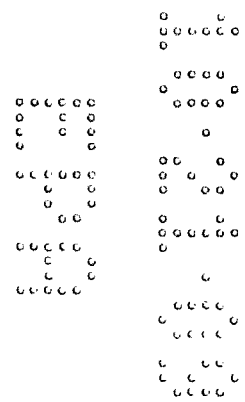
Enclosed are:

- 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 george.katsigras@icl-ip.com.

Sincerely yours,

George Katsigras
Regulatory Affairs Specialist



Caring for your future today





United States
Environmental Protection Agency
 Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

292317

Application for Pesticide - Section I

1. Company/Product Number 8622-49	2. EPA Product Manager E. Mitchell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Bromide Plus	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) ICL-IP America Inc. 95 MacCorkle Avenue S.W. South Charleston, WV 25311 <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 to change the Pesticide Container Disposal language per PR Notice 2007-4.
 See attached page for certification.
 Fee determination: Fee Category - Not Applicable
 george.katsigras@icl-ip.com

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 type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input 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 George Katsigras	Title Regulatory Affairs Specialist	Telephone No. (Include Area Code) 304.720.3924	
<p align="center">Certification</p> <p>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.</p>			6. Date Application Received (Stamped) _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
2. Signature 		3. Title Regulatory Affairs Specialist	
4. Typed Name George Katsigras		5. Date 19-Oct-2009	

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

Avoid contact with strong oxidizers (except when in use), acids, alkaline, and heavy metal salts.

STORAGE AND DISPOSAL

STORAGE

Store in a cool, well-ventilated area, in well-closed original containers.

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 in accordance with label instructions, contact your Regional Office of the EPA for guidance.

{Text for non-refillable containers.}

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.

{For containers of 5 gallons or less.} [Triple rinse as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or 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 containers with capacities greater than 5 gallons.} [Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. 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. Empty rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.]

{Text for refillable containers.}

CONTAINER HANDLING: Refillable container. Refill this container with sodium bromide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

CHANGE PER PR-NOTICE 2007-4

DIRECTIONS FOR USE

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

BROMIDE PLUS is to be used in conjunction with an oxidant such as sodium hypochlorite (12.5%), chlorine gas (99.9%), trichloro-s-triazinetrione (99.0%), sodium dichloro-s-triazinetrione (99.0%), or sodium dichloro-s-triazinetrione dihydrate (99.0%) to produce hypobromous acid. BROMIDE PLUS may be added at the system inlet water or metered into the existing sodium hypochlorite piping to form a solution of sodium hypobromite. BROMIDE PLUS can be added whenever chlorination is applied, for all uses. Consult your feeder manufacturer for correct procedure and proper use of feeder equipment.

INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS

Use effectively at dosages recommended to achieve exposures to 0.5 - 5.0 parts per million (ppm) of "active" residual bromine, or as needed to maintain control of algal, bacterial and fungal slimes and controls the settlement and growth of mollusks such as the Zebra mussel (*Dreissena*) or the Asiatic clam (*Corbicula*) in commercial and industrial cooling towers, heat exchange water towers, industrial water scrubbing systems, and influent systems such as flow-through filters, lagoons, etc.

Dosage Rates

Initial Dose: When noticeably fouled, add sufficient BROMIDE PLUS and oxidant to achieve the "active" residual bromine level (0.5 - 5.0 ppm), measured about 5 minutes after treatment. A 0.5 - 2.0 mole ratio of sodium bromide to oxidant is recommended. Typically, the recommended mole ratio may be achieved by using 1.5 - 6.0 pounds of chlorine gas (99.9%), 1.3 - 5.2 gallons NaOCl (12.5%), 1.7 - 6.7 pounds of trichloro-s-triazinetrione

(99.0%), 2.4 - 9.5 pounds of Chlorine dichloro-s-triazinetrione (99.0%), or 2.4 - 10.7 pounds of sodium dichloro-s-triazinetrione dihydrate (99.0%) for each gallon of BROMIDE PLUS.

Subsequent Dose: When microbial control is evident, add sufficient BROMIDE PLUS and oxidant to maintain the "active" residual bromine level (0.5 - 5.0 ppm), measured about 5 minutes after treatment. Continue as in initial dose.

ONCE-THROUGH INDUSTRIAL COOLING WATER SYSTEMS

Used for the control of algal, bacterial, and fungal slimes and controls the settlement and growth of mollusks such as the Zebra mussel (*Dreissena*) or the Asiatic clam (*Corbicula*) in once-through and closed-cycle fresh and seawater cooling systems. Apply BROMIDE PLUS and oxidant to the system inlet water or before any other contaminated area in the system.

Dosage Rates (Initial and Subsequent)

Same as for Industrial Recirculating Cooling Water Systems.

PULP AND PAPER MILLS

Used for the control of algal, bacterial, and fungal slimes, in pulp and paper mill fresh and seawater influent systems, cooling water systems, wastewater treatment systems, nonpotable water systems and other process water. Apply BROMIDE PLUS with oxidant as directed.

Dosage Rates (Initial and Subsequent)

Same as for Industrial Recirculating Cooling Water Systems.

WASTEWATER

BROMIDE PLUS, when used as directed, will disinfect wastewater effectively. The amount of sodium bromide required is determined by the degree of fouling. BROMIDE PLUS can be added to one or several locations of the wastewater system. If its construction permits, it is often added at the influent of the final clarifier or at the point in the system where a secondary treatment is given, prior to effluent discharge.

BROMIDE PLUS and an oxidant should be added in quantities sufficient to reach residual bromine levels of 0.3 - 1.0 ppm measured about 5 minutes after treatment. A 0.08 - 2.0 mole ratio is recommended. Typically, the recommended mole ratio may be achieved by using 0.2 - 6.0 pounds of chlorine gas (99.9%), 0.2 - 5.2 gallons of NaOCl (12.5%), 0.3 - 6.7 pounds of trichloro-s-triazinetrione (99.0%), 0.4 - 9.5 pounds of sodium dichloro-s-triazinetrione (99.0%), or 0.4 - 10.7 pounds of sodium dichloro-s-triazinetrione dihydrate (99.0%) for each gallon of BROMIDE PLUS. The treatment with BROMIDE PLUS can be evaluated by determining whether the total number of coliform bacteria and/or fecal coliform bacteria (using the MPN procedure) has been reduced to a level permitted by governing regulations.

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.

EPA Reg. No. 8622-49
EPA Est. No. _____

NET CONTENTS: _____ **LBS.**

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

