

56261-5

3-17-2008

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

Technology Science Group Inc.  
c/o Heather Bjornson  
1150 18<sup>th</sup> Street, NW Suit 100  
Washington, DC 20036

MAR 17 2008

Subject: Product Name: MCH Bubble Cap  
EPA Reg. No: 56261-5  
Application for label Notification dated February 19, 2008 to add alternant brand names: Douglas-Fir and Spruce Beetle Repellent, Douglas-Fir and Spruce Beetle Repellent MCH Bubble Cap. Correct typographical errors, Remove redundant wording, Add name and address of marketing partner and optional marketing claims

Dear Ms. Bjornson:

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under 98-10 dated above. A preliminary screen of this request has been conducted for its applicability under PRN 98-10 and it has been determined that the action(s) requested falls within the scope of PRN 98-10. Our records have been duly noted, and the label submitted with this application has been stamped "Notification, received and reviewed" and will be placed accordingly in our records.

Questions concerning this action should be directed to Mr. Raderrio Wilkins at (703) 308-1259 or email at [wilkins.raderrio@epa.gov](mailto:wilkins.raderrio@epa.gov).

Sincerely,

*Linda Hollis*

Linda Hollis, Chief  
Biochemical Pesticides Branch  
Biopesticides and Pollution Prevention Division



United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 56261-5	2. EPA Product Manager Linda Hollis	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) MCH Bubble Cap	PM# 91/Biochemical Pesticides Br/BPPD	
5. Name and Address of Applicant (Include ZIP Code) Pherotech International Inc. 7572 Progress Way Delta, B.C. V4G 1E9 Canada <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 per PR Notice 98-10: Please see the cover letter for additional information regarding this notification.

This notification 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 of 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:

Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input checked="" 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 checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container	5. Location of Label Directions <input checked="" type="checkbox"/> on container label
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued 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 Heather R. Bjornson, Technology Sciences Group, Inc.	Title Regulatory Consultant	Telephone No. (Include Area Code) (202) 828-8945
<b>Certification</b> 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.		8. Date Application Received (Stamped)
2. Signature <i>Heather R. Bjornson</i>	3. Title Regulatory Consultant to Pherotech International Inc.	
4. Typed Name Heather R. Bjornson	5. Date February 19, 2008	

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**WASHINGTON**

1150 18th Street, N.W.  
Suite 1000  
Washington, D.C. 20036  
Telephone 202 223-4392  
Fax 202 872-0745

February 19, 2008

Linda Hollis  
Chief, Biochemical Pesticide Branch  
Biopesticides and Pollution Prevention Division (7511P)  
Office of Pesticide Programs, EPA  
One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202

**RE: MCH Bubble Cap (EPA Reg. No. 56261-5)**

**Notification per PR Notice 98-10**

**SACRAMENTO**

712 Fifth Street  
Suite A  
Davis, CA 95616  
Telephone 530 757-1298  
Fax 530 757-1299

Dear Ms. Hollis:

Technology Sciences Group Inc. hereby submits, on behalf of Pherotech International Inc., the enclosed notification to:

- Add two alternate brand names,
- Add the name and address of a marketing partner,
- Add a referral statement for the individual bags packaging,
- Correct typographical errors,
- Remove redundant statements, and
- Add marketing labels consistent with EPA approval.

You will find the following in this submission:

- 1) Amendment application form;
- 2) One redline version of the revised label, and
- 3) One clean copy of the label.

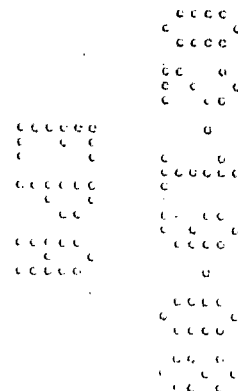
**CANADA**

275 Slater Street  
Suite 900  
Ottawa, Ontario  
K1P 5H9  
Telephone 613 247-6285  
Fax 613 236-3754

If you have any questions or comments, please do not hesitate to let me know.

Sincerely,

Heather R. Bjornson  
Regulatory Consultant for Pherotech International Inc.  
Direct dial (202) 828-8945; email: [hbjornson@tsgusa.com](mailto:hbjornson@tsgusa.com)



E-mail [tsg@tsgusa.com](mailto:tsg@tsgusa.com)

<http://www.tsgusa.com>

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# MCH Bubble Cap

[Alternate Brand Names: Douglas-Fir and Spruce Beetle Repellent, Douglas-Fir and Spruce Beetle Repellent MCH Bubble Cap]

## ACTIVE INGREDIENT:

3-methyl-2-cyclohexen-1-one\* ..... 97.9%

OTHER INGREDIENTS: ..... 2.1%

TOTAL: ..... 100.0%

\*Each dispenser contains 392 mg of MCH.

NOTIFICATION  
Date Reviewed: 3/10/08  
Reviewed By: [Signature]

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

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 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 a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</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 treatment advice.</li></ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	

EPA Reg. No.: 56261-5

EPA Establishment No.: XXXXX-XX-XX

**Manufactured by:** Pherotech International Inc.  
7572 Progress Way  
Delta, B.C. V4G 1E9 Canada  
(604) 940-9944

Shirley A. Shockey-Hogg  
Suite 4100, 1420 5<sup>th</sup> Avenue  
Seattle, WA 98101-2338 USA  
(206) 223-7077

**Marketed by:**  
Contech Electronics Inc.

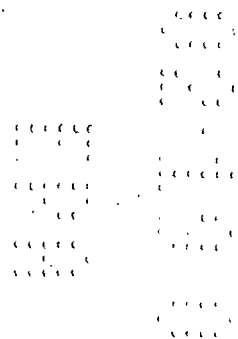
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6582 Bryn Rd.  
Victoria, BC V8M 1X6  
Canada  
1-800-767-8658  
Outside Canada/US please call 001-250-652-0755  
Email: [info@contech-inc.com](mailto:info@contech-inc.com)  
Website: [www.contech-inc.com](http://www.contech-inc.com)

**Net Contents:** \_\_\_\_\_  
**Batch/Lot Number:** \_\_\_\_\_

**Made in Canada**

*[Text to be placed on individual bags holding 1 MCH Bubble Cap: **See (outer) box for complete instructions***



## PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS – CAUTION:** Harmful if swallowed, absorbed through skin, or inhaled. Causes moderate eye and skin irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor. Avoid contact with contents of bubble cap. Do not puncture bubble cap. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS:** For terrestrial uses: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark, except under forest canopy. Do not contaminate water when disposing of equipment washwaters or rinsate.

## DIRECTIONS FOR USE

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

Prior to use, open storage bag in a well ventilated area and allow any accumulated vapors to vent.

## APPLICATION DIRECTIONS

**Host Tree Stands:** Standing and fallen Douglas-fir and Spruce trees and stumps, and stands containing significant numbers of Douglas-fir or Spruce trees. Use on trees in forests; municipal and shade tree areas; recreational areas such as campgrounds, golf courses, parks and parkways; ornamental and shade tree plantings; suburban areas; and rights of way and other easements.

**Pests:** MCH is an antiaggregation pheromone for (Pine) Bark beetles such as the Douglas-Fir Beetle (*Dendroctonus pseudotsugae*) and the Spruce Beetle (*Dendroctonus rufipennis*). MCH Bubble Caps deter mass attack in tree stands and protect susceptible trees.

**Application Rate:** Placement on trees:

Place bubble caps on trees over 8 inches in diameter on the north face of the tree at 6 to 12 feet in height with the bubble facing the tree surface and the flat side facing outwards. Staple at the top and do not puncture the centre of the bubble cap.

Individual trees:

Place 1 or 2 bubble caps on each tree, the number depending on risk of attack. For large trees, add 1 more bubble cap for each additional 8 inches in diameter 3 feet above the previous bubble cap (e.g., a 16 inch diameter tree will have at least 2 bubble caps with 1 or 2 placed at 6 to 12 feet height and an additional 1 at 12 to 14 feet height).

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Treed areas less than 2.5 acres:

Place 1 or 2 bubble caps on all trees over 8 inches in diameter, the number of bubble caps depending on risk of attack.

Forested stands over 2.5 acres:

Minimum dose – 40 bubble caps/acre (100 bubble caps/hectare). For low to moderate beetle pressure, place 1 bubble cap/tree in a grid pattern with 32 foot centers.

Maximum dose – 80 bubble caps/acre. For high to extreme beetle pressure, place 1 bubble cap/tree in a grid pattern with 23 foot centers.

For best results, remove and destroy all beetle-infested trees on property before application.

Stumps and windthrown trees:

Each stump or tree must be treated to prevent population build-up because stumps and windthrown trees are preferred hosts. Place 1 bubble cap on the north face of each stump. Place up to 6 bubble caps, depending on tree size, at 6 to 10 foot spacing on the shady side of the log.

Extensive windthrow:

For large areas of windthrow (over 2.5 acres) where treating every tree is not feasible, place bubble caps in a grid pattern using the maximum dose of 80 bubble caps/acre on 23 foot centers.

**Timing:** Place in the field at least 2 weeks prior to the expected attack flight of the pest. The expected lifespan of each MCH bubble cap is 50 – 60 days, weather dependent. Use a second treatment as needed.

Treatment is usually site-specific, depending on such factors as proximity, size and rate of growth of a natural infestation or other source of beetles (e.g., a sawmill), stand age and composition, aspect, elevation, latitude, climate, local weather and integration with other control tactics. Inexperienced users are advised to seek guidance from a professional forest entomologist.

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in sealed storage bag in a cold, dry place. Store below 32°F (0°C) or as cold as possible.

**Pesticide Disposal:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Do not reuse empty bags. Place empty bag in trash.

**Warranty Statement**

Pherotech International Inc. certifies that this product meets and conforms to the description on this label. No other warranty expressed or implied is made. Pherotech International Inc. will not be held liable for incidental, consequential or special damages resulting from the handling, storage or use of this product not in strict accordance with the direction given herewith.

**Optional Label Claims:**

- Protect your (valuable) trees
- Pheromone Protectant
- (Pherotech) Pheromone Technology
- Antiaggregation pheromone for bark beetles
- For use on individual trees or stands less than 2.5 acres
- Use at least 2 weeks (prior to) (in advance of) expected attack

