

56261-5

1-29-2008

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Biopesticides and Pollution Prevention Division  
(7511P)  
1200 Pennsylvania Avenue NW  
Washington, DC 20460

EPA Reg. Number:

56261-5

Date of Issuance:

1-29-08

Unconditional

Term of Issuance:

Name of Pesticide Product:

MCH Bubble Cap

**NOTICE OF PESTICIDE:**

☒ Registration  
☐ Reregistration  
(under FIFRA, as amended)

Name and Address of Registrant (Include ZIP Code):

Phero Tech, Inc.  
7572 Progress Way; Delta, B.C. V4G 1E9 Canada  
designated U.S. Representative  
Ms. Amy Plato Roberts  
Technology Sciences Group, Inc.  
1150 18<sup>th</sup> Street, N.W., Suite 1000  
Washington, D.C. 20036

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA Sec. 3(c)(5) provided you:

1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA section 3(c)(5) and section 4 when the Agency requires all registrants of similar products to submit such data.
2. Revise the EPA Registration Number to read, "EPA Reg. No. 56261-5."
3. Submit three (3) copies of the revised final printed labeling before you release the product for shipment.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

*W. Michael McDavit*

Date:

1-29-08

Michael McDavit, Associate Director,  
Biopesticides and Pollution Prevention Division

CONCURRENCE

SYMBOL	7511P	7511P	7511P						
SURNAME	Bayne	Bayne	Bayne						
DATE	1-18-08	1/23/08	1-25-08						

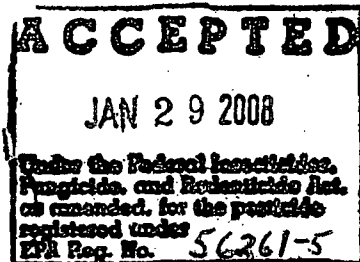
# MCH Bubble Cap

**ACTIVE INGREDIENT:**

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

**OTHER INGREDIENTS:** ..... 2.1%**TOTAL:** ..... 100.0%

\*Each dispenser contains 392 mg of MCH.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

FIRST AID	
<b>If in eyes</b>	<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>
<b>If on skin or clothing</b>	<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>
<b>If swallowed</b>	<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>
<b>If inhaled</b>	<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.:** (pending as File Symbol 56261-L)**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

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

## 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 and wash 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.

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### 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-the-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 see 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. certified 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.