

82803-1

11-1-2006

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg. Number: 82803-1

Date of Issuance: NOV - 1 2006

Term of Issuance: Conditional

Name of Pesticide Product: Lastcall Eucosmak

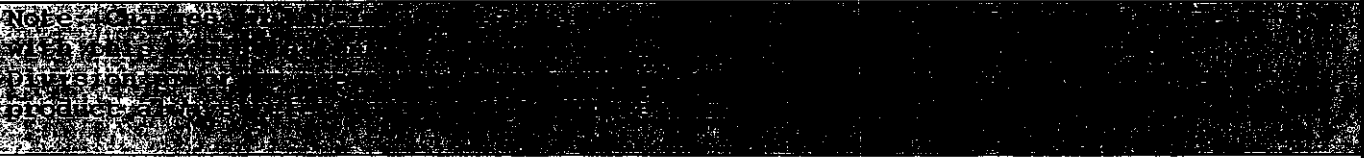
NOTICE OF PESTICIDE:

X Registration
Reregistration

(Under FIFRA as amended)

Name and Address of Registrant (include ZIP Code):

Forests Alive, Inc.
P.O. 417
Marylhurst, OR 97036



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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A), provided that:

- 1. You will submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. You will make the following label changes before you release the product for shipment:
a. Revise the EPA Registration Number to read "EPA Registration Number 82803-1."

Signature of Approving Official:

Date:

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3. Please submit three (3) copies of your final printed labeling before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Linda A. DeLuise of my team at (703) 305-5428.

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LAST CALL™ EucosmAK

An easy to use attracticide product for control of the forest lepidopteran pests
Western Pine Shoot Borer [*Eucosma sonomana*], Eastern Pine Shoot Borer [*E. gloriola*]
and the Lodgepole Pine Cone Borer [*E. recissoriana*].

ACTIVE INGREDIENTS

Permethrin [CAS 52645-53-1]	6.00%
9-Dodecen-1-yl acetate	0.16%

OTHER INGREDIENTS	93.84%
TOTAL	100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for precautionary statements
Read all directions before using this product

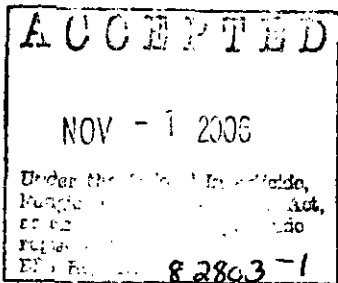
Forests Alive, Inc.
P.O. Box 417
Marylhurst, Oregon 97036

EPA Reg No. 82803-

EPA Est. No. 82803-OR-1

Questions ? Telephone 971-327-7129
Monday through Friday 9 am to 4 pm [PST]

NET CONTENTS: 5.28 oz [150 grams]



**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Harmful if absorbed through the skin. Causes moderate eye damage. Avoid contact with skin, eyes or clothing. Remove contaminated clothing and wash before use. Wash thoroughly with soap and water after handling.

FIRST AID

IF ON SKIN OR CLOTHING

- • Take off contaminated clothing
- • Rinse skin immediately with plenty of water for 15 - 20 minutes
- • Call poison control center or doctor for treatment advice

IF IN EYES

- • Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing the eye.
- • Call poison control center or doctor for treatment advice.

Have product container or label with you when calling a poison control center or doctor, or going for treatment.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear long sleeved shirts and long pants, shoes plus socks, and waterproof gloves. Follow the manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to bees exposed to direct treatment. This product is extremely toxic to fish and other aquatic invertebrates. Do not add directly to water, or areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

USER SAFETY RECOMMENDATIONS

Users should

- • Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- • Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- • Remove PPE immediately after handling this product. If gloves are worn, wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

STORAGE AND DISPOSAL
DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL

PESTICIDE STORAGE: Store pesticide in original container. Do not store near food or feed. Protect from temperatures below -10°C [14°F]. Avoid prolonged storage at temperatures above 35°C [95°F].

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and green houses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exemptions pertaining to the statements on the label about personal protection equipment [PPE] and restricted re-entry levels. The requirements in this box apply only to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during restricted entry interval [REI] of 12 hours.

For early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil and water, is:

- coveralls
- waterproof gloves
- shoes plus socks

1. **CROP** Ponderosa pine [*Pinus ponderosa*]; Jeffrey pine [*P. Jeffreyi*], Lodgepole pine [*P. contorta*]; Red pine [*P. resinosa*]; Eastern white pine [*P. strobus*]; Western white pine [*P. monticola*]; Scots pine [*P. sylvestris*]; Austrian pine [*P. nigra*]; Mugo pine [*P. mugo*]; Pitch pine [*P. rigida*]; Douglas fir [*Pseudotsuga menziesii*] and Engelmann spruce [*Picea engelmannii*].
2. **PEST** Western Pine Shoot Borer [*Eucosma sonomana*]; Eastern Pine Shoot Borer [*E. gloriola*] and Lodgepole Pine Cone Borer [*E. recissoriana*]

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- 3. RATE:** 600 - 1200 droplets per acre [1500 - 3000 per hectare] which equals 32 - 64 grams of product per acre [80 - 160 g/hectare]. This equates to 1.92 - 3.84 g permethrin per acre [4.8 - 9.6 g/hectare] and 0.051 - 0.102 g pheromone per acre [0.128 - 0.256 g/hectare].
- 4. APPLICATION:** [i] The product is supplied in a sealed cannister, and comes with a custom designed pump head engineered to deliver 50 microliter droplets of formulation. Firmly push the pumping head into the nozzle end of the cannister until it snaps and locks on. Turn the pumping head twice around the cannister to cut the seal. This action cuts trough the seal in the cannister nozzle, the formation is primed into the pumping head by pushing on the plunger at the bottom of the cannister. Once locked in place the cannister head cannot be removed.
[ii] One depression of the pump trigger delivers a 50 microliter droplet of formulation; for maximum biological activity maintain spherical shaped droplets. The cannister contains approximately 2,500 droplets.
[iii] Apply the droplets to the branches, needles, buds or cones on the upper half of the canopy or as high as you can reach.
- 5. TIMING:** [i] Apply immediately prior to start of pest emergence in the spring.
[ii] Droplets release pheromone for up to 40 days depending on environmental conditions.
[iii] No additional application is necessary.
- 6. PRECAUTIONS:** LAST CALL™ EucosmAK prevents shoot borers from mating by removing male moths from treated areas. However, if a major source of mated females of these species is present in areas adjacent to the treated area, migration of these moths may significantly reduce the level of control achieved. This can be counteracted by treatment of infested sources with LAST CALL™ EucosmAK [eg. a strip at least 50 yards wide adjacent to the treated area or plantation].

WARRANTY

Seller warrants that this product conforms to the chemical description and certified limits of active ingredients, and makes no other express or implied warranty including any other express or implied warranty of fitness or merchantability of any kind. Sellers maximum liability for breach of this warranty shall not exceed the purchase price of this product. In no event shall the seller be liable for indirect or consequential damages. Buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage and use of this product.