



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (H7505C)
 401 "M" St., S.W.
 Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

62331-2

21 SEP 1995

Term of Issuance:

Conditional

Name of Pesticide Product:

Earthfire Vaporizing Aerosol

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

INVICTA CORPORATION
 c/o RegWest Company
 P.O. Box 2220
 Greeley, CO 80632-2220

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. 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. Make the following label changes:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 62331-2".
 - b. Revise the Ingredients Statement for the Active Ingredient to read as follows:

ACTIVE INGREDIENT:

*Resmethrin 1.0%

Maintain the appropriate footnote, as indicated on the proposed product label.

- c. Revise the last sentence of the Disposal Statement to read: "If recycling is not available, wrap the container in several layers of newspaper and discard in trash."

Signature of Approving Official:

RPK

Date:

21 SEP 1995

- d. Revise the Precautionary Statement to read as follows:

"Harmful if swallowed or inhaled. Avoid breathing vapor. Avoid contact with skin, eyes or clothing. Wear mask or respirator of a type recommended by NIOSH (National Institute for Occupational Safety and Health) to give adequate protection against this material. Wear protective clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse."

- e. Revise the Statements of Practical Treatment to read as follows:

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respirator, preferably mouth-to-mouth. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

3. The Agency has completed its review of the submitted efficacy data. A copy of that review is enclosed for your records.
4. Submit three copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Sincerely,

RPK

Richard P. Keigwin, Jr.
Product Manager 10
Insecticide-Rodenticide Branch
Registration Division (7505C)

EARTHFIRE

VAPORIZING AEROSOL

FORMICINE INSECTICIDE WITH SYNTHRIN^R

1% THERMAL FOGGING AEROSOL

FOR USE ONLY AS A THERMAL FOGGER
FOR SUBSURFACE INJECTION

ACCEPTED
with COMMENTS
In EPA Letter Dated

21 SEP 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

62331-2

A Synthetic Pyrethroid for the Control and Eradication of
The Imported Fire Ant of the Genus *Solenopsis*

ACTIVE INGREDIENT:

*Resmethrin [5-(phenylmethyl)-3-furanyl] methyl 2,2-dimethyl-3-(2-methyl-1-propenyl) cyclopropanecarboxylate	1.0%
INERT INGREDIENTS**	99.0%
Total	100.0%

*Cis/trans isomers ratio: Max. 30% (±) cis and min. 70% (±) trans.

**Contains aliphatic hydrocarbon.

Keep Out of Reach of Children
CAUTION

See back panel for additional precautionary statements.

EPA Reg. No. 62331-E EPA Est. _____

NET WT. 16 FL. OZ.

INVICTA CORPORATION
P.O. Box 7584
Beaumont, TX 77706

DIRECTIONS FOR USE

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

FOR USE ONLY IN SUBSURFACE INJECTION AS A THERMAL FOG.

NOT FOR USE AS AN OPEN AIR FOG OR AEROSOL.

FOR OUTDOOR USE ONLY.

THERMAL APPLICATION: For the control and eradication of the Imported Fire Ant by direct injection into the mound and subsurface colony wherever found. This formulation is to be used as is in only the Earthfire Injection System, a subsurface thermal fogging injector system.

This product and the identified equipment is not to be used by private individual for personal domestic application. It is to be used only by those persons who have been trained and certified by the Invicta Corporation or their representatives.

PREPARATION

1. Screw propane into propane receptacles.
2. Screw Earthfire Vaporizing Aerosol canister into canister receptacle.
3. Fill vaporizing coils by pushing actuator. Check for leaks before igniting the chamber.
4. Ignite the vaporizing fuel by pressing ignition button on Sure Fire™ igniter. When burning press lock-on button (see manual). Wait at least three minutes for coils to reach maximum temperature. Test by pulling trigger. If ready there will be a cloud of dry, white vapor (smoke) ejected. **THIS VAPOR IS HIGHLY FLAMMABLE. NEVER FIRE A BURST UPWIND OF VAPORIZING COIL. DO NOT BREATHE THIS VAPOR. WE RECOMMEND THAT THE USER WEAR A NIOSH/MSHA APPROVED RESPIRATOR.**

INJECTION

NOTE: Due to the wide variety of soil types and soil water content, you may find that by slight adjustment of the following techniques you will produce the best results for your area.

1. Begin injection by inserting spear tip onto the mound three to five inches. Withdraw the spear point about one inch. Pull the trigger. If proper insertion has been made, the vapor will be forcefully drawn into the colony. Continue holding down the trigger until thick, white vapor comes out of the mound over its entire surface, not just the injection hole. You have now filled entire colony. If you do not get these results, repeat the procedure in different locations on the mound until it is completely filled with vapor. Hold the trigger down for about one second during each injection.
2. When you see vapor coming to the surface, you have filled this section of the mound. Move to another injection site on the mound and repeat process.

For detailed instructions, refer to your Directions For Use Manual. If you do not have one contact:
INVICTA CORPORATION, P.O. Box 7584, Beaumont, TX 77706

Storage and Disposal

Storage: Store in a cool, dry place inaccessible to children and pets away from heat or open flame. **Disposal:** This container may be recycled in the few but growing number of communities where (steel) aerosol can recycling is available. Before offering for recycling, empty the can by using the product according to the label. (**DO NOT PUNCTURE!**) If recycling is not available, wrap the container and discard in the trash.

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

CAUTION: Harmful if swallowed. Avoid breathing vapor. Avoid contact with skin, eyes or clothing. Wear mask or respirator of type recommended by NIOSH (national Institute for Occupational Safety or Health) to give adequate protection against this material. Wear protective clothing. Wash exposed skin with soap and water after handling and before eating. Wash all contaminated clothing with soap and water, separately from other clothing, before reuse.

Statement of Practical Treatment

If Swallowed: Call a physician or poison control center immediately. Do not induce vomiting. This product contains petroleum solvent which may pose an aspiration hazard. **If in Eyes:** Flush with plenty of water. Get medical attention if irritation persists. **If on Skin:** Flush with plenty of water. Get medical attention if irritation persists.

Physical or Chemical Hazards

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

Environmental Hazards

This product is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the high water mark. Do not contaminate water by cleaning of equipment or equipment washwaters.

BEST COPY AVAILABLE