

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

67066-1

DATE OF ISSUANCE JUN 1 1995

TERM OF ISSUANCE

Conditional

NAME OF PESTICIDE PRODUCT

EFFAC

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

C & C Environmental, Inc.
772 Midway Road
Ft. Pierce, FL 34892

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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/cite all data required for registration/reregistration of your product under FIFRA section 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 labeling changes listed below before you release the product for shipment:

a. Add the phrase "EPA Registration No. 67066-1."

b. Insert the correct EPA Establishment No. for this product registration on the product label.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

JUN 1 1995

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

Sincerely,



Ruth G. Douglas
Product Manager (32)
Antimicrobial Program Branch
Registration Division (7505C)

Enclosures

March 29, 1995

EFFAC™

CARBON DIOXIDE

FOR USE ON ANT HILLS FOR THE CONTROL OF FIRE ANTS
AND TERMITE HILLS FOR THE CONTROL OF TERMITES

ACTIVE INGREDIENT: CARBON DIOXIDE	99.0%
INERT INGREDIENTS:	1.0%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

EXPOSURE MAY CAUSE SUFFOCATION AND DEATH.

USE WITH ADEQUATE VENTILATION. CLOSE VALVE WHEN NOT IN USE AND WHEN EMPTY. CARBON DIOXIDE, BEING HEAVIER THAN AIR, TENDS TO ACCUMULATE NEAR THE FLOOR OF AN ENCLOSED SPACE DISPLACING THE AIR UPWARD AND CREATES AN OXYGEN-DEFICIENT ATMOSPHERE.

STATEMENT OF PRACTICAL TREATMENT

If inhaled: Get exposed person to fresh air immediately. Keep victim lying down and warm. Make sure the person can breathe freely. If breathing has stopped, give artificial mouth to mouth resuscitation and supplemental oxygen. Do not give food or objects by mouth to any unconscious person. Seek medical attention immediately.

If on skin: If exposure to Carbon Dioxide as liquid causes frostbite, flush affected area with lukewarm water. Do not use hot water. A physician should see patient promptly if cryogenic "burn" has resulted in blistering of skin surfaces or in deep tissue freezing.

NOTE TO PHYSICIAN: Symptoms of overexposure are headache, dizziness, drowsiness, shortness of breath, muscular weakness, and ringing in ears. High concentration can produce a faint acid taste and can cause paralysis of the breathing control centers of the nervous system.

NET WT. ____ LBS.

EPA REG. NO. 67066-

EPA EST. NO.

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

MANUFACTURED FOR

JUN 21 1995

C & C ENVIRONMENTAL INC.
221 OLD DIXIE HWY. #1
TEQUESTA, FLORIDA 33469

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

67066-1

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March 29, 1995

**Precautionary Statements
Hazards to Humans & Domestic Animals
DANGER**

Hazardous liquid and vapor under pressure.
Exposure may result in suffocation or death.

CO₂ is 1.5 times heavier than air.

Do not breath vapors.

Liquid can cause frostbite.

Do not get liquid on skin or in eyes.

Exposure to high levels may occur without warning or detection by the user.

All persons working with this product should be knowledgeable of the hazards of this chemical, trained in the use of required respirator equipment and detector devices, emergency procedures and use of the product.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

To be applied by or under the supervision of pest control operators or other trained personnel responsible for insect control programs.

Use Restrictions

This product may be used to control fire ants, *solenopsis saevissima*, or termites present in mounds. CO₂ acts by displacing oxygen and suffocating target insects. Care must be taken not to place the EFFAC hood so that non-target insects or other animals are covered during treatment. Likewise, the EFFAC system should be used only in well-ventilated areas to eliminate suffocation risks to applicators.

General EFFAC System Setup

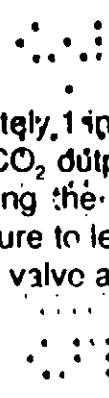
Connect the Victor SR5 Regulator to the EFFAC CO₂ cylinder. Attach the delivery hose to the regulator output and connect the quick-connector to the EFFAC see-through plexiglass hood. Hand-tighten all connectors.

Close the Victor regulator valve. Open the main CO₂ tank valve.

TREATMENT OF FIRE ANT MOUNDS AND TERMITE HILLS

Directions for using the 12" radius hemisphere:

Place the hemisphere over the ant mound or termite hill, burying the edges approximately 1 inch in the surrounding earth. Open the air release valve on the hemisphere. Ensuring CO₂ output is less than 20 psi, slowly open regulator valve to release CO₂ for 1 minute, closing the air release valve on top of the hemisphere after 30-45 seconds. Then reduce CO₂ pressure to less than 15 psi and continue adding CO₂ for 30 seconds to 1 minute. Close the regulator valve and leave the hemisphere in place for an additional 5 minutes.



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Directions for using the 24" radius hemisphere for control of large mounds or hills:

Place the hemisphere over the mound or hill, burying the edges approximately 1 inch in the surrounding earth. Open the air release valve on the top of the hood. Ensuring CO₂ output is less than 20 psi, slowly open regulator valve to release CO₂ for 8 to 9 minutes, closing the air release valve on top of the hemisphere after 4 to 6 minutes. Then reduce CO₂ pressure to less than 15 psi and continue adding CO₂ for 4 to 9 minutes. Close the regulator valve and leave the hemisphere in place for an additional 5 minutes.

Directions for using the 1' by 2' by 1' rectangular hood near driveways, houses or other structures:

Attach the CO₂ cylinder to the rectangular hood. Place the hood over the mound or hill, burying the edges approximately 1 inch in the surrounding earth. Open the air release valve on the top of the hood. Ensuring CO₂ output is less than 20 psi, add CO₂ for 1 minute, closing the air release valve after 30-45 seconds. Then reduce CO₂ pressure to less than 15 psi and continue adding CO₂ for 30 seconds to 1 minute. Close the regulator valve and leave the rectangular hood in place for an additional 5 minutes.

Instructions for Maximizing Treatment Effectiveness:

The EFFAC system is most effective when fire ants or termites are active in the mound. Use after heavy rain is not recommended. Heavy rain or other activity that may disrupt the insect tunnel system can reduce effectiveness of the EFFAC system. The EFFAC system is effective in all soil types where ants and termites are able to create mounds.

Retreatment:

If visible signs of living fire ants or termites are apparent after treatment, the procedures above may be repeated as necessary.

STORAGE AND HANDLING INSTRUCTIONS

Store in dry, cool, well-ventilated area under lock and key. Post as a pesticide storage area. Do not contaminate water, food or feed by storage.

Store cylinders upright, secured to rack or wall to prevent tipping. Cylinders should not be subjected to rough handling or mechanical shock such as dropping, bumping, dragging or sliding. Do not use rope slings, hooks, tongs or similar devices to unload cylinders. Transport cylinders using hand truck or foot truck to which cylinder can be firmly secured.

Do not remove valve protection bonnet and safety cap until immediately before use. Replace safety cap and valve protection bonnet when cylinder is not in use.

When cylinder is empty, close valve, screw safety cap onto valve outlet and replace protection bonnet before returning to shipper. Only the registrant is authorized to refill cylinder.

ACCEPTED
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in EPA Letter Dated

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