



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Biopesticides and Pollution Prevention Division (7511P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

37433-3

Date of Issuance:

10/31/2022

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Ethy-Gen II-C

Name and Address of Registrant (include ZIP Code):

CATALYTIC GENERATORS, LLC.
 1185 Pineridge Road
 Norfolk, VA 23502

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 under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her 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 the 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 section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when EPA requires all registrants of similar products to submit such data.
2. Per OCSPP guideline 880.1200, the Description of the Quality Control Procedures must be clarified. You have 18 months from the date of this registration to provide these data to EPA.

Signature of Approving Official:

Andrew Bryceland, Team Leader
 Biochemical Pesticides Branch
 Biopesticides and Pollution Prevention Division (7511M)
 Office of Pesticide Programs

Date:

10/31/2022

3. Per OCSPP guideline 830.7000, the pH must be confirmed. You have 18 months from the date of this registration to provide these data to EPA.
4. Make the following labeling change before you release this product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 37433-3."
5. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 01/28/2022

If you have any questions, please contact Sydney Hetzel by phone at (202) 566-1606 or via email at hetzel.sydney@epa.gov.

Sincerely,



Andrew Bryceland, Team Leader
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511M)
Office of Pesticide Programs

Enclosure

ACCEPTED

Oct 31, 2022

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 37433-3

ETHY-GEN® II-C

ONLY FOR USE WITH A CATALYTIC GENERATOR TO PRODUCE ETHYLENE TO ACCELERATE RIPENING OF:

Avocados, Bananas, Citrus Fruit, Kiwifruit, Mangos, Melons, Papayas, Pears, Stone Fruits (Nectarine, Peach, Plum), Tomatoes and Tobacco
AND TO SUPPRESS SPROUTING OF:
Potatoes and Onions

ACTIVE INGREDIENT

Ethanol 89.14%
OTHER INGREDIENTS 10.86%
TOTAL 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

NOT INTENDED FOR HUMAN CONSUMPTION

FIRST AID

If Swallowed:	-Call a poison control center or doctor immediately for treatment advice. -Have person sip a glass of water if able to swallow. -Do not induce vomiting unless told to do so by a poison control center or doctor. -Do not give anything by mouth to an unconscious person.
If Inhaled:	-Move person to fresh air. -If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. -Call a poison control center or doctor for further 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 the first 5 minutes, then continue rinsing eye. -Call a poison control center or doctor for treatment advice.
If on Skin or Clothing:	-Take off contaminated clothing. -Rinse skin immediately with plenty of water for 15-20 minutes. -Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information in case of emergency call: 1-800-255-3924 or +1-813-248-0585.

Mfg. By: **CATALYTIC GENERATORS, LLC.**

1185 Pineridge Road · Norfolk, VA 23502

+1-757-855-0191

Made in USA

EPA Reg. No. 37433-____

EPA Est. No. 37433-VA-1

Net Contents: 1.06 US Quart (33.8 Fluid Ounces) (1 Litre)

PHYSICAL AND CHEMICAL HAZARDS
FLAMMABLE. Keep away from heat and open flames.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals
Caution. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Handlers and users must wear:

- Long-sleeved shirt and long pants
- Shoes and socks

DIRECTIONS FOR USE

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

Not Intended For Human Consumption

Target ethylene concentrations:

Bananas, Mangos, Melons, Papayas, Tomatoes: 100-150 ppm

Avocados, Kiwifruit, Pears, Stone Fruit: 10-100 ppm

Citrus Fruit: 1-5 ppm

Use in a Catalytic Generator during the first 24 hours of the ripening / degreening process to produce ethylene in the targeted range. One bottle [1.06 quart (1 litre)] used as directed in 4,000 to 10,000 cubic feet (113 to 283 cubic meters) ripening room produces ethylene concentrations varying from 1 to 1,200 ppm over a period 12-48 hours. One-half bottle [0.53 quart (0.5 litre)] used as directed in 1,600 to 6,000 cubic feet (45 to 170 cubic meters) ripening room produces ethylene concentrations varying from 5 to 500 ppm over a period of 6-24 hours. Using commercially available ethylene measurement devices, adjust generator output to target ethylene ppm level.

Potato Sprout Suppression: 0.1-10 ppm*

Onion Sprout Suppression: 5-25 ppm

Use in a Catalytic Generator to produce ethylene in the targeted range; use commercially available ethylene measurement devices to adjust generator output to target ethylene ppm level. Use one to two bottles [1.06 to 2.12 quarts (1 to 2 litres)] every 24 hours, depending on the size of the storage facility. Apply immediately after loading storage area and continue application until batch is removed.

*Use in CA restricted to Russett Burbank potatoes only at 4 ppm.

Tobacco: Use in a Catalytic Generator immediately after filling curing system to produce ethylene in the targeted range of 100-150 ppm. Two bottles [2.12 quarts (2 litres)] used as directed in 1,500 to 2,500 cubic feet (43 to 71 cubic meters) curing system produces ethylene concentrations varying from 15 to 300 PPM over a period of 12 - 24 hours. Use additional two bottles [2.12 quarts (2 litres)] of ETHY-GEN® II-C as required.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in dry locked storage area, at temperatures below 125°F (52°C).

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: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Dispose of empty containers with non-incineration waste in compliance with any applicable State and Local regulations

USE PRECAUTIONS

Anyone using this product in any other type curing system or room size should contact us prior to use. The ripening room or curing system should be reasonably air-tight, all vents and doors closed, cracks or holes in walls and doors should be repaired or covered over. Do not use in enclosures less than 1,600 cubic feet (45 cubic meters).

IMPORTANT NOTICE

Use of any other product other than ETHY-GEN[®] II-C may damage the catalytic generator supplied by Catalytic Generators, LLC. Also, use of other products in the generator may produce harmful by-products.

Version: 28 January 2022