

70880-2

12/30/1999

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

70880-2

Date of Issuance:

DEC 30 1999

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Ecolyst

Name and Address of Registrant (Include ZIP Code):

GMJA Specialties
1001 13th Avenue East
Bradenton, FL 34208

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) (C) provided that you:

1. Submit the data listed below, conducted in accordance with the Good Laboratory Practice Standards, 40 CFR Part 160 and appropriate test guidelines as referenced in EPAs Data Requirements for Registration Regulations, 40 CFR part 158:

<u>Title of Study</u>	<u>Guideline Reference Number</u>	<u>Due Date</u>
Anaerobic Soil Metabolism	162-2	December 30, 2000
Anaerobic Aquatic Metabolism	162-3	December 30, 2000
Terrestrial Field Dissipation	164-1	June 30, 2001
Aged Leaching	163-1 (Conditionally Required)	December 30, 2001
Product Chemistry Physical/Chemical Properties	63 series	January 30, 2000

Signature of Approving Official:

Date:

DEC 30 1999

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<u>Title of Study</u>	<u>Guideline Number</u>	<u>Due Date</u>	<u>(Cont.)</u>
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Developmental Rat Neurotoxicity Study		December 30, 2000	
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2. Make the following label changes listed below before you release the product for shipment:

a. Add the phrase, "EPA Reg. No. 70880-2

3. Submit production information (pounds or gallons produced) for this product for the fiscal year in which the use on oranges is conditionally registered, in accordance with FIFRA section 29. The fiscal year begins October 1, and ends September 30. the product information will be submitted to the Agency no later than November 15 following the end of the preceding fiscal year.

This information is to be submitted to:

Registration Support Branch
Registration Division (7505C)
Environmental Protection Agency
Washington, D.C. 20460

4. Submit one (1) copy of your final printed labeling before you release 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 constitutes acceptance of these conditions.

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

Sincerely yours,

Cynthia Giles-Parker
Product Manager (22)
Fungicide Branch
Registration Division (7505C)

Enclosures

ECOLYST

ACTIVE INGREDIENT

PT807-HCl (N,N diethyl -2-(4-methylbenzyloxy) ethylamine hydrochloride)

3.3% (w/w)

INACTIVE INGREDIENTS

96.7% (w/w)

TOTAL

100.0%

Ecolyst 3.3% (w/w) liquid contains 1.0 gram active ingredient per fluid ounce.

EPA Registration No. 70880-2 EPA Est. No. 33762-1A-1

Keep Out of Reach of Children

CAUTION

First Aid

IF SWALLOWED: Call a physician of Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

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

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

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

Precautionary Statements

Hazards to Humans and Domestic Animals

Caution. Harmful if swallowed. Wash thoroughly with soap and water after handling. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Harmful if inhaled. Avoid breathing spray mist. Remove contaminated clothing and wash clothing before reuse. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

Personal Protective Equipment

Applicators and other handlers must wear: coveralls over long-sleeved shirt and long pants, chemical-resistant gloves such as barrier laminate or viton, chemical-resistant footwear, plus socks, protective eyewear, and chemical-resistant headwear. 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.

User Safety Recommendations

Users should: Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticides get inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

Groundwater Label Advisory

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Surface Water Advisory

This chemical can contaminate surface water through spray drift. Also, this chemical has properties and characteristics associated with chemicals that have a potential for runoff into surface water. The use of this chemical in poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlaying extremely shallow groundwater, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas overlaying tile drainage systems that drain to surface waters may result in surface water contamination.

Do not apply directly to water, or to 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.

STORAGE AND DISPOSAL

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

Pesticide Storage: Ecolyst should be stored in its original container at a temperature not to exceed 59° F (15°C). Refer to expiration date listed on product package.

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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or if allowed by the 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. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required 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, or water is:

- coveralls over long-sleeved shirt and long pants;
- chemical-resistant gloves such as barrier laminate or viton;
- chemical-resistant footwear, plus socks;
- protective eyewear;
- chemical-resistant headwear.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

GENERAL INFORMATION

Ecolyst contains a plant growth regulator that may, when applied to oranges during Spring bloom, advance fruit sugar (Brix) accumulation and increase fruit sugar content over the harvest season. Depending on grove conditions and grower objectives, one or more of the following benefits may be associated with these effects: earlier harvest, increased pounds-solids per box, and improved harvest resource management. Do not apply this product through any type of irrigation system.

APPLICATION INSTRUCTIONS

Use Rate and Spray Volume

Apply by ground air-blast sprayer equipment at an application rate of 6 oz. Ecolyst (1 g a.i./fl. Oz.) per 100 gallons spray solution per acre (equivalent to 16 ppm per acre), once per season. Do not apply more than one application per season. Do not exceed the recommended application rate.

Timing of Application

Apply Ecolyst to orange trees during the peak of Spring bloom (approximately 50% open flowers through the beginning of petal fall).

Use of Adjuvants

Ecolyst must be tank-mixed with either SilWet L-77® or Kinetic® organosilicone surfactant at 0.05% (v/v), which is equivalent to 6 fluid ounces of surfactant per 100 gallons.

For the tank mix, fill a clean, empty tank ¼ full with water, add the appropriate amount of Ecolyst and SilWet L-77® or Kinetic®, and then fill with water to the desired volume. Discard any unused spray material at the end of each day following local, state, and Federal law.

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Special Considerations

Use calibrated spray equipment to ensure uniform spray coverage. Apply with sufficient spray volume to ensure thorough, but not excessive, coverage of the tree canopy.

Applications of Ecolyst made under slow drying conditions (e.g., cool to warm temperatures, medium to high relative humidity, no wind) will increase absorption by the plant, thus optimizing product efficacy. Do not apply if rainfall is imminent.

Ecolyst is compatible with foliar nutrient sprays that contain soluble urea, nitrate, and chelated micro- and macro-elements.

Important

- *Apply Ecolyst only to healthy, well-maintained trees grown under good cultural practices.
- *Do not apply Ecolyst to trees under significant stress (e.g., water, insect, disease).
- *Do not make more than one application per season.
- *Observe a pre-harvest interval of 14 days.

Warranty/Liability

Seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with accompanying directions.

GMJA SPECIALTIES

1001 13th Avenue East, Bradenton, FL 34208

ACCEPTED
DEC 30 1999
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 70880-2