



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

EPA Reg. Number:

Date of Issuance:

55638-31

MAY 25 1995

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Term of Issuance:
Conditional

Name of Pesticide Product:
Cutlass® Technical
Powder Bioinsecticide

Name and Address of Registrant (include ZIP Code):

Ecogen, Inc.
2005 Cabot Blvd. West
Langhorne, PA 19047-1810

Handwritten: 140/5473101
38 141/4578112

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 of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the following label changes:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. "55638-31".
 - b. Correct the spelling of "species" in your ingredient statement.
 - c. Replace the environmental hazards statement with the following language. "Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board of Regional Office of the EPA."
 - d. Move the Keep Out of Reach of Children statement so that it is above the signal word Caution.

Signature of Approving Official:

Date:

CONCURRENCES

SYMBOL	75014	75014					
SURNAME	<i>[Signature]</i>	75014					
DATE	5/23/95	5/25/95					

2. Continued.

e. In the Statement of Practical Treatment, add "If on Skin: Wash with plenty of soap and water. Get medical attention if irritation persists." and modify the If Inhaled section to read "If Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention."

f. In the Hazards to Humans and Domestic Animals section, delete "In case of contact immediately flush eyes or skin with plenty of water. Get medical attention if irritation persist." and modify "Avoid breathing dust of spray mist." to read "Avoid breathing dust." Also, add the statement "Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse."

3. Submit or cite bioassay data/information indicating the potency of your product and how bioassay is used in quality control. As the May 22, 1990 amendment to the Bacillus thuringiensis Registration Standard states "The Agency requires the use of a bioassay for ensuring product performance."

4. Submit a primary eye irritation study on this product by November 31, 1995.

5. Submit two 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,


Janet L. Andersen
Acting Director

Biopesticides and Pollution
Prevention Division (7501W)

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

Cutlass® Technical Powder Bioinsecticide

For manufacture of bioinsecticide end-use products for application to vegetables and cole crops, herbs and spices, pasture and hay crops, fruit, nut and vine crops, field crops, commercial flowers and ornamental plants, and forest, shade tree and nursery stock

Active ingredient:

Bacillus thuringiensis subspecies *kurstaki* strain G2371

Lepidopteran active toxin.....	30.00%
Inert ingredients:	70.00%
TOTAL.....	100.00%

CAUTION

KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If Inhaled: Remove to fresh air. 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

Harmful if inhaled. Avoid breathing dust or spray mist. Harmful if swallowed. Causes eye irritation. Avoid contact with skin, eyes or clothing. In case of contact immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

EPA REG. No. 55638-
EPA EST No. 67250-IL-2
Net Contents: 125 U.S. Pounds

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwaters.

STORAGE AND DISPOSAL

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

Storage: Store in cool, dry place inaccessible to children.

Pesticide Disposal: Do not contaminate water when disposing of equipment washwaters. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum cannot be reused, dispose of in the same manner.

DIRECTIONS FOR USE

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

WARRANTY AND CONDITIONS OF SALE

Ecogen warrants that this product conforms to the description on this label and is reasonably fit for the purposes stated on this label when used in accordance with the directions on this label under normal conditions of use.

ECOGEN MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

If this product is defective, Buyer's exclusive remedy shall be the replacement of the product, or if replacement is impracticable, refund of the purchase price.

ACCEPTED
with COMMENTS
In EPA Letter Dated

MAY 25 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
55638-31

ECOGEN®

Ecogen Inc.
2005 Cabot Blvd. West, Langhorne, PA 19047
215/757-1590 • 800/220-2135

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