

PM-90

Reg # 55638-29

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

194

MAY 15 1995

David L. Olson
Ecogen Inc.
2005 Cabot Boulevard West
P.O. Box 3023
Langhorne, PA 19047-3023

Dear Mr. Olson:

Subject: Aspire Biofungicide
EPA Reg. No. 55638-29
Your Submission of March 16, 1995

On March 16, 1995 you submitted an amendment seeking Agency approval of a revised manufacturing process for the cited product. The new process involves the use of different inert ingredients and results in a larger granule, or pellet. The submission included an updated Confidential Statement of Formula for the new basic formulation, product chemistry data (MRID 435913-01) and revised labeling.

The Agency accepts the new manufacturing process. However, you must revise the Confidential Statement of Formula to indicate the upper, lower and nominal certified limits, expressed as CFU/g, of viable spores. Please consult the attached memorandum (J. Kough to D. Greenway, dated May 8, 1995) for additional information.

The revised label is acceptable, subject to the comments listed below. A stamped copy is enclosed for your records. One copy of the finished labeling must be submitted prior to releasing the product for shipment.

- 1) In the ingredients statement, align the "Total" heading with the active and inert ingredients headings, on the left margin.
- 2) Reverse the positions of the signal word "Caution" and the "Keep Out of Reach of Children" statement.

3) Under "Storage and Disposal", change the "Storage" subheading to read "Pesticide Storage".

SYMBOL	7501W						
SURNAME	D Greenway	D. Chas					
DATE	5/15/95	5 May 95					

134

254

Should you have questions or concerns regarding this letter, please contact me, or call Denise Greenway on (703) 308-8263.

Sincerely,

Iloa Chas

for Janet L. Andersen, Acting Director
Biopesticides and Pollution Prevention Division
7501W

Enclosures

DGreenway/CS51L6/308-8263/5-12-95/A:ASPIRE.ALT

Aspire™ biofungicide is a selective fungal antagonist for control of pathogens that cause post-harvest decay.

Active Ingredient:

Candida oleophila isolate I-182 55.0%*

Inert ingredients: 45.0%

Total 100.0%

*Contains not less than 2 x 10¹⁰ cfu/g

CAUTION

KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

If in Eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Avoid contact with eyes. In case of contact, immediately flush eyes with plenty of water. Get medical attention if irritation persists.

Wear a dust/mist filtering respirator (NIOSH/MSHA approval number prefix TC-21C).

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwaters.

Do not allow spray runoff water to enter lakes, streams, ponds, drainage ditches or wetlands.

STORAGE AND DISPOSAL

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

Storage: Store under refrigeration in a location inaccessible to children.

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: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill, or by incineration, or if allowed by 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.

Mode of Action: ASPIRE is a yeast antagonist that precludes colonization of fruit surfaces by decay pathogens. ASPIRE effectively colonizes fruit surfaces, especially wounded tissues, thereby inhibiting other microbial colonization.

ACCEPTED
with COMMENTS
In EPA Letter Dated

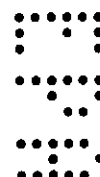
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

55638-29

EPA REG. No. 55638-29
EPA EST. No. 68756-ISR 01
Net Contents: 5 U.S. Pounds

ECODEN

Ecogen Inc.
2005 Cabot Blvd. West, P.O. Box 3023
Langhorne, PA 19047 3023
215/757-1590 or 800/220-2135



S P E C I M E N L A B E L

maintain suspension. For best results, maintain continuous agitation during the application period.

APPLICATION INSTRUCTIONS

- Apply ASPIRE to fruit by any method devised for such application in the processing line. Thorough coverage of the fruit surface is advised for best results.
- Addition of a thiabendazole or imazalil fungicide at 50-200 ppm may also help inhibit decay.
- Apply ASPIRE prior to waxing. Do not tank mix with wax coatings.
- Sodium ortho phenylphenate (SOPP) or sodium hypochlorite may be used prior to ASPIRE application provided that a water rinse occurs between these treatments.
- SOPP or sodium hypochlorite should not be co-mixed in the same tank with ASPIRE.

FOR POSTHARVEST APPLICATION TO CONTROL THE FOLLOWING DECAY-CAUSING PATHOGENS:

Penicillium spp.

Botrytis spp.

FOR USE ON THE FOLLOWING CROPS:

Citrus

Pome Fruit

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. In no case will Ecogen be liable for incidental, consequential or special damages resulting from the handling, storage or use of this product.

