

***Candida oleophila* isolate I-182 (021008) Fact Sheet**

Summary

The active ingredient is a yeast that inhibits growth of harmful fungi when applied after harvest. *Candida oleophila* isolate I-182 can be used on fruits, vegetables, other food crops, greenhouse plants, and ornamentals. No adverse effects are expected from use of this yeast because 1) it is used primarily indoors, and 2) studies show that it is not toxic or pathogenic to animals.

I. Description of the Active Ingredient

By colonizing fruit and other plant surfaces, especially wounded tissues, *Candida oleophila* isolate I-182 inhibits growth of harmful fungi

II. Use Sites, Target Pests, and Application Methods

- **Use Sites:** Various fruits, vegetables, flowers, ornamentals, other plants. It is usually used indoors, for example, in food processing plants and in greenhouses.

- **Target pests:** Molds and rots that infect plants and fruits after harvest

- **Application Methods:** Use as a spray or as a dip. A chemical fungicide is sometimes added to the yeast mixture to enhance the fungicidal effect.

III. Assessing Risks to Human Health

Based on required toxicity tests, no risks to humans are expected from use of products containing *Candida oleophila* isolate I-182. As a precaution, workers who apply the fungicide are required to wear a dust mask.

IV. Assessing Risks to the Environment

Risks to non-target organisms or the environment are not expected because the use is largely indoors, and the active ingredient does not show toxicity in animal tests. The product label warns

users not to contaminate water when cleaning the application equipment, nor to allow runoff into bodies of water.

V. Regulatory Information

Year Active Ingredient was Initially Registered (licensed for sale): 1995

Number of End-Use Products (12/00) : One

VI. Registrant Information

Ecogen, Inc.
2000 West Cabot Blvd. #170
Langhorne, PA 19047-1811

VII. Additional Contact Information

Ombudsman, Biopesticides and Pollution Prevention Division (7511P)
Office of Pesticide Programs
Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460