

25-FEB-2005

15-MAR-2007 - Allergen statement updated.

(Front Panel)

SPORODEX L BIOLOGICAL FUNGICIDE

For Control of Powdery Mildew on Greenhouse Roses and Cucumbers.

COMMERCIAL

READ THE LABEL BEFORE USING

Update

POTENTIAL SENSITIZER

Warning, contains the allergen milk.

ACTIVE INGREDIENT/GUARANTEED: *Pseudozyma flocculosa* strain PF-A22 UL 1.3%

OTHER INGREDIENTS: 98.7%

TOTAL: 100.0%

(Contains a minimum of 3×10^8 colony forming units/mL)

KEEP OUT OF REACH OF CHILDREN

CAUTION

U.S. EPA Registration No.: 69697-3

U.S. EPA Establishment: 69697-CAN-001

REGISTRATION NUMBER 27161 PEST CONTROL PRODUCTS ACT

Net Contents: 1L, 2L (32 U.S. fl oz, 64 U.S. fl oz.)

Manufactured by: Plant Products Co. Ltd.
314 Orenda Road
Brampton, Ontario L6T 1G1, Canada
905-793-7000

Distributed by: Plant Products Co. Ltd.
6160 Riverside Dr
Suite 103
Dublin, OH 43017

Lot Number: [XXX]

Date of manufacture: [XXX]
Use within 3 months of the date of manufacture

KEEP FROZEN UNTIL USE

(Back Panel)

PRECAUTIONS / PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS. May cause sensitization. Avoid contact with skin, eyes or clothing. Avoid breathing mist. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves and shoes plus socks. All mixers/loaders and applicators must wear a dust/mist-filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N-95, R-95, P-95 or HE filter for biological products. Remove contaminated clothing and follow manufacturer's instructions for cleaning / maintaining PPE before reuse. If no such instructions are available use clothing detergent and hot water for cleaning all washable PPE. 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 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

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none">• 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.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none">• 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 swallowed	<ul style="list-style-type: none">• 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 the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
Seek medical attention IMMEDIATELY if irritation occurs and persists or is severe. Have container, label or product name and product registration number with you when calling a poison control centre or doctor, or when seeking medical attention.	

TOXICOLOGICAL INFORMATION / NOTE TO PHYSICIAN

No specific antidote is available. Treat the patient symptomatically.

DIRECTIONS FOR USE

In the U.S. - It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. 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.

In Canada - NOTICE TO USER: This control product is to be use only in accordance with the directions on this label. It is an offence under the PEST CONTROL PRODUCTS ACT to use a control product under unsafe conditions.

In the U.S. -

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. 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), and restricted entry intervals (REI). The requirements in this box only 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 of 4 hours.

PPE requirement 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, waterproof gloves and shoes plus socks.

In Canada -

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours. Workers can enter treated areas during the REI if appropriate PPE is worn, including a long sleeved shirt, long pants, shoes plus socks and waterproof gloves as well as a NIOSH approved respirator with any N-95, R-95, P-95 or HE filter for biological products.

GENERAL INFORMATION

SPORODEX L is a naturally occurring fungus which is an antagonist to the powdery mildew disease organism. SPORODEX L is an aqueous liquid formulation of *Pseudozyma flocculosa* formulated to control powdery mildew disease on the listed crops.

APPLICATION RATES

CROP	DISEASE	RATE
Greenhouse roses Greenhouse cucumbers	Powdery mildew disease	<p>In U.S. and Canada: 500 mL per 100 L of water. Add 20 mL of an appropriate wetting agent per 100 L of spray mixture.</p> <p style="text-align: center;">or</p> <p>64 U.S. fl oz per 100 U.S. gallons of water. Add 3 U.S. fl oz of an appropriate wetting agent per 100 U.S. gallons of spray mixture.</p>

Add SPORODEX L to water. Spray foliage to run-off at weekly intervals, beginning when environmental conditions favor development of powdery mildew, or at first sign of disease.

Apply up to 1500 L of spray mixture per hectare (150 U.S. gallons of spray mixture per acre) for cut roses, cucumbers or about 1000 L per hectare (100 U.S. gallons per acre) for potted roses.

Maintain relative humidity above 70% for 12 hours after application, for example, by using shade curtain or by applying SPORODEX L late in the day or during prolonged cloudy conditions.

NOTE: Use of chemicals at the same time as SPORODEX L may inhibit this product's activity against powdery mildew. Do not tank mix SPORODEX L with chemical pesticides.

SPORODEX L has not been tested for compatibility with all chemical and biological products (including biological control insects and arthropods) used in greenhouse production. For details on compatibility contact the distributor or manufacturer, or test effectiveness on a small number of plants prior to commercial scale use.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store frozen at -20°C (-4°F) or less and keep away from food or feed. Keep product in original container during storage and keep container lid tightly closed when not in use. This product should be used within 3 months of the date of manufacture when stored at -20°C (-4°F). Thaw at room temperature prior to using.

In the U.S.-

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 package into application equipment. Then dispose of empty package in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. Do not reuse container.

**In Canada-
DISPOSAL**

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

In the U.S. - NOTICE TO USER: Seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than indicated on the label. User assumes all risks of use, storage, or handling not in strict accordance with label instructions.

In Canada - NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out on the label and, subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

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