

# **Total Release Fungicide**

#### Treats up to 4,500 ft<sup>2</sup>

FOR USE IN: Greenhouses (Commercial) CONTROLS: Alternaria, Botrytis, Rhizoctonia

ACTIVE INGREDIENT:	
Fludioxonil	6.5%
OTHER INGREDIENTS:	93.5%
TOTAL:	100.0%

EPA Reg. No. 499-534

EPA Est. No.

## KEEP OUT OF REACH OF CHILDREN CAUTION

See inside booklet for First Aid, Precautionary Statements, Directions for Use and Storage and Disposal.

**NET CONTENTS:** 

BASF Corporation 26 Davis Drive Research Triangle Park, NC 27709



## **FIRST AID**

## If in eyes

- Hold eyes open and rinse slowly and gently with water for 15 to 20 min.
- Remove contact lenses, if present, after the first 5 min, then continue rinsing eyes.
- Call a poison control center or doctor for treatment advice.

## **HOTLINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-832-HELP for emergency medical treatment information.

# PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

## USER SAFETY RECOMMENDATIONS

#### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove personal protective equipment (PPE) immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**PPE:** Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category C on an EPA chemical resistance category selection chart.

#### APPLICATORS AND OTHER HANDLERS MUST

**WEAR:** Baseline PPE consisting of a long-sleeved shirt, long pants and shoes plus socks.

**USER SAFETY REQUIREMENTS:** Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

## PHYSICAL OR CHEMICAL HAZARDS

**Flammable.** Contents under pressure. Keep away from heat, sparks and open flame. **DO NOT** puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. This product contains a highly flammable ingredient. It may cause a fire or explosion if not used properly. Follow the "Directions for Use" on this label very carefully.



Highly Flammable Ingredient Ingrediente Altamente Inflamable

# **DIRECTIONS FOR USE**

#### IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

Read and follow all label directions.

**USE RESTRICTION: DO NOT** use on plants intended for food use.

Control of target pests is best achieved before populations reach economically damaging levels. Use of an alternative class of chemistry in a continuing treatment program is recommended to prevent or delay pest resistance.

Contents of container must be at room temperature before use. Store containers at room temperature (above 65°F) for 24 hr before application. Place the canisters above the top of plants. Ensure that cans are placed so the spray is not obstructed by foliage or other physical objects in order to obtain maximum distribution of fog.

**NOTICE:** Good greenhouse management must overrule the use of this product when any conditions might be created by tightly closing greenhouses that would harm plant foliage or flowers. Example: Creation of high temperatures or humidity conditions. **DO NOT** use this product in greenhouses with unvented or defective gas heating systems or when open combustion exists.

## AGRICULTURAL USE REQUIREMENTS

**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 requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 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 PPE. The requirements in this box only apply to uses of this product that are covered by the WPS.

## AGRICULTURAL USE REQUIREMENTS (continued)

**DO NOT** enter or allow worker entry into treated areas during restricted entry interval (REI) of 12 hr (with no ventilation). Early entry to treated areas is permissible after 4 hr (per 40 CFR 170.112) to perform short-term activities, such as ventilation procedures, provided personal protective equipment is worn as specified below. You may ventilate the treated areas per 40 CFR 170.110(c)(3) after 4 hr (i.e. 10 air exchanges are completed; or 2 hr of ventilation using fans or other mechanical ventilating systems; or 4 hr of ventilation using vents, windows or other passive ventilation). The REI is equivalent to completion of ventilation (as described above) or 12 hr (with no ventilation) and no PPE is required after this time.

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, chemical-resistant gloves (made of any waterproof material) and shoes plus socks.

Notify workers of the application by warning them orally and by posting warning signs outside all entrances to the greenhouse.

**PREAPPLICATION DIRECTIONS:** For best results, apply during early evening when foliage is dry and temperature is between 60°F to 80°F. At lower or higher temperatures crop injury may result, so prior to a full scale application, spray a few plants and observe for plant damage and performance. Shut off all exhaust fans and close all windows, doors and vents. DO NOT place cans within 10 horizontal feet of any ignition source, such as pilot lights, other open flames, or running electrical appliances that cycle off and on. Prepare a 3 ft plant-free zone in which to place canister(s). Canister(s) should be elevated above the top of plants; common practice is to place the canister(s) on a stool or overturned pot to elevate it. Place cans evenly throughout the area to be treated, positioned to allow uninhibited release. To treat hanging baskets, an empty basket can be used to hold the canister and elevate it to the hanging basket level.

#### TOTAL RELEASE DOSAGE

#### FRAC Code: 12

Limit the use of this product to 4 applications per crop cycle.

The total release canister will dispense the entire contents of the can in about 2 min. Thorough coverage is achieved by the normal air movement within your greenhouse. The chemical will move around and throughout the plant foliage due to the small particle size fog produced and the normal ebb and flow movement of the air. Both top and bottom of the plant foliage is covered with particles. **Use one 6 oz can/4,500 ft<sup>2</sup>.** Initially, make 2 applications at 7 day intervals. With high disease pressure, 1 can/1,500 ft<sup>2</sup> may be used. Wait at least one treatment cycle where a different class of chemistry is used before using this product again.

**TO ACTIVATE CANS:** Hold the canister away from you and depress the actuator until it is locked down. Place the canister in the plant-free zone and leave the treatment area. If activating more than 1 canister in the treatment area, start at the far end of the area, opposite from the exit door, activating and placing cans as you move across the area until you have reached the exit door.

Once activation is completed, leave the treatment area and close the door. Use low-volume horizontal air flow, or have fans off for a minimum of 4 hr or all night, if possible.

## FOR USE ON:

**Bedding plants (such as):** begonias, garden mums, geraniums, marigolds and petunias

*Cut flowers (such as):* carnations, chrysanthemums, orchids and roses

*Flowering hanging baskets (such as):* fuchsia, geraniums, ivy, lantana and New Guinea impatiens

Foliage (such as): Boston fern, philodendron and schefflera

**Potted flowering plants (such as):** African violets, begonias, chrysanthemums, florist's azaleas, geraniums, hibiscus, kalanchoes, lilies and poinsettias

**Ornamentals (such as):** azalea, barberry, cotoneaster, euonymus, holly, juniper, oak, pine, rhododendron, roses, spiraea, spruce, viburnum and yew

**Perennials (such as):** heuchera, monarda, rudbeckia and veronica

**PLANT SAFETY INFORMATION:** This product has been tested on a wide variety of plants and, in our opinion, has demonstrated excellent plant safety. However, not all varieties or strains of the plants listed have been tested. Unintentional consequences, such as crop injury or ineffectiveness, may result because of certain environmental or growing conditions, manner of use or application, and insect resistance. Therefore, before treating a large number of plants, spray a few plants and observe for plant damage and for performance prior to full scale application. **DO NOT** use on *Matthida incanae* (stock) or hydrangea plants.

#### STORAGE AND DISPOSAL

**DO NOT** contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a cool, dry area away from heat or open flame.

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL: DO NOT** puncture or incinerate! Empty container by using the product in accordance with the label directions. **If empty:** Offer empty container for recycling, if available, or place in trash if allowed by state and local regulations. **If partly full:** Contact your local solid waste agency for disposal instructions.

Contains no CFCs or other ozone depleting substances.

Federal regulations prohibit CFC propellants in aerosols.



#### CONDITIONS OF SALE AND WARRANTY

Follow the Directions for Use. It is impossible to eliminate all risks inherently associated with use of this product, and therefore all such risk shall be assumed by the Buyer. BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks, referred to above. TO THE **EXTENT CONSISTENT WITH APPLICABLE LAW:** (A) BASF MAKES NO OTHER WARRANTIES **EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND BASF'S AND SELLER'S EXCLUSIVE** LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. BASF and the Seller offer this product, and the Buyer accepts it, subject to these Conditions of Sale and Warranty which may be varied only by agreement in writing signed by a duly authorized representative of BASF. PCS813

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BASF Corporation 26 Davis Drive Research Triangle Park, NC 27709



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