

2017-0892  
2017-03-06

GROUP	21	FUNGICIDE
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**SEGWAY™ 400SC FUNGICIDE**  
**COMMERCIAL**  
**SUSPENSION**

READ THE LABEL BEFORE USING

GUARANTEE: Cyazofamid 34.5 %

Contains 400 grams of Cyazofamid per litre

Contains 1,2-benzisothiazolin-3-one at 0.015% as a preservative

REGISTRATION NO: 32642 PEST CONTROL PRODUCTS ACT

Net Contents: 500 ml to 200 L

Registrant  
ISK Biosciences Corporation  
7470 Auburn Road, Suite A  
Concord, Ohio  
44077  
USA  
1-877-706-4640

Distributed By:  
Engage Agro Corporation  
1030 Gordon St.  
Guelph, ON  
N1G 4X5  
Canada  
1-866-613-3336

Segway is a trademark of Ishihara Sangyo Kaisha, Ltd.

## **PRECAUTIONS**

### **KEEP OUT OF REACH OF CHILDREN**

**DO NOT** take internally. Harmful if swallowed.

Avoid contact with eyes.

Avoid prolonged contact with skin. Wash exposed areas of skin thoroughly with soap and warm water after handling or using. Remove contaminated clothing and wash before re-use.

Avoid breathing spray mist.

During mixing, loading, applying, clean up and repair: Workers must wear a long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves. In addition, during mixing and loading, wear goggles.

Golf courses: Do not enter or allow entry until spray has dried.

Other uses (including sod farms): Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

Do not use in residential areas other than golf courses.

Apply only when the potential for drift to areas of human habitation or areas of human activity (excluding golf courses) such as houses, cottages, schools and recreational areas including parks, school grounds, and playing fields is minimal, taking into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

## **STORAGE**

Store product in original container, in a secured, dry place separate from fertilizer, food, and feed.

## **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 empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on 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.

## ENVIRONMENTAL HAZARDS

Toxic to aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

Toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland.

Toxic to small wild mammals.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application of this product when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

## DIRECTIONS FOR USE

Segway 400SC Fungicide can be used in dilute sprays. Thorough, uniform coverage is essential for disease control.

NOTE: Slowly invert container several times to assure uniform mixture.

The required amount of Segway 400SC Fungicide should be added slowly into the spray tank during filling. Keep agitator running when filling spray tank and during spray operations.

Since pathogens differ in their potential to develop resistance to fungicides, follow the directions outlined in the “Directions For Use” section of this label for specific resistance management strategies. Consult with your provincial agricultural authorities for guidance on the proper use of **Segway 400SC Fungicide** in programs that seek to minimize the occurrence of disease resistance.

Field sprayer application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium classification. Boom height must be 60 cm or less above the crop or ground.

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

**DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

## Product Specific Precautions

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at (440) 357-4651 or obtain technical advice from the distributor or your provincial agricultural representative. Application of the specific product must meet and/or conform to the following:

Crop	Diseases	Rate/100m <sup>2</sup> (product)	Instructions
Turf	Pythium blight ( <i>Pythium aphanidermatum</i> )  Pythium damping-off ( <i>Pythium</i> spp.)  Pythium root dysfunction ( <i>Pythium volutum</i> )	14.3-26.6 mL	<p><b>Application instructions:</b>            On established turf, make preventative applications on a 14-21 day schedule beginning when conditions are favorable for disease development, or when first visible disease symptoms appear. Apply in 7.5-15L water per 100 m<sup>2</sup>. Use the lower rate for the shortest interval and higher rate for the longest interval. Under severe disease conditions, use the highest rate and shortest interval.</p> <p>For newly seeded areas use 14.3 mL in 7.5-15 L water per 100 m<sup>2</sup> immediately after seeding. If disease continues to increase in severity, use the higher rate and shorter interval.  <b>DO NOT</b> apply by air.</p> <p>Use only with ground application equipment. Do not tank mix with a surfactant for use on turf. <b>DO NOT</b> apply more than 3 applications at the high rate per calendar year. <b>DO NOT</b> make sequential applications of Segway 400SC Fungicide or other fungicides in the same group. After one application, alternate Segway 400SC Fungicide with at least one application of fungicide having a different mode of action for control of pythium diseases affecting turf. Do not apply more than 80 mL/100m<sup>2</sup> per calendar year.</p>

### Buffer Zones

Use of the following spray methods or equipment **DO NOT** require a buffer zone: hand-held or backpack sprayer and spot treatment.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of application	Crop	Buffer Zones (metres) Required for the Protection of:				
		Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		Terrestrial habitat
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Turf	1	1	4	2	1

The buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pest Management Regulatory Agency website.

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

### **Integrated Pest Management**

Although **Segway 400SC Fungicide** has limited systemic activity, it should be treated as a protectant fungicide and applied before the disease enters the crop. **Segway 400SC Fungicide** is recommended for use as part of an Integrated Pest Management (IPM) program, which may include the use of disease resistant crop varieties, cultural practices, crop rotation, biological disease control agents, pest scouting and disease forecasting systems aimed at preventing economic pest damage. Practices known to reduce disease development should be followed. Consult your provincial agricultural authorities for additional IPM strategies established in your area. **Segway 400SC Fungicide** may be used in disease forecasting programs that recommend application timing based upon environmental factors that favour disease development.

### **RESISTANCE MANAGEMENT RECOMMENDATIONS**

For resistance management, please note that **Segway 400SC Fungicide** contains a Group 21 fungicide. Any fungal population may contain individuals naturally resistant to **Segway 400SC Fungicide** and other Group 21 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance:

- Where possible, rotate the use of **Segway 400SC Fungicide** or other Group 21 fungicides with different groups that control the same pathogens.
- **DO NOT** make sequential applications of **Segway 400SC Fungicide** or other fungicides in the same group. After one application, alternate **Segway 400SC Fungicide** with at least one application of fungicide having a different mode of action for control of the disease.
- Do not exceed the total number of applications of **Segway 400SC Fungicide** per season per crop as stated in the “Directions for use” section of the label.
- Use tank mixtures with fungicides from a different group that is effective on the target pathogen when such use is permitted.
- **Segway 400SC Fungicide** use should be based on an IPM program that includes scouting, historical information related to pesticide use and crop rotation and considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications.
- Monitor treated fungal populations for resistance development. Notify ISK Biosciences Corporation if reduced sensitivity of the pathogen to **Segway 400SC Fungicide** is suspected.
- If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, if available.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information and to report suspected resistance, contact Mark Gelin, ISK Biosciences Corporation, at 1-440-357-4644 Outside Canada (Long distance charges apply) or at [gelinm@iskbc.com](mailto:gelinm@iskbc.com).

### **FIRST AID**

If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

If swallowed, call a poison control centre 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 a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

If in eyes, 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 centre or doctor for treatment advice.

If inhaled, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control centre or doctor for treatment advice.

In Case of Emergency: Call 1-888-484-7546.

**Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.**

### **TOXICOLOGICAL INFORMATION**

Treat symptomatically.

### **NOTICE TO USER**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.