

[CONTAINER LABEL]

**FOR EMERGENCY USE ONLY**  
**For sale and use only in Ontario to control anthracnose**  
**caused by *Colletotrichum* spp. on field grown peppers from**  
**April 1st, 2023 – March 31st, 2024**

**GROUP M 04 FUNGICIDE**

## **CAPTAN 80 WSP FUNGICIDE**

**COMMERCIAL**

**AGRICULTURAL FUNGICIDE FOR PLANT DISEASE CONTROL**

**ACTIVE INGREDIENT: Captan 80%**

Water dispersible granule

**WARNING – CONTAINS THE ALLERGEN SULFITES**

**DANGER - CORROSIVE TO EYES**

**POTENTIAL SKIN SENSITIZER**

**READ LABEL BEFORE USING**

**KEEP OUT OF REACH OF CHILDREN**

**REGISTRATION NO. 33597 PEST CONTROL PRODUCTS ACT**

**DO NOT SELL WATER-SOLUBLE POUCHES SEPARATELY**

For emergency medical help and health/safety inquiries call ProPharma Group at  
1.877.250.9291 (24 hours a day)

For spill, leak or fire call INFOTRAC at 1.800.535.5053 (24 hours a day)

**NET CONTENTS: 250 g – 20 kg (250 g – 1 kg water-soluble pouches)**

ADAMA Agricultural Solutions Canada Ltd.

300 – 191 Lombard Avenue

Winnipeg, Manitoba

Canada R3B 0X1

1-855-264-6262

## **PRECAUTIONS**

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

CORROSIVE to the eyes. DO NOT get in eyes. MAY IRRITATE the skin. DO NOT get on skin.

Apply only when the potential for drift to areas of human habitation or areas of human activity (houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

During mixing/loading, application, clean-up and repair, wear a long-sleeved shirt, long pants, chemical-resistant gloves, shoes and socks, goggles and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH- approved canister approved for pesticides.

When applying using groundboom, use a closed cab when handling more than 57 kg ai/day. A closed cab must have both a physical barrier and respiratory protection (i.e. dust/mist filtering and/or vapour/gas purification system).

The closed cab must have a chemical-resistant barrier that totally surrounds the occupant and prevents contact with pesticides outside the cab. Respirators, goggles, and chemical-resistant gloves are not required to be worn inside the closed cab but need to be available for exiting the cab.

When applying using a mechanically-pressurized handgun, also wear coveralls over a long-sleeved shirt and long pants.

DO NOT enter or allow worker entry into treated areas during the restricted entry intervals (REIs) specified on the booklet label.

## **FIRST AID**

**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 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 INHALED:** 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 centre or doctor for further treatment advice.

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

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

## **ENVIRONMENTAL PRECAUTIONS**

Toxic to small wild mammals. Toxic to aquatic organisms. Observe spray buffer zones specified under DIRECTIONS FOR USE. 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 when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

### **STORAGE**

Store this product away from food or 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.

### **NOTICE TO USER**

This 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.

[BOOKLET LABEL]

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**caused by *Colletotrichum* spp. on field grown peppers from**  
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## **CAPTAN 80 WSP FUNGICIDE**

**COMMERCIAL**

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**ACTIVE INGREDIENT: Captan 80%**

Water dispersible granule

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**NET CONTENTS: 250 g – 20 kg (250 g – 1 kg water-soluble pouches)**

ADAMA Agricultural Solutions Canada Ltd.

300 – 191 Lombard Avenue

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1-855-264-6262

## PRODUCT INFORMATION

**CAPTAN 80 WSP FUNGICIDE** is a water dispersible granule sealed within individual water-soluble pouches. The pouches and pesticide will dissolve readily in water for use as a spray for the control of anthracnose caused by *Colletotrichum* spp. on field pepper.

## PRECAUTIONS

### KEEP OUT OF REACH OF CHILDREN.

CORROSIVE to the eyes. DO NOT get in eyes. MAY IRRITATE the skin. DO NOT get on skin.

During mixing/loading, application, clean-up and repair, wear a long-sleeved shirt, long pants, chemical-resistant gloves, shoes and socks, goggles and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH-approved canister approved for pesticides.

When applying using groundboom, use a closed cab when handling more than 57 kg ai/day. A closed cab must have both a physical barrier and respiratory protection (i.e. dust/mist filtering and/or vapour/gas purification system).

The closed cab must have a chemical-resistant barrier that totally surrounds the occupant and prevents contact with pesticides outside the cab. Respirators, goggles, and chemical-resistant gloves are not required to be worn inside the closed cab but need to be available for exiting the cab.

When applying using a mechanically-pressurized handgun, also wear coveralls over a long-sleeved shirt and long pants.

**DO NOT** enter or allow worker entry into treated areas during the restricted entry interval (REI) on the label. Employers should make every effort to schedule pesticide applications and worker tasks in order to avoid early entry of workers into treated areas. Under exceptional circumstances, certified pesticide applicators may enter treated areas for short-term tasks not involving hand labour if at least 4 hours have passed since application and a long-sleeved shirt, long pants, rubber boots, socks, goggles, chemical-resistant gloves and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH-approved canister approved for pesticides is worn. Time spent in the treated area cannot exceed 1 hour in a 24-hour period or until restricted entry interval is over.

Change contaminated clothing daily and wash thoroughly before re-use. Wash hands, face and arms thoroughly after handling **CAPTAN 80 WSP FUNGICIDE** and before drinking, eating or smoking. Shower after use or at the end of the work day. Wash clothing and gloves before re-use. Always work out of the wind during mixing and loading operations. Keep unprotected persons out of operating area or vicinity where there may be drift.

Apply only when the potential for drift to areas of human habitation or areas of human activity (houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

DO NOT enter or allow worker entry into treated areas during the restricted entry intervals REI(s) specified in the following table.

Crop	Activity	REI <sup>a</sup>
Peppers (field grown – foliar applications)	Hand set / hand line irrigation related activities involving foliage contact	10 days
	Hand harvesting, training, tying	7 days

	All other activities	12 hours
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Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

## ENVIRONMENTAL PRECAUTIONS

Toxic to small wild mammals. Toxic to aquatic organisms. Observe spray buffer zones specified under DIRECTIONS FOR USE. 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 when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

## RESISTANCE MANAGEMENT RECOMMENDATIONS:

For resistance management, please note that **CAPTAN 80 WSP FUNGICIDE** contains a Group M 04 fungicide. Any fungal population may contain individuals naturally resistant to **CAPTAN 80 WSP FUNGICIDE** and other Group M 04 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 **CAPTAN 80 WSP FUNGICIDE** or other Group M 04 fungicides with different groups that control the same pathogens.
- Use tank-mixtures with fungicides from a different group that is effective on the target pathogen when such use is permitted.
- Fungicide use should be based on an integrated disease management 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 ADAMA Agricultural Solutions Canada Ltd. if reduced sensitivity of the pathogen to **CAPTAN 80 WSP 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 ADAMA Agricultural Solutions Canada Ltd. at 1 855-264-6262.

## **DIRECTIONS FOR USE**

### **GENERAL USE PRECAUTIONS**

Observe use limitations given on the label. Regulations of Health Canada have established the amounts of agricultural chemicals that are permitted to remain on food crops at time of harvest. To avoid exceeding these residue tolerances, use only the recommended amounts and do not spray nearer to harvest than the number of days indicated for each crop, or not later than the stage indicated. Consult local agricultural authorities for additional information such as the timing and number of applications needed which will vary with local conditions.

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.

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 S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

### **Product Specific Precautions**

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

**Volume:** Apply the recommended rate in a minimum spray volume of 50.0 litres per hectare.

### **Spray buffer zones:**

A spray buffer zone is **NOT** required for:

- uses with hand-held application equipment permitted on this label,

- low-clearance hooded or shielded sprayers that prevent spray contact with crop, fruit or foliage

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of 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	Spray Buffer Zones (metres) Required for the Protection of:			
		Freshwater Habitat of Depths:		Estuarine/Marine Habitat of Depths:	
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m
Field sprayer	Peppers	3	1	10	4

When tank mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) spray 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.

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pesticides portion of the Canada.ca website.

### TANK MIXING

This product may be tank mixed with a fertilizer or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing a pest control product with another pest control product or a fertilizer can result in biological effects that could include, but are not limited to: reduced pest efficacy or increased host crop injury. The user should contact ADAMA Agricultural Solutions Canada Ltd. at 1-855-264-6262 for information before mixing any pesticide or fertilizer that is not specifically recommended on this label.

### COMPATIBILITY

Alkaline materials such as spray lime, lime-sulfur and Bordeaux mixture will reduce the fungicidal activity of **CAPTAN 80 WSP FUNGICIDE**. Do not apply **CAPTAN 80 WSP FUNGICIDE** in combination with or immediately before or closely following oil sprays. Combinations with solvent formulation of organic phosphates should not be used. The use of spreaders which cause excessive wetting is not advised. Combinations of **CAPTAN 80 WSP FUNGICIDE** and sulfur should not be used on crops sensitive to sulfur.

### MIXING INSTRUCTIONS

The enclosed pouches containing **CAPTAN 80 WSP FUNGICIDE** are **water-soluble** and will dissolve completely in water. After opening the outer bag, drop the required number of unopened inner pouches into the spray tank as directed. Reseal outer bag to protect remaining pouches. Do not excessively handle water-soluble pouches or expose to moisture since this may cause breakage. Do not allow pouches to become wet prior to mixing spray solution. Do not handle with



wet hands.

1. Fill the spray tank 1/3 to 1/2 full with clean water and begin agitation or bypass.
2. Add the required number of unopened pouches of **CAPTAN 80 WSP FUNGICIDE** directly to the spray tank.
3. Vigorous agitation is required for **CAPTAN 80 WSP FUNGICIDE** to become fully suspended. The water temperature and the degree of agitation will determine the amount of time for the pouches to dissolve. The pouches should be completely dissolved before application or adding tank-mix partners. Maintain sufficient agitation during both mixing and application.
4. If required, add the tank-mix partner.

### **APPLICATION RATES**

**PEPPERS: Anthracnose (*Colletotrichum spp.*)** - Use 2.25 - 4.25 kg per hectare in sufficient water for thorough coverage. Apply preventatively, when conditions are favourable to disease development. Apply at a minimum of a 7-day interval. Do not make more than 3 applications per year. Use 2.25 - 3.25 kg per hectare on young plants, 3.25 - 4.25 kg per hectare on mature plants. May be applied up to 2 days before harvest. May be applied by conventional ground equipment **DO NOT** use on greenhouse peppers.

### **STORAGE**

Store this product away from food or 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.
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### **NOTICE TO USER**

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PMRA Annotated & Approved, SR

[Water-Soluble Pouch Text]

**CAPTAN 80 WSP FUNGICIDE**  
KEEP OUT OF REACH OF CHILDREN  
SEE DIRECTIONS FOR USE BROCHURE FOR COMPLETE PRECAUTIONARY  
STATEMENTS

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