

02.01.18 Notification received of a change in company name. See below for new name.

13-JUL-2005 Notification received of a label change. See below for this change.

03-MAY-2001

Net contents
2 X 1 kg water soluble sachets

CAPTAN 80-WP INSTAPAK®

WETTABLE POWDER FUNGICIDE
IN WATER SOLUBLE SACHETS

COMMERCIAL

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL BEFORE USING

GUARANTEE: captan 80%

REGISTRATION NO. 22423 PEST CONTROL PRODUCTS ACT

CAUTION: Exposure to captan may produce long term health effects.
To minimize exposure, follow directions outlined on this label.

DO NOT REMOVE SACHETS FROM BAG
UNTIL NEEDED FOR APPLICATION

KEEP SACHET DRY AND DO NOT ALLOW SACHET TO CONTACT ANY
MOIST SURFACE PRIOR TO ADDING TO SPRAY TANK

DO NOT SELL WATER SOLUBLE SACHETS SEPARATELY.
KEEP WATER SOLUBLE SACHETS IN THE PROTECTIVE
CONTAINER AND STORE IN A COOL, DRY PLACE

Notification Change

Arysta LifeScience North America Inc.
~~Arvesta Corporation~~

~~TOMEN AGRO, INC.~~
100 First Street, Suite 1700
San Francisco, CA 94105
tel. #: 415-536-3480

Distributor:
TOMEN CANADA, INC.
160 Bloor Street East, 11th Floor, Suite 1135
Toronto, Ontario M4W 1B9
Canada
Tel: 416-868-1103

D94/A-4

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

Water soluble sachets are contained in a protective container. Do not open allow sachets to become wet prior to adding to the spray tank. Never handle material with bare hands.

Wear long-sleeved shirt and long pants, chemical resistant gloves, goggles and NIOSH approved quarter or half mask cartridge respirator (for particulates) during all mixing, loading, application, clean-up and repair activities.

For aerial mix/load/clean-up and repair activities, wear long-sleeved shirt and long pants, chemical gloves, goggles and NIOSH approved quarter or half mask respirator (for particulates). For aerial applicators (pilots), wear long-sleeved shirt and long pants and, if the cockpit is not equipped with an air filtration mechanism, wear respiratory protection.

DO NOT reenter treated areas within 48 hours of application. If reentry into treated areas is required, workers must wear long pants, long-sleeved shirt, chemical resistant gloves, work boots and goggles. Change contaminated clothing daily and wash thoroughly before re-use. Wash hands, face and arms thoroughly after handling captan 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.

FIRST AID

If a known exposure occurs or is suspected, immediately initiate the recommended procedures below. If further treatment is required, contact a Poison Control Centre, a physician, or the nearest hospital. Take container, label or product name and registration number with you when seeking medical attention.

If Swallowed: Immediately give several glasses of water and induce vomiting by gagging the victim with a finger or blunt object placed on the back of the victim's tongue. Give fluids until vomitus is clear. If victim is unconscious, do not induce vomiting or give anything by mouth.

For Eye Contact: Immediately flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart during flushing to ensure rinsing of the entire surface of the eye and lids with water. Get medical attention immediately after thorough flushing.

For Skin Contact: Flush all affected areas with plenty of water for 15 minutes. Remove contaminated clothing and shoes. Seek

medical attention if skin irritation occurs. Wash clothing before reuse.

If Inhaled: Remove to fresh air. Seek medical attention if respiratory irritation occurs or if breathing becomes difficult.

EMERGENCY TELEPHONE NUMBER

All hours, 1-800-228-5635 ext 174 **ONLY** for health and environmental information.

STORAGE

Warehouse handling and shipping must be at temperatures above 0EC.

Product can be stored at temperatures below 0EC provided handling is minimal.

At temperatures below 0EC, soluble film packaging becomes susceptible to cracking and breakage due to handling and shipping. **Warning:** should breakage occur, protective measures must be taken to avoid contact with the product (see PRECAUTIONS).

Keep water soluble sachets in protective container and store in a cool, dry place. Do not store at temperatures above 40EC.

SPILL CLEANUP

In cleanup, use protective clothing noted above in PRECAUTIONS. Sweep up spilled material being careful not to create dust. Place sweepings in a suitable waste container and label for content. Then generously cover the contaminated floor area with a common household detergent. Using a stiff brush and small amounts of water, work the detergent into the floor area of the spilled material forming a slurry. Brush the slurry into cracks and crevices and allow to stand for 2-3 minutes. Spread a suitable absorbent such as clay, sawdust or kitty litter on the slurry liquid. Shovel the absorbed material into the waste container. Repeat slurry process if necessary. Rinse area with water. Mop rinsate into waste container. Repeat rinse until area is clean. Dispose of mop with waste. Seal waste container and ensure it is labelled for content. Dispose according to local regulations. See DISPOSAL statement.

DISPOSAL

Thoroughly rinse the contents of the container into the application device. Follow provincial instructions for any

required additional cleaning of the container prior to disposal. Make the empty container unsuitable for further use. Dispose of container in accordance with provincial requirements. 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 spills and for clean-up of spills.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly or indirectly to water. Do not contaminate ponds, lakes, streams or rivers by cleaning of spray equipment or disposal of waste.

NOTICE TO USER

This control product is to be used only in accordance with the directions of this label. It is an offence under the **Pest Control Products Act** to use a control product under unsafe conditions.

PRODUCT INFORMATION

CAPTAN 80-WP INSTAPAK is a microfine wettable powder formulated for use in water as a spray for the control of certain fungus diseases of fruit, vegetables and ornamental crops. CAPTAN 80-WP INSTAPAK is also useful as a soil treatment for the control of certain seed-rots and damping-off diseases. Application can be made by aircraft or ground equipment including concentrate and semi-concentrate equipment. CAPTAN 80-WP INSTAPAK is packaged in water soluble sachets that are to be dropped into the spray tank unopened.

DIRECTIONS FOR USE

GENERAL USE PRECAUTIONS

Observe use limitation given on the label for specific crops. 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 as the timing and number of applications needed will vary with local conditions.

AERIAL APPLICATION PRECAUTIONS

Apply only by fixed-wing or rotary aircraft equipment which has

been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

Use Precautions

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the *Basic Knowledge Requirements for Pesticide Education in Canada: Applicator Core and Aerial Module*, developed by CAPCO.

Do not apply to any body of water. Avoid drifting of spray onto any body of water or other non-target areas. Specified buffer zones should be observed.

Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Do not apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelter-belt) or aquatic habitat.

Operator Precautions

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair.

All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit

and vehicle cabs must be decontaminated regularly.

Product Specific Precautions

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at (415) 536-3480 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.

COMPATIBILITY AND CROP SAFETY

CAPTAN 80-WP INSTAPAK can be used safely and effectively at recommended rates with most of the commonly used insecticides and fungicides with the exception of oil and strongly alkaline materials. Alkaline materials such as spray lime, lime-sulfur and Bordeaux mixture will reduce the fungicidal activity of captan. Do not apply captan 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 and sulfur should not be used on crops sensitive to sulfur. Used at high rates or in drenching sprays, captan may cause a necrotic spotting of tender, immature leaves of certain varieties of apples, peaches, plums, and cherries. This type of injury is most likely to occur in the early cover sprays during long periods of warm, cloudy, humid weather. To avoid the hazard of leaf spotting under such conditions, use captan and other spray materials at the lowest recommended rates and avoid drenching trees.

MIXING INSTRUCTIONS

WARNING: Ensure that the spray tank, pump and lines are clean and do not contain boron or any substances releasing free chlorine. Any boron or free chlorine will cause incomplete dissolution of the water soluble film which will result in plugging of the sprayer pump, lines or screens.

MIXING INSTRUCTIONS FOR CAPTAN 80-WP INSTAPAK

Half fill the spray tank with water (see WARNING above). With agitator operating, add the desired number of 1 kg water soluble sachets. If there is a screen in the fill opening, place water soluble sachets on the screen and direct water flow onto them. Do not cut open the water soluble sachets. Add balance of water to fill tank. Keep agitator running during filling, mixing and

spraying operations. Do not allow the mix to stand. Do not add emulsifiable liquids to the mixture unless previous use of the materials being combined has proved them compatible. Reseal the protective, outer container tightly, to preserve remaining water soluble sachets.

MIXING INSTRUCTIONS FOR TANK MIXES OF CAPTAN 80-WP INSTAPAK AND OTHER PESTICIDES

Water soluble sachets of CAPTAN 80-WP INSTAPAK must be added to the spray water and **the soluble film must be completely dissolved** before any other products are added.

RECOMMENDATIONS

APPLE: Primary Scab Infection - Use 3.75 kg per hectare in sufficient water to provide thorough coverage, in all sprays beginning at green tip, up to and including second cover. **Secondary Scab Infection** - If primary scab is under control, reduce rate to 1.88 kg per hectare in balance of cover sprays.

Sooty Blotch, Fly Speck, Brook's Spot, Bitter Rot, Black Rot - Use 1.95 kg to 3.75 kg per hectare. **Bull's Eye Rot (Gloeosporium perennans)** - Use 3.75 kg per hectare. Apply if rainy periods occur prior to harvest. Consult provincial spray calendar for timing of applications. Do not apply within 7 days of harvest. Early season sprays may cause necrotic spotting to foliage of red delicious, winesap and other sensitive varieties. May be applied by conventional ground equipment or aircraft. Refer to Aerial Application Precautions (pp.4-5).

Tank mix with NOVA 40W Fungicide for Control of Apple Scab (GROUND APPLICATION ONLY) - NOVA 40W is a systemic fungicide. When tank mixing use 340 g/ha (full rate) of NOVA 40W and one-half of the recommended rates of Captan 80-WP INSTAPAK for apple scab control. Follow all directions for NOVA 40W as given on the NOVA 40W label.

APRICOT: Brown Rot - Apply 3.75 to 4.5 kg per hectare in sufficient water to provide thorough coverage at pink bud, bloom, shuck-split, shuck-fall, and pre-pick sprays. May be applied up to 2 days before harvest. May be applied by conventional ground equipment or aircraft. Refer to Aerial Application Precautions (pp. 4-5).

CHERRIES: (Sour, Sweet): Brown Rot, Leaf Spot (Shot Hole) - Use 3.75 to 4.5 kg per hectare in sufficient water to provide thorough coverage in the pre-bloom, bloom, petal fall, shuck, cover sprays, and immediately after harvest. Leaf injury may

result to the Schmidt and Emperor Francis varieties of sweet cherry in post-bloom sprays. Consult provincial spray calendar for variations in the spray schedule. May be applied up to 2 days before harvest of sweet cherries. May be applied up to 5 days before harvest of sour cherries. May be applied by conventional ground equipment or aircraft. Refer to Aerial Application Precautions (pp.4-5).

PEACH: Brown Rot, Scab - Use 3.75 to 4.5 kg per hectare in sufficient water to provide thorough coverage. Apply in late pink, full bloom, petal fall, shuck fall and cover sprays. Continue applications through harvest if conditions favour Brown Rot. May be applied up to 2 days before harvest. May be applied by conventional ground equipment or aircraft. Refer to Aerial Application Precaution (pp.4-5).

PEAR: Scab, Sooty Blotch - Use 3.75 kg per hectare in sufficient water to provide thorough coverage. For scab, apply in the pre-bloom, petal fall and first cover sprays. For sooty blotch, apply in the second cover spray and 2 weeks later. Do not use on D'Anjou pears. Do not apply within 7 days of harvest. May be applied by conventional ground equipment or aircraft. Refer to Aerial Application Precautions (pp.4-5).

PLUM, PRUNE: Black Knot, Brown Rot - Use 3.75 to 4.5 kg per hectare in sufficient water to provide thorough coverage. For black knot, spray in the green tip, pre-bloom and blossom sprays. For brown rot apply in the pre-bloom, shuck and cover sprays. Repeat application at 7 to 14 day intervals as needed to maintain cover. May be applied up to 2 days before harvest. May be applied by conventional ground equipment or aircraft. Refer to Aerial Application Precautions (pp. 4-5).

GRAPE: Dead Arm (Current Season's Infections) - Use 2 kg per hectare in sufficient water to provide thorough coverage. Apply when new shoots are 1 to 5 centimetres long and again when 10 to 15 centimetres long. **Downy Mildew, Black Rot** - Use 2 to 3.5 kg per hectare. Apply just before bloom, just after bloom and in first cover. For downy mildew, an additional application 2 to 3 weeks later may be needed. Do not apply within 7 days of harvest. May be applied by conventional ground equipment or aircraft. Refer to Aerial Application Precautions (pp. 4-5).

RASPBERRY: Fruit Rot, Spur Blight - Use 2.5 kg per hectare in sufficient water to provide thorough coverage. Treat when blossoms first appear and then at 7 to 10 day intervals until harvest. If conditions favour fruit rot, continue applications throughout the harvest period. May be applied up to 2 days before harvest. Do not apply by air.

BLACKBERRY: Fruit Rot - Use 2.25 kg in 1,000 litres of water per hectare. Treat when first blossoms open and then at weekly intervals through bloom. If conditions favour fruit rot, continue applications throughout the harvest period. May be applied up to 2 days before harvest. Do not apply by air.

LOGANBERRY: Cane Spot, Fruit Rot, Leaf Spot, Spur Blight - Use 1.5 to 2.25 kg in 1,000 litres of water per hectare. Treat when first blossoms open and then at weekly intervals through bloom. if conditions favour fruit rot, continue applications throughout the harvest period. May be applied up to 2 days before harvest. Do not apply by air.

BLUEBERRY: Fruit Rot, Mummy Berry - Use 2.25 kg in 1,000 litres of water per hectare. Treat when new growth starts and then at weekly intervals through bloom. If conditions favour fruit rot, continue applications throughout the harvest period. May be applied up to 2 days before harvest. May be applied by conventional ground equipment or aircraft. Refer to Aerial Application Precautions (pp. 4-5).

STRAWBERRY: Gray-Mold Rot, Leaf Spot - use 2.75 to 4.25 kg in 1,000 litres of water per hectare. Make first application when new growth starts in spring before fruit forms. Repeat at weekly intervals. If conditions favour fruit rot, make continuous application through harvest period, treating immediately after picking. May be applied up to 2 days before harvest. May be applied by conventional ground equipment or aircraft. Refer to Aerial Application Precautions (pp. 4-5).

RHUBARB (IN FORCING SHEDS): Leaf Rot - Use 1.25 to 2 kg in 1,000 litres of water. Spray at weekly intervals. May be applied up to 2 days before harvest. Do not apply by air.

VEGETABLE AND FIELD CROPS

CUCUMBER: Anthracnose, Scab - Use 2.25 to 4.25 kg per hectare in sufficient water for thorough coverage. Treat at first sign of disease and then at 5 to 7 day intervals. Use 2.25 to 3.25 kg on young plants, 3.25 to 4.25 kg on mature plants. May be applied up to 2 days before harvest. May be applied by conventional ground equipment or aircraft. Refer to Aerial Application Precautions (pp. 4-5).

POTATOES: Early Blight, Late Blight - Use 2.5 to 3.75 kg per hectare in sufficient water for thorough coverage. Begin treatment at first sign of disease or as indicated by disease monitoring services. Repeat applications on a 7 to 10 day

schedule as needed to maintain control. May be applied up to 7 days before harvest. Do not make more than 7 applications per season. May be applied by conventional ground equipment or aircraft. Refer to Aerial Application Precautions (pp. 4-5).

TOMATO: Anthracnose, Septoria Leaf Spot - Use 2.75 to 4.25 kg per hectare in sufficient water and repeat at 5 to 7 day intervals or as needed to maintain control. Use higher rates on mature plants or for severe infections. May be applied up to 2 days before harvest. May be applied by conventional ground equipment or aircraft. Refer to Aerial Application Precautions (pp 4-5).

Soil and Greenhouse Bench Treatment: Use 1.5 kg per 1,000 litres of water and apply at rates of 50 to 85 litres per 100 square metres as a soil treatment for damping-off and fungus root rot diseases of seedlings or transplants of roses (and other shrubs, trees, flowers), lawn seedbeds, and vegetables (beans, peas, celery, crucifers, eggplants, pepper, tomato). Work into the upper 7.5 to 10 centimetres of soil before planting.

TURF (Golf courses and sod farms only): Brown Patch, Damping-Off, Leaf Spot, Melting-Out, Root Rot - Use 0.9 to 1.5 kg per 1000 square metres. Begin treatments before infection occurs in early spring. Repeat at intervals of 7 to 14 days throughout the summer. The maximum application rate to turf (golf courses, sod farms) is 5.9 kgs of Captan 80W per hectare with a maximum seasonal rate of 11.9 kgs/hectare. Do not apply to home lawns, parks, schools, sport fields and other recreational areas. Do not apply by air.

CAMELLIA: Petal Blight - Use 1.25 kg in 1,000 litres of water. Apply to foliage and soil around plants. Treat weekly or bi-weekly before and during flowering season, especially following rain or damp weather. Do not apply by air.

CARNATION: Leaf Spot, CHRYSANTHEMUM: Botrytis Flower Blight, Septoria Leaf Spot. ROSE: Black Spot - Use 1.25 to 1.5 kg in 1,000 litres of water. Apply to give even coverage of upper and lower leaf surface. Repeat at intervals of 7 to 10 days as necessary. Do not apply by air.

ASTER, DAHLIA, LILAC, ROSE, TULIP: Botrytis Flower Blight - Use 1.25 kg in 1,000 litres of water. Apply when disease first appears and repeat at intervals of 7 to 10 days as required. Do not apply by air.

BEGONIA (TUBEROUS), DAFFODIL, DAHLIA, GLADIOLUS, IRIS (Bulbous), NARCISSUS, TULIP: Damping-Off, Bulb Rots - Use 3.75 to 9.5 kg in 1,000 litres of water. Before storage, dip and allow to dry. Do

not apply by air.

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.

INSTAPAK is a registered trademark of ZENECA Corp.
NOVA is a registered trademark of Rohm and Haas, Company, USA

((Sachet))

CAPTAN 80-WP INSTAPAK™ 1 kg

WETTABLE POWDER FUNGICIDE

KEEP OUT OF REACH OF CHILDREN

GUARANTEE: captan 80%

WARNING: Any boron and free chlorine in the sprayer will cause incomplete dissolution of the water soluble film.

shipping carton

COMMERCIAL
21 kg

10 x

CAPTAN 80-WP INSTAPAK®

Wettable Powder Fungicide in Water Soluble Sachets

READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN

CAUTION: Exposure to captan may produce long term health effects.
To minimize exposure, follow directions outlined On this label.

PRECAUTIONS FOR HANDLING BROKEN CARTONS

1. Prevent inhalation, skin and eye contact. Wear chemical resistant gloves, boots, safety goggles and **NIOSH** approved pesticide respirator.
2. Place damage unit so further leakage is minimized. Cover spilled material and area around damage unit with heavy absorbent and plastic sheeting to prevent dusting and blowing.
3. **EMERGENCY TELEPHONE NUMBER:** All hours, 1-800-228-5635 ext. 174 **ONLY** for health and environmental information.

GUARANTEE: captan 80%

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Notification Change