

66330-239

7-10-2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

66330-239

Date of Issuance:

JUL 10 2007

NOTICE OF PESTICIDE:

Registration
XX Reregistration (under FIFRA, as amended)

Terms of Issuance:

Unconditional

Name of Pesticide Product:

Captec 4L Captan Flowable Fungicide

Name and Address of Registrant (include ZIP Code):

Arysta LifeScience N.A. Corp.
15401 Weston Parkway, Suite 150
Cary, NC 27513

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce.

On the basis of information furnished by the registrant, the above named pesticide is hereby reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency.

Based on your response to the Reregistration Eligibility Decision for Captan, EPA has reregistered the product listed above. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended.

The revised label that you submitted July 9, 2007 is acceptable. This amended labeling supersedes all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Submit one (1) copy of final printed labeling before you release the product for shipment.

Continued on Page 2

Signature of Approving Official:

Tony Kish (handwritten signature)

Tony Kish, PM 22
Registration Division, Fungicide Branch

Date:

JUL 10 2007

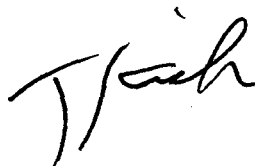
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Notice of Reregistration (continued)
EPA Reg. No. 66330-239

Regarding the Special Local Need registration associated with this parent product registration (FL-940012), the Agency has no adverse comments regarding the revised labeling submitted in connection with registration under FIFRA section 24(c) and in response to the RED.

Please forward a copy of the revised SLN labeling to the appropriate State officials for their comment/approval. Any additional State-stipulated wording or limitations, including reference to applicable State Rules or Regulations or updates to them, must appear on the labeling. Please notify the Agency by e-mail to westin.robert@epa.gov when you actually do forward the revised SLN label(s) to the State(s). When submitting each label to the State, please request the State to forward a copy of the revised SLN label (including their additions, if any) to the Agency for official confirmation of their receipt and approval, since Agency approval of the State's notification is required to finalize the action.

If you have any questions or comments regarding this letter, please contact Robert Westin at (703) 305-5721 or via e-mail at westin.robert@epa.gov



Tony Kish, PM 22
Registration Division, Fungicide Branch

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CAPTEC 4L

Captan Flowable Fungicide

ACTIVE INGREDIENT:

*Captan 38.75%
Related Derivatives 0.85%

OTHER INGREDIENTS: 60.40%
TOTAL 100.0%

*N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide
Contains 4 lbs. of Captan per gallon.

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

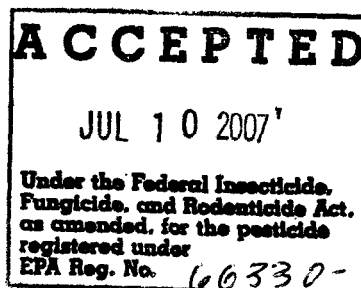
| FIRST AID | |
|--|--|
| IF IN EYES: | <ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. |
| 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person. |
| 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 mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice. |
| 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. |
| NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. | |
| EMERGENCY TELEPHONE NUMBERS: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact: | |
| FOR 24- HOUR EMERGENCY MEDICAL ASSISTANCE CALL: 1-866-303-6952 | |
| FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300 | |

See Additional Precautionary Statements and Directions for Use in Attached Booklet.

EPA Reg. No. 66330-239
EPA Est. No. 51036-GA-1
AD xxxxxx

Manufactured For:
Arysta LifeScience North America
Corporation
15401 Weston Parkway, Suite 150
Cary, NC 27513

NET CONTENTS: _____ Gal.



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PRECAUTIONARY STATEMENTS
Hazards To Humans And Domestic Animals
DANGER PELIGRO

Corrosive. Causes irreversible eye damage. Harmful if swallowed or absorbed through the skin or inhaled. Do not get in eyes or on clothing. Avoid breathing spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

All mixers, loaders, applicators, flaggers, and other handlers (including handlers participating in transplanting as part of root dip treatments or greenhouse-soil treatments) must wear:

- Long sleeved shirt and long pants,
- Shoes plus socks,
- Goggles or face shield,
- Chemical-resistant gloves, except for pilots, flaggers, and applicators driving motorized ground equipment,
- Chemical resistant apron when mixing/loading, participating in dip treatments, cleaning up spills, cleaning equipment, or otherwise exposed to the concentrate.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Control:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. 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

This pesticide is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 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.

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 and restricted-entry intervals. 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 (REI). The REI for each crop is listed in the directions for use associated with each crop.

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 water-proof material
- Shoes plus socks
- Protective eyewear

Double Notification: Notify workers of the application by warning them orally and by posting warning signs at the entrances to treated areas.

Eye Protection: To mitigate eye irritation concerns from post application exposures, the Agency is requiring that, for at least seven days following the application of captan:

1. at least one container designed specifically for flushing eyes must be available in operating condition at the WPS-required decontamination site for workers entering the area treated with captan, and
2. workers must be informed orally, in a manner they can understand:
 - that residues in the treated area may be highly irritating to their eyes,
 - that they should take precautions, such as refraining from rubbing their eyes, to keep the residues out of their eyes,
 - that if they do get residues in their eyes, they should immediately flush their eyes with the eyeflush container that is located at the decontamination site, and
 - how to operate the eyeflush container

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Entry Restrictions for Postharvest Fruit Dip

Do not contact or allow others to contact the treated fruit until sprays have dried.

Entry Restrictions for all other Non-WPS uses

Do not enter or allow others to enter until sprays have dried.

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PESTICIDE STORAGE AND DISPOSAL

PESTICIDE STORAGE: Store in a cool, dry place, but protect from temperatures below 0 degrees F. Protect from excessive heat.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Improper disposal of excessive pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Read all precautions and directions for use before using. Use only for claims listed and only as specified on this label.

In order that pesticide residues on food and forage crops will not exceed Federal tolerances, use only at recommended rates and intervals, and do not apply closer to harvest than specified. Do not apply or allow to drift to adjoining food, fiber or pasture crops. Drift of captan onto sensitive crops (e.g. D'Anjou pears) can cause severe phytotoxicity and crop loss. Consult State Agricultural Experiment Stations or State Agricultural Extension Service for additional information, as the time of applications needed will vary with the local conditions.

CAPTAN DRIFT LANGUAGE

SPRAY DRIFT MANAGEMENT

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment- and weather-related factors determines the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Apply only when the wind speed is 2-10 mph at the application site.

Additional requirements for aerial applications:

The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.

Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy.

When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind.

Do not make applications into temperature inversions.

Additional requirements for ground boom application:

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

Where states have more stringent regulations, they should be observed.

The applicator should be familiar with and take into account the information covered in the Aerial Drift Reduction Advisory Information.

AERIAL DRIFT REDUCTION ADVISORY

This section is advisory in nature and does not supersede the mandatory label requirements.

INFORMATION ON DROPLET SIZE

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (see Wind, Temperature and Humidity, and Temperature Inversions).

CONTROLLING DROPLET SIZE

Volume - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.

Pressure - Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.

Number of nozzles-Use minimum number of nozzles that provide uniform coverage.

Nozzle Orientation - Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.

Nozzle Type - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

BOOM LENGTH

For some use patterns, reducing the effective boom length to less than 3/4 of the wingspan or rotor length may further reduce drift without reducing swath width.

APPLICATION HEIGHT

Applications should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

WIND

Drift potential is lowest between wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. NOTE: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

TEMPERATURE AND HUMIDITY

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

TEMPERATURE INVERSIONS

Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small-suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

SENSITIVE AREAS

The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

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| CROP | DISEASE | RATE PER APPLICATION | |
|---|---|---------------------------------|-------------------------------|
| | | QTS/100 Gallons/ Application | MAXIMUM QTS/A/ Application |
| BLUEBERRIES: (Eastern Areas) | Botrytis Gray Mold or Berry Rot, Mummy Berry | 0.75 - 1.0 | 2.5 |
| | Apply in sufficient water for thorough coverage. Begin when buds swell or when buds have loose scales, repeating at 7-day intervals through blossom period. Repeat at 7 to 10 day intervals from late bloom | | |
| BLUEBERRIES: (Western Areas) (Not for use in California) | Botrytis Gray Mold or Berry Rot, Mummy Berry | 0.75 - 1.0 | 2.5 |
| | Apply in sufficient water for thorough coverage. Begin at mid-bloom, repeating every 7 to 10 days as needed. | | |
| BLUEBERRIES: Precautions and Restrictions | Do not apply more than 35 quarts of Captec 4L per acre per season. May be applied up to day of harvest. Restricted Entry Interval is 48 hours. | | |
| CANEBERRIES (Blackberries, Raspberries) | Anthracnose Botrytis Spur Blight | 0.75-1.0 | 2.0 |
| | Apply when blossoms are in bud (young canes 8-10 inches long). Make a second application 2 weeks later. Apply a full spray after old canes are removed. | | |
| | Fruit Rot | 0.75-1.0 | 2.0 |
| | Apply at early bloom (5-10%) and again at full bloom. Additional applications may be made at 10-14 day intervals as needed. Do not apply more than 10 pounds of Captec 4L per season. Do not apply within 3 days of harvest. Restricted Entry Interval is 48 hours. | | |
| CHERRIES: (Eastern Areas) | Brown Rot, Leafspot, Botrytis Rot | 0.75-1.0 | 2.0 |
| | Apply at pre-bloom, bloom, petal fall, shuck, cover and preharvest. Applications every 3 to 4 days may be necessary during bloom to control blossom blight. Repeat at 7 to 20 days as needed up to harvest. | | |
| | Powdery Mildew | 0.75 - 1.0 | 2.0 |
| | Apply Captec 4L as a mixture with 3 - 6 lbs. (not to exceed 6 lbs.) sulfur to petal fall, shuck or early cover sprays. If sulfur is added, Captec 4L may be reduced to the rate of 1 quart per acre. | | |
| | Leafspot (Post Harvest Spray) | 0.75 - 1.0 | 2.0 |
| | Apply immediately after harvest, repeating in 10 to 14 days. Do not apply more than 14 quarts of Captec 4L per acre per crop cycle. May be applied up to day of harvest | | |
| CHERRIES: (Western Areas) | Cherry Leaf Spot, Brown Rot, Botrytis Rot | 0.75 - 1.0 | 2.0 |
| | Apply in prebloom, bloom, petal fall, shuck, cover and preharvest sprays. Do not apply more than 14 quarts of Captec 4L per acre per crop cycle. May be applied up to day of harvest. | | |
| CHERRIES: Precautions and Restrictions | Do not apply more than 14 lb ai/acre of Captec 4L per season. Restricted Entry Interval is 24 hours. | | |

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| CROP | DISEASE | RATE PER APPLICATION | |
|--|---|---------------------------------|-------------------------------|
| | | QTS/100 Gallons/ Application | MAXIMUM QTS/A/ Application |
| GRAPES: (U.S., except California) | Downy Mildew, Black Rot(Suppression of) Phomopsis Cane and Leaf Spot | 0.75 - 1.0 | 2.0 |
| | Make first application just before bloom, repeat just after bloom and at 10 to 14 day intervals. Use the lower rate when spraying less susceptible grape varieties or when conditions are less favorable for disease development. Use the higher rate on susceptible grape varieties and during periods of weather highly favorable for disease development. Apply when shoots are 1/2 to 1 1/2 inches long, 3 to 5 inches long, and 9 to 12 inches long. Continue thereafter at 10 to 14 day intervals as disease conditions warrant. | | |
| GRAPES: (California) | Bunch Rot (Botrytis) | 1.0 | 2.0 |
| | Make 2 applications before bloom and 1 immediately after bloom. Repeat periodically, making 3 cover applications before the bunches close. | | |
| | Phomopsis cane and leaf spot (current season infection) | 0.75 - 1.0 | 2.0 |
| | Apply first spray when green tissue begins to show but before shoots are 1 inch long and repeat application when shoots are 6 to 8 inches long. | | |
| GRAPES: Precautions and Restrictions | Do not apply more than 12 quarts of Captec 4L per acre per season. May be applied up to day of harvest. Restricted Entry Interval is 48 hours. | | |
| NECTARINES | Brown Rot, Scab, Coryneum Blight (Shot Hole) | 0.75 - 1.0 | 4.0 |
| | Apply at pink bud, full bloom, petal fall stages and cover sprays as necessary and as a postharvest spray (but before leaves drop). Applications at 3 to 4 day intervals may be necessary during bloom to control blossom blight. Repeat application at 7 to 14 day intervals as needed to maintain control. Continue applications throughout harvest if conditions favor brown rot. If powdery mildew is a problem, add 7 1/2 pounds sulfur per acre to the petal fall, shuck and early cover spray. If sulfur is added, Captec 4L may be reduced to 1.25 quarts per acre in these sprays. | | |
| | Do not apply more than 24 quarts of Captec 4L per acre per season (including postharvest sprays). Pre-harvest sprays may be applied up to day of harvest. Restricted Entry Interval is 24 hours. | | |
| PEACHES | Brown Rot, Scab | 0.75 - 1.0 | 4.0 |
| | Apply in full pink, bloom, petal fall, shuck stages and in cover and preharvest sprays. When conditions are favorable, make applications at 3 to 4 day intervals during bloom to control blossom blight. Then repeat application at 7 to 14 day intervals as needed to maintain control. Continue applications through harvest if conditions favor brown rot. If powdery mildew is a problem, add 12 pounds sulfur per acre to the petal fall, shuck and early cover spray. If sulfur is added, Captec 4L may be reduced to 4 quarts per acre in these sprays. | | |
| | Coryneum Blight (Shot Hole) | 0.75 - 1.0 | 4.0 |
| | Apply in pink bud, full bloom, petal fall stages and cover sprays as necessary and as a postharvest spray (but before leaves drop). Do not apply more than 32 quarts of Captec 4L per acre per season (including postharvest sprays). Preharvest sprays may be applied up to day of harvest. Restricted Interval Entry is 24 hours. | | |

| CROP | DISEASE | RATE PER APPLICATION | |
|----------------------------|-----------|---------------------------------|-------------------------------|
| | | QTS/100 Gallons/ Application | MAXIMUM QTS/A/ Application |
| PLUMS, FRESH PRUNES | Brown Rot | 1.0 - 3.0 | 3.0 |

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| | | | |
|---|---|-----------|-----|
| (Used for Dried Plums): (Eastern) | Apply in full pink, bloom and petal fall sprays. Repeat applications at 7 to 14 day intervals as needed to maintain control. Continue applications through harvest if conditions favor brown rot. The addition of a neutral spreader has improved coverage. | | |
| PLUMS, FRESH PRUNES(Used for Dried Plums) (except California): (Western) | Brown Rot | 1.0 - 3.0 | 3.0 |
| | Apply at green bud, popcorn, bloom and petal fall stages. Repeat in cover sprays as conditions warrant. | | |
| | Prune russet scab (lacy scab) | 1.0 - 3.0 | 3.0 |
| | Apply at full bloom. | | |
| PLUMS: Precautions and Restrictions | Do not apply more than 27 quarts of Captec 4L per acre per season. May be applied up to day of harvest. Restricted Interval Entry is 24 hours. | | |

SUGGESTED MINIMUM SPRAY VOLUMES/ACRE FOR STRAWBERRIES

| GROUND: | AERIAL: |
|-----------------------------------|--------------------------------|
| 40 gallons (Broadcast or Band) | 10 gallons (Broadcast only) |

| CROP | DISEASE | RATE PER APPLICATION | |
|---|---|---|---------------------------------------|
| | | QTS/100 Gallons/ Application | MAXIMUM QTS/A/ Application |
| STRAWBERRIES: (U.S., except California) | Botrytis, Leaf Spot | 1.5 - 3.0 | 3.0 |
| STRAWBERRIES: (California) | Botrytis, Leaf Spot | 1.5 - 2.5 | 2.5 |
| | <p>If applying as a directed/banded spray; use band rate of Captec 4L according to the following formula:</p> $\frac{\text{Plant Bed Width (inches)}}{\text{Row Spacing (inches)}} \times \text{Broadcast rate per acre} = \text{Banded rate of Captec 4L per acre.}$ <p>If applying as a directed/banded spray; use band rate of Captec 4L according to the following formula:</p> $\frac{\text{Plant Bed Width (inches)}}{\text{Row Spacing (inches)}} \times \text{Broadcast rate per acre} = \text{Banded rate of Captec 4L per acre.}$ | | |
| STRAWBERRIES: Precautions and Restrictions | <p>Apply by broadcast in sufficient water for thorough coverage by ground or in 10 to 20 gallons of water by air. Begin applications when new growth starts in the spring and before fruit starts to form. Repeat at 7 to 14 day intervals. Under conditions favorable to fruit rot, continue applications through harvest period, treating immediately after each picking.</p> <p>Do not apply more than 24 quarts of Captec 4L per acre per season. May be applied up to day of harvest. Restricted Entry Interval is 24 hours.</p> | | |

SPECIAL USES

PEACH PREPLANT ROOT DIP (California):

Preventative preplant dip treatment for crown gall - Use 4 quarts Captec 4L plus 3.2 pints diluted sodium hypochlorite (5.25% household bleach) per 100 gallons of water. Wash nursery trees to remove soil from roots. Cut off all dormant buds

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and suckers in crown area and prune root system if necessary. Submerge the entire dormant tree for 5 minutes. Recharge dip during operation at a rate of 3.2 pints diluted sodium hypochlorite per 100 gallons of water.

POSTHARVEST FRUIT APPLICATION:

For control of various molds and storage rots (*Botrytis*, *Gleosporium*, *Rhizopus*). Use as a postharvest dip or spray wash on the following fruits: **Apples, Cherries, Pears** – Use 1.25 quarts of Captec 4L per 100 gallons of water. Apply as a spray or in a dip tank. When used as a dip, recharge wash solution periodically when tank volume is reduced by 25%. Bring water back to volume and add 1.25 quarts of Captec 4L for each 100 gallons added. At end of every 8 hour shift, empty tank, flush and charge with fresh dilution. Do not allow tank solution to stand overnight. Maintain continuous agitation during dipping operation.

For use in mechanical fruit-dip operations only. Hand dipping of fruit is prohibited. Do not contact or allow others to contact the treated fruit until sprays have dried.

DISPOSAL OF LEFTOVER POSTHARVEST TREATMENT MIXTURE:

Leftover dip or spray mixtures containing Captan may be used as a foliar spray for apples and cherries (but not pears) or to registered turf and ornamental sites, observing all restrictions such as maximum quarts applied per application and season.

When calculating application rates, if analytical services are not available to determine the exact quantity of captan remaining in mixture, assume that the tank still contains 1.25 quarts of Captec 4L per 100 gallons of water. If the dip or spray mixture contains other pesticides in addition to Captan, refer to product label(s) for information regarding disposal.

Captan wastes are acutely hazardous to the eyes. Improper disposal of spray or dip tank mixtures is a violation of Federal law. If the leftover dip or spray mixture cannot be disposed of in the manner prescribed above, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance concerning the disposal of spent or excess dip tank mixtures.

ORNAMENTAL USE PRECAUTIONS

Do not apply spray to ornamental plants beyond the point of drip from the leaf surface. Apply only sufficient mixture to wet the surface of the soil except when the dose is specified in terms of volume of mixture per square foot of area when using CAPTEC 4L as a drench.

**APPLICATION INSTRUCTIONS
(NOT FOR USE IN CALIFORNIA)**

AZALEAS

Damping off of cuttings - Mix 2.0 quarts in 100 gallons of water and dip cuttings in the mixture before bedding.

Petal Blight - Mix 1.0 quart in 100 gallons of water and apply the mixture as a spray to the soil around the plants prior to bloom, apply as a spray to the flowers just before bloom and repeat at 7 to 14 day intervals through bloom.

BEGONIAS (Tuberous)

Damping-off - Mix 2.0 quarts in 100 gallons of water and dip tubers for 30 minutes in mixture, drain and plant.

CAMELLIAS

Petal Blight - Mix 0.5 quart in 100 gallons of water and apply as a spray to the soil around plants when flowers begin to open, repeat at 7 to 10 day intervals through bloom.

CARNATIONS

Alternaria Leafspot, Rust - Mix 1.0 quart in 100 gallons of water and apply as a spray at first sign of disease. Repeat at 7 to 10 day intervals. Use the shorter interval if there are frequent rains and heavy dews. Damping-off of cuttings - Mix 1.0 quart in 100 gallons of water and dip cuttings in mixture before bedding.

CHRYSANTHEMUM

Botrytis Flower Blight, Septoria Leafspot - Mix 1.0 quart in 100 gallons of water and apply as a spray at first sign of disease, repeat at 7 to 10 day intervals. Damping-off of cuttings - Mix 2.0 quarts in 100 gallons of water and dip cuttings in mixture before bedding.

DICHONDRA (California only)

Filename: CAPTEC 4L (239-070907).doc

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White Mold - Mix 1.0 quart in 100 gallons of water using 1 gallon of spray for every 10 square feet, making 2 to 3 applications at 7 day intervals.

GLADIOLUS (Corms)

Corm Rot and Decay, Damping-off - Mix 0.25 to 0.75 quarts in 10 gallons of water and dip corms for 20 to 30 minutes before planting.

GRASSES

(Ornamentals in Non-Pastured Areas Only)

Leafspot, Damping-off, Brown Patch, Melting Out, Seedling Blights, Brown Spot on St. Augustine Grass - Mix 1.0 quart in 100 gallons of water, applying 10 gallons spray for every 1000 square feet. Begin at spring growth, repeating 7 to 14 Day intervals throughout the season. Do not graze or feed clippings of treated areas to livestock.

GRASSES

(Lawn Seedbeds)

Damping-off, Other Soil Borne Diseases - Mix 1.0 quart in 100 gallons of water, applying 10 gallons spray for every 1000 square feet. Cultivate into top 3 to 4 inches of soil before planting.

ROSES

Black Spot, Botrytis Blossom Blight - Mix 1.0 quart in 100 gallons of water and apply as a spray at first sign of disease, repeat at 7 to 10 day intervals. Use the shorter interval if there are frequent rains and heavy dews.

SOIL AND GREENHOUSE BENCH TREATMENT

Damping-off, Root rot Diseases on Seedling or Transplants of Roses (other Shrubs, Trees, Flowers) & Lawn Seedbeds - Mix 1.0 quart in 100 gallons of water at a rate of 15 gallons for every 1000 square feet. Cultivate into top 3 to 4 inches of soil before planting.

CONDITIONS OF SALE

1. Arysta LifeScience North America Corporation ("Arysta") warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label only when used in accordance with the directions under normal conditions of use.
2. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Arysta. ARYSTA disclaims all other warranties, expressed or implied, including any warranty of fitness FOR A PARTICULAR PURPOSE or merchantability. TO THE EXTENT PERMITTED BY LAW, Seller shall not be liable for consequential, special or indirect damages resulting from OR IN CONNECTION WITH THE MANUFACTURE, SALE, DELIVERY, USE, handling OR STORAGE of this product. TO THE EXTENT PERMITTED BY LAW, seller's liability shall be limited to the refund of the purchase price. ARYSTA does not authorize any agent or representative to make any other warranty, guarantee or representation concerning this product.
3. Critical and unforeseeable factors beyond the control of Arysta prevent Arysta from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which product is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the use stated on the label and even though label directions are followed. Except as stated in 1 above, to the extent permitted by law, by purchasing, accepting and using this product, the buyer and user acknowledge and assume all risks and liabilities resulting from handling, storage, and use of this product.

CAPTEC 4L
Captan Flowable Fungicide

ACTIVE INGREDIENT:

| | |
|---------------------------------|---------------|
| *Captan | 38.75% |
| Related Derivatives | 0.85% |
| OTHER INGREDIENTS: | 60.40% |
| TOTAL | 100.0% |

*N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide
 Contains 4 lbs. of Captan per gallon.

KEEP OUT OF REACH OF CHILDREN
DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

| FIRST AID | |
|---|--|
| 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 a poison control center or doctor. • Do not give anything by mouth to an unconscious person. |
| 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 mouth-to-mouth if possible. • Call a poison control center or doctor for treatment advice. |
| 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. |
| NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. | |
| EMERGENCY TELEPHONE NUMBERS: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact: FOR 24- HOUR EMERGENCY MEDICAL ASSISTANCE CALL: 1-866-303-6952 FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300 | |

See Additional Precautionary Statements and Directions for Use in Attached Booklet.

PRECAUTIONARY STATEMENTS
Hazards To Humans And Domestic Animals
DANGER PELIGRO

Corrosive. Causes irreversible eye damage. Harmful if swallowed or absorbed through the skin or inhaled. Do not get in eyes or on clothing. Avoid breathing spray mist.

| USER SAFETY RECOMMENDATIONS |
|--|
| <p>Users should:</p> <ol style="list-style-type: none"> 1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3. 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

This pesticide is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 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.

| PESTICIDE STORAGE AND DISPOSAL |
|---|
| PESTICIDE STORAGE: Store in a cool, dry place, but protect from temperatures below 0 degrees F. Protect from excessive heat. |
| PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Improper disposal of excessive pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. |
| CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. |

EPA Reg. No. 66330-239
 EPA Est. No. 51036-GA-1
 AD xxxxxx

Manufactured For:
Crysta LifeScience North America Corporation
 15401 Weston Parkway, Suite 150
 Cary, NC 27513

NET CONTENTS: _____ Gal.

B/B