

Reg # 34704-430

PM-23

file
175



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MARY BETH ENDRES
WILLIAM M. MAHLBURG
AGENT FOR: PLATTE CHEMICAL CO., INC.
P.O. BOX 667
GREELEY, CO. 80632

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 09/20/93 In Response to PR Notice 93-7
EPA Reg. No. 34704-430
CAPTAN 80 WP

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola ink on paper that
contains at least 50% recycled fiber

285

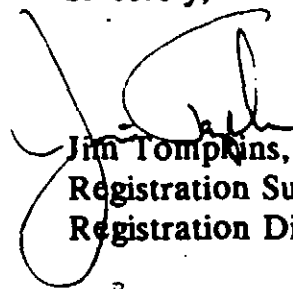
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

395

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

MARY BETH ENDRES
WILLIAM M. MAHLBURG
AGENT FOR: PLATTE CHEMICAL CO., INC.
- BOX 667
GREELEY CO 80632

Comment for: EPA Reg Nr.34704-430
CAPTAN 80 WP

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.

The following statement on your proposed label is not required for this product: "Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas." Delete it from the Agricultural Use Requirements box.

PROPOSED LABEL



CAPTAN 80 WP

AGREEMENT with CONGRESS In EPA Letter Dated

JAN 28 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 34704-430

Fungicide

For Agricultural or Commercial Use Only.

ACTIVE INGREDIENT:	By Wt.
*Captan	78.22%
Related Derivatives	1.78%
INERT INGREDIENTS:	20.00%
TOTAL	
100.00%	

*N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush with plenty of water. Call a physician.
 If swallowed: Call physician or Poison Control Center immediately. Drink promptly a large quantity of milk, egg whites, gelatin solutions, or if these are not available, drink large quantities of water. Avoid alcohol. Do not give anything by mouth to an unconscious person.
 If inhaled: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.
 If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. For terrestrial uses, do not apply directly to water, or 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 clean equipment or dispose of equipment washwaters in a manner that will contaminate water resources.

DIRECTIONS FOR USE

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

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.)

EPA REG. NO. 34704-430

EPA EST. NO.

3618

NET WEIGHT 50 LBS. (22.68 KG) WPSEXPO9G93

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER

Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Avoid contact with skin and clothing.

Applicators and other handlers (other than mixers and loaders) must wear long-sleeved shirt and trousers, socks and shoes with closed ends.

Mixers and loaders must wear long-sleeved shirt and trousers, socks and shoes with closed ends.

Do not eat, drink, or use tobacco while handling this pesticide.

Do not get pesticide on your skin or clothing. If it does, wash immediately with plenty of soap and water.

Do not get pesticide on your face, neck, or hands. If it does, wash immediately with plenty of soap and water.

Engineering controls statements

Additional precautionary statements

USER SAFETY RECOMMENDATIONS

Use only as directed.

Do not use on food crops.

Do not use on lawns.

Do not use on ornamentals.

Do not use on trees.

Do not use on shrubs.

Do not use on vines.

AGRICULTURAL USE REQUIREMENTS

[REDACTED]

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Not for use or storage in or around the house. Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, fold and roll back bags, clamp and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal.

BEST AVAILABLE COPY

395

CAPTAN 80 WP

EPA REG. NO. 34704-430

Storage and Disposal, Cont'd.

Place damaged package in a holding container. Identify contents.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess 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: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Do not treat areas while unprotected humans or domestic animals are present in the treatment area.

Do not apply this product through any type of irrigation system.

Mixing Instructions: Fill the spray tank one-fourth to one-third full with clean water. Start agitation (proper agitation creates a rippling or rolling action on the liquid surface). Add CAPTAN 80 WP at the recommended rate. Mix thoroughly. Add water to fill spray tank. Maintain sufficient agitation during mixing and spraying operations to ensure a uniform spray mixture.

Note: For concentrate sprayer applications, the same quantity (per acre) of CAPTAN 80 WP, as would be normally applied when spraying dilute mixture, should be applied to each acre in sufficient water for coverage. Except as specified, begin applications before or at the first sign of disease. Repeat applications as necessary to maintain control but observe use limitations.

For orchard crops, use the higher rate as disease potential increases. Applications may be made using either air or ground application equipment, unless otherwise specified within crop claims. The maximum permissible rate per acre, per application of this product, is given in parentheses, (), after crop claim.

Almonds: Brown Rot, Shot Hole, Scab, Leaf Blight—1 1/4 pounds per 100 gals. spray. Apply at popcorn, bloom, petal fall stages and up to 5 weeks after petal fall. May be used up to 12 days of harvest if hulls are not fed to dairy animals or animals being finished for slaughter.

If hulls are to be fed to dairy animals or animals being finished for slaughter, do not apply within 30 days of harvest. (5.6 pounds)

Apples: Primary Scab Infestation—1-1 1/4 pounds per 100 gals. spray. Apply at 5-7 day intervals, as needed, to maintain cover in prebloom, bloom, petal fall and first cover sprays. Secondary Apple Scab, Brooks Fruit Spot, Flyspecking, Bitter Rot, Black Rot, Botryosphaeria, Black Pox, Bull's Eye Rot, Botrytis Rot—3/4 to 1 1/2 pounds per 100 gals. spray at 10 to 14 day intervals in second and later cover sprays up to start of harvest. Use the higher rate when disease potential is moderate to severe, otherwise, use the lower rate. (5 pounds)

CAPTAN 80 WP should not be used in combination with or closely following or in alternation with wettable sulfur products on sulfur sensitive varieties of apples such as Red Delicious, Staymen, Baldwin, King, etc., as severe foliage injury and defoliation may occur.

Foliage injury may at times occur in Red Delicious, Winesap and other sensitive varieties of apples in early season sprays.

Apricots: Brown Rot (Twig Blight), Jacket Rot—1 1/4 pounds per 100 gals. spray. Apply at red bud stage, bloom, and repeat at 75 percent petal fall, and cover stages.

Applications may be made using ground application equipment only. (3.1 pounds)

Blueberries (Western U.S.) (except California): Botrytis Blossom Blight and Fruit Rot, Mummy Berry. Apply 1 1/2 to 3 1/2 pounds per acre. Begin applications at mid-bloom and repeat at 7-14 day intervals as necessary to maintain control. For severe conditions apply at 7 day intervals. Apply as a spray with ground equipment using sufficient water to obtain thorough coverage of plants. As a dilute ground spray, use a minimum of 200 gallons of spray suspension per acre. As a concentrate ground spray, use a minimum of 20 gallons of spray suspension per acre. For aerial application use sufficient water (5 to 20 gals.) to obtain adequate coverage. Use the higher application rate when disease potential is severe, otherwise, use the lower rate. (3.2 pounds)

Blueberries (Eastern U.S.): Botrytis Blossom Blight and Fruit Rot, Mummy Berry. Apply 3 1/2 pounds per acre. Begin applications when buds swell or when buds have loose scale and repeat at 7-14 day intervals as necessary to maintain control. For severe conditions apply at 7 day intervals. Apply as a spray with ground equipment using sufficient water to obtain thorough coverage of plants. As a dilute ground spray, use a minimum of 200 gallons of spray suspension per acre. As a concentrate ground spray, use a minimum of 20 gallons of spray suspension per acre. For aerial application use sufficient water (5 to 20 gals.) to obtain adequate coverage. (3.2 pounds)

Cherries (Eastern U.S.): Brown rot, leaf spot, Botrytis rot—Use 1 1/2 pounds in prebloom, bloom, petal fall, shuck, cover and preharvest sprays. Applications at 3 to 4 day intervals may be necessary during bloom to control blossom blight. Repeat applications at 7 to 10 day intervals as needed to maintain cover up to start of harvest. If powdery mildew is a problem add 3 pounds sulfur to the petal fall, shuck and early cover sprays. If sulfur is added, captan may be reduced to 3/4 pound in these sprays. Apply by ground application only. Post harvest sprays—Apply 1 1/4 pounds immediately after harvest for leaf spot. Repeat application in 10 to 14 days. Apply by ground application only. (2.5 pounds)

Cherries (Western U.S.): Cherry Leaf Spot, Brown Rot, Botrytis Rot—1 1/4 pounds per 100 gals. spray. Spray at prebloom, bloom, petal fall.

Applications may be made using ground application equipment only. (2.5 pounds)

Grapes: Downy Mildew, Black Rot—1 1/4 pounds in 100 gals. spray. Apply just before bloom, repeat immediately after bloom. Depending upon susceptibility of grape variety, from 1 to 3 sprays may be needed at 7 to 10 day intervals. Dead Arm Disease (Northeast)—1 1/4 pounds per 100 gals. spray. Make first application when new growth is 4" to 6" long, repeat when growth is 8" to 10" long. (2.5 pounds)

Peaches, Nectarines: Brown Rot, Scab, Coryneum (Shot Hole)—1 1/4 pounds per 100 gals. spray. Apply at pink bud, full bloom and petal fall stages. Repeat at 10 to 14 day intervals after petal fall. Also make late fall applications for Coryneum Blight.

Applications may be made to nectarines using ground application equipment only. (5 pounds)

Fresh Prunes, Plums: Brown Rot—1 1/4 pounds per 100 gals. spray. Apply at Green Tip or popcorn stage. Repeat at bloom and 75% petal fall stages. Also repeat later in season as necessary. Prune Russet Scab (Lacy Scab in California)—1 1/4 pounds per 100 gals. spray. Apply at full bloom. Applications may be made using ground application equipment only. (3.75 pounds)

Strawberries: Botrytis Rot—1 1/4 to 2 pounds per 100 gals. spray (200 diluted gals. per acre or equivalent to 2 1/2 to 3 3/4 pounds per acre in water to cover). Apply when new growth starts in spring before fruit starts to form. Repeat weekly. Severe Infection—Continue through harvest period, treating immediately after each picking. Use the higher rate when weather conditions such as high humidity and temperatures favor moderate to severe disease formation, otherwise, apply at the lower rate. (3.75 pounds)

Turf, Lawn: Brown Patch, Leaf Spot, Damping-off, Root Rot—1 1/4 pounds per 100 gals. spray. Apply 10 gals. to each 1000 sq. ft. of turf or apply 5 pounds per acre in water for coverage. Apply prior to infection. Repeat at 7 to 10 day intervals as necessary. Do not graze treated areas or feed clippings to livestock.

Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

Compatibility: CAPTAN 80 WP may be combined with most commonly used insecticides, adjuvants and fungicides with the exception of strongly alkaline material such as hydrated lime, which reduces the fungicidal activity. Do not use this product in combination with oil sprays or with solvent formulations of Parathion products. Do not use this product on foliage closely following oil sprays. Observe all cautions and limitations on labeling of all products used in mixtures.

NOTICE

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE. IN NO CASE SHALL PLATTE BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE.

FORMULATED FOR
PLATTE CHEMICAL CO.
150 SO. MAIN STREET FREMONT, NEBRASKA 68025-5667