

11678-1

10/26/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Ms. P. Leanne Pruett
Makhteshim Chemical Works, Ltd
C/O Makhteshim Agan of North America, Inc
4515 Falls of Neuse Road, Suite 300
Raleigh, N.C. 27609

OCT 26 2009

Subject: Merpan Captan Technical
EPA Reg. No. 11678-1
Amended Labeling Adding New Uses
EPA Decision Number D421173
Your Application Dated 4/7/09

Dear Ms. Pruett:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable.

One copy of the label stamped "Accepted" is enclosed for your records. This label supersedes all labels previously accepted for this product. Please submit one copy of the final printed label before the product is released for shipment.

If you have any questions, please contact Janet Whitehurst by phone at (703) 305-6129 or via email at whitehurst.janet@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Tony Kish".

Tony Kish
Product Manager (22)
Fungicide Branch
Registration Division (7505P)

Enclosure

2015

MERPAN[®]

CAPTAN TECHNICAL

ACTIVE INGREDIENTS:	% BY WT.
Captan: N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide	90.85%
Related Derivatives:	2.0%
INERT INGREDIENTS:	7.15%
	TOTAL 100.00%

ACCEPTED

OCT 26 2009

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 11678-1

**KEEP OUT OF REACH OF CHILDREN
DANGER**

Manufactured for:
Makhteshim Chemical Works, Ltd.
 c/o Makhteshim Agan of North America, Inc.
 4515 Falls of Neuse Road, Suite 300
 Raleigh, NC 27609

EPA Reg. No. 11678-01

EPA Est. No. 11678-IS-001, 11678-SR-002

NET CONTENTS: _____ POUND(s).

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 for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the 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 further 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.
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact PROSAR at 1-877-250-9291 for emergency medical treatment information.</p> <p>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER**

CORROSIVE. Causes irreversible eye damage. May be fatal if inhaled. Harmful if absorbed through the skin. Do not get in eyes or on clothing. Avoid contact with skin. Do not breathe dust. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wear goggles or face shield when handling. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

3045

ENVIRONMENTAL HAZARDS

The product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
FOR FORMULATING USE ONLY. Formulators using this product are responsible for obtaining EPA registration of their formulation products.

Wettable powder formulations must prohibit aerial application on their end use product labels unless packaged in water soluble packets.

1. Only for formulation into a fungicide for the following sites of use:

SEED TREATMENTS

- Alfalfa
- Beans
- Beets
- Broccoli
- Brussels Sprouts
- Cabbage
- Cantaloupe
- Carrots
- Cauliflower
- Cereal Grains
 - Barley, Rye
 - Oats
 - Wheat
- Clover
- Collards
- Corn (field, pop, sweet)
- Cotton
- Cowpea

- Cucumbers
- Eggplant
- Flax
- Grasses
- Honeydew
- Kale
- Lentils
- Lespedeza
- Lettuce
- Melons
- Milo
- Muskmelons
- Mustard Greens
- Okra
- Onions
- Peanuts
- Peas
- Peppers
- Potato (Seed Piece)

- Pumpkins
- Radish
- Rape
- Rutabaga
- Safflower
- Sesame
- Sorghum
- Soybeans
- Spinach
- Squash
- Sugar Beets
- Sunflowers
- Swiss Chard
- Tomato
- Trefoil
- Turnip
- Watermelon

FOLIAR TREATMENT

- Almonds
- Apples
- Apricots
- Blackberries
- Blueberries

- Cherries
- Dewberries
- Grapes
- Nectarines
- Peaches

- Plums (Fresh Prunes)
- Raspberries
- Strawberries

POST-HARVEST DIP

- Apples

- Cherries

- Pears

PRE-PLANT ROOT DIP

- Peaches

NON-FOOD/ORNAMENTALS

- | | | |
|--|---|---|
| <ul style="list-style-type: none"> • Azaleas • Begonias • Camellias • Carnations • Chrysanthemums | <ul style="list-style-type: none"> • Conifers • Dichondra • Ginseng • Gladiolus | <ul style="list-style-type: none"> • Flowering Plants • Grasses • Roses • Turf (golf courses) and sod farms |
|--|---|---|

SOIL

- Seed beds and greenhouse bench treatment

INDOOR/INDUSTRIAL

- | | | |
|--|--|---|
| <ul style="list-style-type: none"> • Paints | <ul style="list-style-type: none"> • Plastics | <ul style="list-style-type: none"> • Adhesives |
|--|--|---|

This product may be used to formulate products for any additional use(s) not listed on the MP label if the formulator, user group, or grower has complied with U.S. EPA submission requirements regarding the support of such use(s).

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store the product in a cool, dry place.

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 HANDLING: Bag: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling if available, or 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.

Unlined Drum: Nonrefillable container. Do not reuse or refill this container. Completely empty drum into application equipment. Offer for recycling if available, or dispose of empty drum in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Lined Drum: Refillable container. Refill this container with captan only. Do not reuse this container for any other purpose. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

In case of minor spills, follow all precautions indicated above and clean up immediately. Sweep up and dispose of wastes and broken or empty containers in a landfill approved for pesticide use.

FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK, OR FIRE), CALL INFOTRAC AT 1-800-535-5053.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks 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 Makhteshim Chemical Works, Ltd. All such

risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Makhteshim Chemical Works, Ltd. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Makhteshim Chemical Works, Ltd. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Makhteshim Chemical Works, Ltd. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Makhteshim Chemical Works, Ltd.'s election, the replacement of product.

Merpan Captan Technical (11678-01)(EPA prop- amend. 4-7-09)