



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

11678-80

Date of Issuance:

6/23/20

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Merpan Captan 1 Technical

Name and Address of Registrant (include ZIP Code):

Patricia O'Reilly  
ADAMA Makhteshim Ltd  
3120 Highwoods Blvd  
Suite 100  
Raleigh, NC 27604

**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. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered 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. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Lindsay Roe, Product Manager 22  
Fungicide Branch, Registration Division (7505P)

Date:

6/23/20

2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 11678-80.”
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSF:

- Basic CSF dated 06/16/2020

If you have any questions, please contact Kathryn Meyer by phone at 703-347-8277, or via email at [meyer.kathryn@epa.gov](mailto:meyer.kathryn@epa.gov).

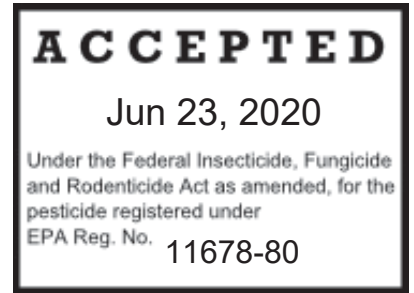
Enclosure

# MERPAN<sup>®</sup> CAPTAN 1 TECHNICAL

ACTIVE INGREDIENT:	% BY WT.
Captan: N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide.....	98.40%
OTHER INGREDIENTS:.....	1.6%
TOTAL:	100.0%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

**Manufactured for:**  
ADAMA Makhteshim Ltd.  
c/o Makhteshim Agan of North America, Inc (d/b/a ADAMA),  
3120 Highwoods Blvd., Suite 100  
Raleigh, NC 27604



EPA Reg. No. 11678-IN

EPA Est. No.

**NET CONTENTS: \_\_\_\_ POUND(S)**

### FIRST AID

<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. For 24-hour medical assistance/medical treatment information contact PROSAR at 1-877-250-9291. <b>NOTE TO PHYSICIAN:</b> Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

**IN CASE OF SPILLS, FIRE, LEAKS OR ACCIDENT, CALL INFOTRAC AT 1-800-535-5053**

**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. Do not breathe dust. Avoid contact with skin. 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. Wear long-sleeved shirt and long pants, shoes plus socks, waterproof gloves, appropriate protective eyewear and a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N, R, or P filter; OR a NIOSH-approved powered air purifying respirator with HE filters.

**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**

<ul style="list-style-type: none"> <li>• Alfalfa</li> <li>• Beans</li> <li>• Beets</li> <li>• Broccoli</li> <li>• Brussels Sprouts</li> <li>• Cabbage</li> <li>• Cantaloupe</li> <li>• Carrots</li> <li>• Cauliflower</li> <li>• Cereal Grains               <ul style="list-style-type: none"> <li>- Barley, Rye</li> <li>- Oats</li> <li>- Wheat</li> </ul> </li> <li>• Clover</li> <li>• Collards</li> <li>• Corn (field, pop, sweet)</li> <li>• Cotton</li> <li>• Cowpea</li> </ul>	<ul style="list-style-type: none"> <li>• Cucumbers</li> <li>• Eggplant</li> <li>• Flax</li> <li>• Grasses</li> <li>• Honeydew</li> <li>• Kale</li> <li>• Lentils</li> <li>• Lespedeza</li> <li>• Lettuce</li> <li>• Melons</li> <li>• Milo</li> <li>• Muskmelons</li> <li>• Mustard Greens</li> <li>• Okra</li> <li>• Onions</li> <li>• Peanuts</li> <li>• Peas</li> <li>• Peppers</li> <li>• Potato (Seed Piece)</li> </ul>	<ul style="list-style-type: none"> <li>• Pumpkins</li> <li>• Radish</li> <li>• Rape</li> <li>• Rutabaga</li> <li>• Safflower</li> <li>• Sesame</li> <li>• Sorghum</li> <li>• Soybeans</li> <li>• Spinach</li> <li>• Squash</li> <li>• Sugar Beets</li> <li>• Sunflowers</li> <li>• Swiss Chard</li> <li>• Tomato</li> <li>• Trefoil</li> <li>• Turnip</li> <li>• Watermelon</li> </ul>
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### FOLIAR TREATMENT

<ul style="list-style-type: none"><li>• Almonds</li><li>• Apples</li><li>• Apricots</li><li>• Blackberries</li><li>• Blueberries</li></ul>	<ul style="list-style-type: none"><li>• Cherries</li><li>• Dewberries</li><li>• Grapes</li><li>• Nectarines</li><li>• Peaches</li></ul>	<ul style="list-style-type: none"><li>• Plums (Fresh Prunes)</li><li>• Raspberries</li><li>• Strawberries</li></ul>
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### POST-HARVEST DIP

<ul style="list-style-type: none"><li>• Apples</li></ul>	<ul style="list-style-type: none"><li>• Cherries</li></ul>	<ul style="list-style-type: none"><li>• Pears</li></ul>
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### PRE-PLANT ROOT DIP

<ul style="list-style-type: none"><li>• Peaches</li></ul>	
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### NON-FOOD/ORNAMENTAL

<ul style="list-style-type: none"><li>• Azaleas</li><li>• Begonias</li><li>• Camellias</li><li>• Carnations</li></ul>	<ul style="list-style-type: none"><li>• Chrysanthemums</li><li>• Conifers</li><li>• Dichondra</li><li>• Ginseng</li></ul>	<ul style="list-style-type: none"><li>• Gladiolus</li><li>• Flowering Plants</li><li>• Grasses</li><li>• Roses</li></ul>
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### SOIL

<ul style="list-style-type: none"><li>• Seed beds and greenhouse bench treatment</li></ul>
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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. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning the container before refilling is the responsibility of the refiller. To clean the container before final disposal, 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.

### 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 ADAMA. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, ADAMA 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 ADAMA is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, ADAMA 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 ADAMA's election, the replacement of product.

Merpan is a registered trademark of an ADAMA group company.

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