

Reg # 56336-7

PM-18

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 56336-7	DATE OF ISSUANCE
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Checkmate™ TPW Technical Pheromone	

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
 (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Consep Membranes, Inc.  
 213 SW Columbia Street  
 Bend, OR 97702

415,816  
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NOTE: Changes in labeling formula 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 U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase, "EPA Registration No. 56336-7" to your label before you release the product for shipment.
3. Modify the Environmental Hazards statements on the label to read as follows.  
  
**Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public water unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.**
4. Change "Related Materials" to "Inert Ingredients" in the ingredients statement of the label.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL <i>See P. 2</i>	DATE 4/10/52
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5. Modify the precautionary statements on the label to read as follows.

**Avoid contact with skin, eyes, or clothing. In case of contact flush with water. Get medical attention if irritation persists. Avoid breathing vapors or spray mist. Causes moderate eye injury. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.**

6. Modify the storage and disposal section on the label by doing the following.

a) Delete "of on-site" from the pesticide disposal section.

b) Move "Do not contaminate water, food or feed by storage and disposal." so that it is directly under the storage and disposal heading.

c) Add a container disposal section which addresses each type of container to be used. Please refer to PR Notice 83-3. Labels used in commerce need only have that container disposal language applicable to the container being labeled.

7. Submit an acute inhalation study on this product per 40 CFR 158.690, Guideline Reference No. 152-12.

8. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Phil Hutton  
Product Manager 18  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

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START OF FRONT (LEFT) PANEL

**CheckMate™ - TPW**

A Biochemical for Mating Disruption of  
Tomato Pinworm (Keiferia lycopersicella).

**Active Ingredients:**

(E)-4-Tridecen-1-yl Acetate . . . . .	2.84%
(Z)-4-Tridecen-1-yl Acetate . . . . .	0.09%
Related Materials . . . . .	0.09%
Inert Materials . . . . .	96.98%
TOTAL. . . . .	100.00%

Net Weight: 48 mg Active Ingredients per Dispenser

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN OR IN EYES - Avoid contact with skin, eyes or clothing. In case of contact, flush eyes or skin with plenty of water. Obtain medical attention if irritation persists. Wash thoroughly with soap and water after handling.

**Manufactured by:**

Consep Membranes, Inc.  
213 Southwest Columbia  
Bend, Oregon 97708  
Fax (503) 388-3705

EPA Establishment No. 56336-OR-1  
EPA Registration No. 56336-  
Net Contents: 500 Dispensers

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

APR 13 1992

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

56336-7

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS  
(and Domestic Animals)**

**CAUTION**

Avoid prolonged contact of pheromone reservoir inside dispenser with skin, eyes or clothing. In case of contact flush with water. Get medical attention if irritation persists.

**ENVIRONMENTAL HAZARDS**

Keep out of lakes, ponds or streams. Do not contaminate water by disposal of wastes.

END OF FRONT (LEFT) PANEL/ START OF RIGHT PANEL

**DIRECTIONS FOR USE - General Classification**

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

**STORAGE AND DISPOSAL**

**STORAGE** - Store container in cool place until used. **PESTICIDE DISPOSAL** - Do not contaminate water, food or feed by storage or disposal. Wastes resulting from use of this product may be disposed of on-site or at an approved waste disposal facility.

**CONTAINER DISPOSAL** - Do not reuse box or bag.

**CHECKMATE™ TPW** is a behavior modifying biochemical pesticide (pheromone), which functions by mating disruption, to be used in control of tomato pinworm (Keiferia lycopersicella).

**RECOMMENDED APPLICATION:** For use on tomatoes. The recommended rate of application of **CHECKMATE™ TPW** is 200 dispensers per acre (500 dispensers per hectare). Each application is effective for 75 days. Apply the first application early in the season, after the first tomato pinworm moth is detected with a pheromone trap, such as **BIOLURE®**. The first application should not be later than 2

**BEST AVAILABLE COPY**

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weeks after seedlings have been transplanted, unless low pest levels are detected in traps. The **BIOLURE®** Technical Bulletin contains suggestions for trap placement. Monitor for insect infestation with traps and by visual inspection of leaves and fruit. Re-apply **CHECKMATE™ TPW** every 75 days or sooner, as based on monitoring results and field scouting. Product life has usually ended when traps in a treated field start to catch insects. **CHECKMATE™ TPW** is best used to treat low populations of tomato pinworm and prevent their increase. Treatment of high pest populations will have a reduced effectiveness.

**METHODS OF APPLICATION:** Apply one dispenser by hand to support poles or wires every 14 <sup>3</sup>/<sub>4</sub>' (4.5 meters). In a normal planting, this is every 5th pole in every 2nd row. Special equipment is not required to apply **CHECKMATE™ TPW**. Wrap the dispenser around the wire, passing one end of the dispenser through the hole in the other end. The dispenser does not need to come in contact with the tomato fruit to be effective. Place dispensers 3' to 6' (1 to 1½ meters) above the ground, at or near the top of the plants. Best results occur when dispensers are evenly distributed throughout the field.

**RATE OF APPLICATION IS 200 DISPENSERS PER ACRE**  
**(500 DISPENSERS PER HECTARE)**

Wash hands after completion. Do not handle other types of insect lures before or after dispenser placement without thoroughly washing hands. Set tomato pinworm monitoring traps before handling **CHECKMATE™ TPW**. Monitor treatments carefully, especially for secondary pests such as tomato hornworm or tomato fruitworm.

Re-seal containers immediately after use, store unused product in a refrigerator or freezer. Do not use **CHECKMATE™ TPW** from damaged, punctured or unsealed containers.

**WARRANTY AND LIMITATION OF DAMAGES**

Consep Membranes, Inc. warrants that this material conforms to the chemical description on the label. Consep Membranes, Inc. neither makes, nor authorizes any agent or representative to make, any other warranty of fitness or of merchantability, guarantee or representation, express or implied, concerning this material. Consep Membranes, Inc.'s maximum liability for breach of this warranty shall not exceed the purchase price of this product. Buyer and user acknowledge and assume all risks and liability resulting from the handling, storage and use of this material, whether in accordance with directions or not.

02-76M-2/90

Lot No. \_\_\_\_\_

