

499-560

9/20/2012

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## U S ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7504P)  
1200 Pennsylvania Ave N W  
Washington D C 20460 0001

EPA Reg Number

499-560

Date of Issuance

SEP 20 2012

## NOTICE OF PESTICIDE

☒ Registration

☐ Reregistration  
(under FIFRA as amended)

Term of Issuance

Unconditional

Name of Pesticide Product

TC-320 Total Release Fogger

## Name and Address of Registrant (include ZIP Code)

Whitmire Micro-Gen Research Laboratories, Inc  
3568 Tree Court Industrial Boulevard  
St Louis, MO 63122-6682

**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 (FIFRA)

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 section 3(c)(5) of FIFRA provided that you

- 1 Submit and/or cite all data required for registration of your product under section 3(c)(5) of FIFRA when the Agency requires all registrants of similar products to submit such data, and submit acceptable responses required for reregistration of your product under section 4 of FIFRA

(continued on page 2)

Signature of Approving Official

Date

Refer to Page #3

Richard J Gebken Product Manager (10)  
Insecticide Branch Registration Division (7504P)

SEP 20 2012

2 Make the following change to the label

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- a Change the product registration number to EPA Reg No 499 560
- b Make the following label revisions

General Comment(s)

- 1 Delete all text throughout the label marked with ~~strikethrough~~
- 2 All label language related to the proposed use of this total release fogger (TRF) product in non-food areas of food handling establishments (FHEs) must be removed from the subject label Whitmire Micro-Gen Research Laboratories Inc did not submit any dinotefuran residue data to support this use site Use of a fogger in the non food areas of a FHE can result in dinotefuran residues in food areas
- 3 To facilitate inclusion of label language from the Agency's guidance Required Label Language for Indoor Total Release Fogger Products dated March 23 2010, and Update on Required Label Language for Indoor Total Release Fogger Products dated July 6 2011 you must do the following
  - Include label statements in both English and Spanish Verify that the Spanish language text is true and accurate translation of the English text and submit a verification statement to EPA Include both language versions of the labeling on the product container
  - Provide door knob hang-tags at the point of sale with a space for customers to write-in when the entry restriction time has expired For example the text on the hang-tag could state ' Do not enter until [space for time] on [space for date]

Precautionary Statements Personal Protective Equipment (PPE) subsection comment(s)

- 4 To facilitate inclusion of required label language from the REDs for pyrethrins and piperonyl butoxide (combined label table) you must insert the following text immediately following the 2<sup>nd</sup> sentence within this subsection to read Keep and wash PPE separately from other laundry

Directions for Use, FOR USE IN subsection comment(s)

- 5 To facilitate inclusion of required label language from the REDs for pyrethrins and piperonyl butoxide (combined label table), within the FOR USE IN subsection, you must revise the listing of and Zoos to read Zoos Dairy Barns Dairy Parlors Enclosed Calf Structures Horse Stables Riding Arenas and Swine Facilities

Directions for Use, USE RESTRICTIONS subsection comment(s)

- 6 To facilitate inclusion of required label language from the REDs for pyrethrins and piperonyl butoxide (combined label table), you must make the following changes within this subsection
  - Revise the existing 4<sup>th</sup> bulleted use restriction to read **"This product is not for use in food and/or non-food areas of food handling establishments"**
  - Insert the following new bulleted use restriction immediately following the existing 6<sup>th</sup> bulleted statement to read Remove all livestock animals prior to treatment

Directions for Use, TO USE THIS PRODUCT CORRECTLY subsection comment(s)

- 7 To facilitate inclusion of label language from the Agency's guidance Required Label Language for Indoor Total Release Fogger Products dated March 23 2010, and Update on Required Label Language for Indoor Total Release Fogger Products dated July 6 2011 you must make the following changes
  - Replace all instances of the words "[insert pictogram]" [insert pictograms], and "[insert Clock pictogram]" with the correct EPA pre-approved pictograms prior to submission of the final labeling for this product
  - Insert the following text immediately preceding the **Before You Fog** subsection Fill out and place hang tag on the door leading to the treated area to alert family and others with access to the treated area not to enter for 2 hours
  - Insert the text statement Remove all open animal feed and water or cover exposed animal feed and water sources in area to be treated [insert pictogram]" immediately following the existing statement starting with Remove or cover exposed foods
  - Insert the text statement 'Prior to application remove ALL animals from area to be treated immediately following the existing statement starting with Remove pets and birds cover and

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- 3 You must submit two (2) copies of the revised final printed labeling incorporating the above changes, before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with section 6(e) of FIFRA. Your release for shipment of the product bearing amended labeling constitutes accepting of these conditions.

Should you wish to add/retain a reference to the company's website on your label, please be aware that the website becomes labeling under FIFRA 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 section 12(a)(1)(E) of FIFRA. 40 CFR section 156.10(a)(5) lists 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 be substantially different 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 EPA's Office of Enforcement and Compliance Assurance (OECA). As an alternative, you may refer consumers to the company's phone number or e-mail address.

A copy of your label stamped "Accepted with Comments" as well as hard copies of the acute toxicity, EFED, efficacy, HED, and product chemistry reviews completed for this product are enclosed for your reference and file. If you have any questions, please contact Mr. Carmen J. Rodia, Jr. at (703) 306-0327 or via e-mail at [Rodia.Carmen@epa.gov](mailto:Rodia.Carmen@epa.gov).

Sincerely yours,



Richard J. Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7504P)

*Enclosures*

*Label Stamped "Accepted with Comments" dated September 20, 2012  
Acute Toxicity Review dated March 20, 2012  
Efficacy Review dated May 21, 2012  
HED Memo for Dimetofuran dated August 31, 2012  
HED Memo for Piperonyl Butoxide dated August 30, 2012  
HED Memo for Pyrethrins #1 dated August 28, 2012  
HED Memo for Pyrethrins #2 dated September 20, 2012  
Product Chemistry Review dated March 15, 2012*

000499 00560 D449845

# TC-320

## Total Release Fogger

[Alternate Brand Name: 2222]

One 6 oz can treats up to 5,000 ft<sup>3</sup> of unobstructed space  
(25 x 25 x 8 ceiling)

**KILLS** Ants (excluding Carpenter Fire Harvester & Pharaoh) Carpet Beetles Crickets Darkling Beetles Earwigs Fleas House Flies Mosquitoes (Southern House) Pillbugs Rice Weevils Sawtoothed Grain Beetles Silverfish Small Flying Moths Stable Flies Ticks (Brown Dog) and Wasps

### ACTIVE INGREDIENTS

Pyrethrins a botanical insecticide  
Dinotefuran N methyl N [(tetrahydro 3 furanyl)methyl]guanidine  
Piperonyl butoxide

### OTHER INGREDIENTS

\* (butylcarbityl) (6 propylpiperonyl) ether and related compounds

**ACCEPTED**  
**With COMMENTS**  
In EPA Letter Dated September 20, 2012  
Under the Federal Insecticide, Fungicide and Rodenticide Act, As amended, for the pesticide Registered under EPA Reg No 499-560

0 5%
0 2%
4 0%
95 3%
<b>TOTAL 100 0%</b>

## KEEP OUT OF REACH OF CHILDREN

## CAUTION

[Alternate text See side panel(s)/inside booklet for First Aid Precautionary Statements Directions for Use and Storage and Disposal]

EPA Reg No 499-560 • EPA Est No 7969 MO 1

**NET WEIGHT 6 oz**

### FIRST AID

**IF IN EYES** Hold eyes open and rinse slowly and gently with water for 15 – 20 min Remove contact lenses if present after the first 5 min then continue rinsing Call a poison control center or doctor for treatment advice

Have the product container label with you when calling a poison control center or doctor or going for treatment For information on this pesticide product (including health concerns medical emergencies or pesticide incidents) you may call 1-800 832 HELP (4357) 24hr/day 7 days/week

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION** Causes moderate eye irritation Avoid contact with eyes or clothing Wash hands thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet Breathing spray mist may be harmful

**PERSONAL PROTECTIVE EQUIPMENT (PPE)** Applicators and other handlers must wear the following Long sleeve shirt long pants socks and shoes

**USER SAFETY REQUIREMENTS** Follow manufacturer s instructions for cleaning/maintaining PPE If no such instructions for washables exist use detergent and hot water

### USER SAFETY RECOMMENDATIONS

Users should

- Wash hands before eating drinking chewing gum using tobacco or using the toilet
- Remove contaminated clothing/PPE immediately if pesticide gets inside then wash thoroughly and put on clean clothing
- Remove PPE immediately after handling this product As soon as possible wash thoroughly and change into clean clothing

### PHYSICAL OR CHEMICAL HAZARDS

**Flammable** Contents under pressure Keep away from heat sparks and open flame Do not puncture or incinerate container Exposure to temperatures above 130 F may cause bursting This product contains a highly flammable ingredient It may cause a fire or explosion if not used properly Follow the Directions for Use on this label very carefully



Highly Flammable Ingredient  
Ingrediente Altamente Inflamable

### DIRECTIONS FOR USE ~~(GIG Market)~~

**IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING**

**FOR USE IN** Apartments Attics Buses ~~Nonfood areas of Food Handling Establishments (including Restaurants Food Service Storage and Processing Areas and USDA Inspected Facilities)~~ Garages Homes Hospitals Nursing Homes Office Buildings Railroad Cars Schools Ships Supermarkets Empty Truck Trailers Warehouses and Zoos

**USE RESTRICTIONS**

- Apply this product only as specified on this label
- **THIS PRODUCT IS FOR INDOOR USE ONLY**
- **This product does not control bed bugs**
- ~~▪ Do not use this product in food areas of food handling establishments~~
- Do not apply this product in a way that will contact workers or other persons either directly or through drift. Only protected applicators may initiate application. Do not remain in treated area. Exit area immediately and remain outside the treated area for at least 2 hr until aerosols vapors and/or mists have dispersed.
- Remove pets and birds and turn off fish aquariums before application.
- When using in homes, remove or cover exposed food and drinking water in the treatment area before application. Remove or cover dishes utensils, food processing equipment and food preparation surfaces or wash them before use. Do not use in serving areas while food is exposed.
- ~~▪ When using in food handling and processing facilities, use only in the non food areas (such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage areas (after canning or bottling)). Do not make applications when facility is in operation.~~
- Do not apply this product in hospital rooms while occupied or in any rooms occupied by the elderly or infirm. Remove patients from room prior to treatment and thoroughly ventilate (2 hr) after application. Do not return patients to room until after ventilation.
- Do not apply in classrooms while in use. Vacate the classroom prior to initiating application. Thoroughly ventilate (2 hr) after application and do not reoccupy until after ventilation.
- Do not apply more than 1 time/day.

**TO USE THIS PRODUCT CORRECTLY**

Do not use more than 1 fogger per room [insert pictogram]

Do not use in small enclosed spaces such as closets, cabinets or under counters or tables [insert pictogram]. Use of a fogger in an enclosed space may cause the product to explode, resulting in injury to people or damage to property.

Do not use in a room 5 ft x 5 ft or smaller. Instead, allow fog to enter from other rooms.

**Before You Fog**

Open cabinets, cupboards, drawers, closets and doors in areas to be treated.

Remove or cover exposed foods, drinking water, dishes, utensils, food processing equipment and surfaces [insert pictogram].

Remove pets and birds, cover and turn off fish aquariums before initiating application. Turn off air flow systems in aquariums.

Cover waxed wood floors, waxed furniture and plastic dust covers in the immediate area surrounding the fogger (newspaper may be used).

Close outside doors and windows.

Turn off ALL ignition sources such as pilot lights (shut off gas valves), other open flames or running electrical appliances that cycle off and on (i.e. refrigerators, thermostats, etc.) [insert pictograms]. Call your gas utility or management company if you need assistance with your pilot lights.

Fill out and place hang tag on the door leading to the treated area to alert family and others with access to the treated area not to enter for 2 hr.

**To Start Fogging**

Place a chair, table or stand in the center of the room to be fogged. Cover with several layers of newspaper, paper towels or plastic tarp.

Tilt can AWAY from face (container sprays straight up). Press tab down in locked position to initiate application. Set fogger on covered stand.

**Vacate the treated house, individual apartment or other structure immediately. Do not reenter for 2 hr** [insert pictogram]

**Airing Out**

Wait 2 hr after application (until aerosols and vapors have dispersed) then thoroughly ventilate either mechanically or with natural airflow by opening windows, vents and doors before reentering. If an odor is still detected, additional ventilation is required [insert pictogram].

~~**FOOD HANDLING ESTABLISHMENTS**~~

~~Food handling establishments are places other than private residences in which food is held, processed, prepared or served.~~

~~**FOOD AREAS** include areas for receiving, serving, storing (dry, cold, frozen, raw), packing (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups).~~

~~**NON-FOOD AREAS** include areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage areas (after canning or bottling).~~

~~Use of this product is limited to non food areas only.~~

~~**DIRECTIONS FOR USE [Animal Health Market]**~~

~~**IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.**~~

~~**FOR USE IN: Dairy Barns, Dairy Parlors, Enclosed Calf Structures, Horse Stables, Riding Arenas and Swine Facilities.**~~

~~**USE RESTRICTIONS**~~

- ~~▪ Apply this product only as specified on this label.~~
- ~~▪ THIS PRODUCT IS FOR INDOOR USE ONLY.~~
- ~~▪ This product does not control bed bugs.~~

- ~~■ Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected applicators may initiate application. Do not remain in treated area. Exit area immediately and remain outside the treated area for at least 2 hr until aerosols, vapors and/or mists have dispersed.~~
- ~~■ Remove animals prior to application.~~
- ~~■ Do not apply more than 1 time/day.~~

**~~TO USE THIS PRODUCT CORRECTLY~~**~~Do not use more than 1 fogger per 5 000 ft<sup>3</sup> [insert pictogram].~~~~Do not use in small enclosed spaces such as closets, cabinets or under counters or tables [insert pictogram]. Use of a fogger in an enclosed space may cause the product to explode resulting in injury to people or damage to property.~~~~Do not use in a room 5 ft x 5 ft or smaller. Instead, allow fog to enter from other rooms.~~~~Fill out and place hang tag on the door leading to the treated area to alert others with access to the treated area not to enter for 2 hr.~~**~~Before You Fog~~**~~Remove all open animal feed and water or cover exposed animal feed and water sources in area to be treated [insert pictogram].~~~~Remove all animals from area to be treated.~~~~Close all outside doors, windows and vents.~~~~Turn off ALL ignition sources such as pilot lights (shut off gas valves), other open flames or running electrical appliances that cycle off and on (i.e. refrigerator thermostats, etc.) [insert pictogram]. Call your gas utility or management company if you need assistance with your pilot lights.~~**~~To Start Fogging~~**~~For larger areas, calculate the number of cans required to adequately cover the volume of the room by using 1 can/5 000 ft<sup>3</sup>. If using more than 1 can, place each can in the center of each 5 000 ft<sup>3</sup> area to be treated, elevating the cans, if possible, to within 3 – 5 ft of the ceiling.~~~~Starting with the furthest can from the exit, tilt can AWAY from face (container sprays straight up). Press tab down in locked position to initiate application and set can upright onto elevated surface. Quickly move down to the next can and repeat until all cans have been activated.~~~~Vacate the treated. Do not reenter for 2 hr. [insert Clock pictogram].~~**~~Airing Out~~**~~Wait 2 hr after application (until aerosols and vapors have dispersed), then thoroughly ventilate either mechanically or with natural airflow by opening windows, vents and doors before reentering or returning animals. If an odor is still detected, additional ventilation is required [insert pictogram].~~**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE** Store in a cool, dry (preferably locked) place away from heat or open flame in an area that is inaccessible to children and animals.**PESTICIDE 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 puncture or incinerate! **If empty** Place in trash or offer for recycling, if available. **If partly filled** Call your local solid waste agency for disposal instructions.Contains no CFCs or other ozone depleting substances.  
Federal regulations prohibit CFC propellants in aerosols.**CONDITIONS OF SALE AND WARRANTY**

Follow the **Directions for Use**. It is impossible to eliminate all risks inherently associated with use of this product, and therefore all such risk shall be assumed by the Buyer. Whitmire warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use**, subject to the inherent risks referred to above. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW (A) WHITMIRE MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY. (B) BUYER'S EXCLUSIVE REMEDY AND WHITMIRE'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT. AND (C) WHITMIRE AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Whitmire and the Seller offer this product, and the Buyer accepts it, subject to these **Conditions of Sale and Warranty**, which may be varied only by agreement in writing signed by a duly authorized representative of Whitmire.

Manufactured for  
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