



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

EPA Reg. Number:

8329-114

Date of Issuance:

10/15/2020

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Spinova DT

Name and Address of Registrant (include ZIP Code):

Clarke Mosquito Control Products, Inc.
675 Sidwell Court
St. Charles, IL 60174

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.
2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 8329-114."

Signature of Approving Official:

Michael Walsh, Product Manager 11
Invertebrate Vertebrate Branch 2, Registration Division (7505P)

Date:

10/15/2020

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.

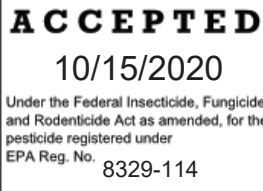
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record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

- Basic CSF dated 12/21/2018

If you have any questions, please contact Virna Stillwaugh by phone at 703-347-8506, or via email at Stillwaugh.Virna@epa.gov.

Attachment

(text in brackets [] indicates optional text)



8329-RRU.101420

Spinova DT

SPINETORAM	GROUP	5	INSECTICIDE
------------	-------	----------	-------------

[For Outdoor Use]
 [For [use in] [garden ponds] [bird baths] [fish ponds] [water gardens] [rain barrels] [rainbarrels] [fountains] [ornamental pools] [roof gutters] [and] standing water]]
 [Kills [larvae of mosquitoes] [mosquito larvae] which may transmit [Zika,] [West Nile Virus,] [Eastern Equine Encephalitis,] [EEE,] [St. Louis Encephalitis,] [SLE,] [Dengue,] [or] [Chikungunya]
 [Kills [Aedes spp.][Aedes aegypti][Culex spp.][Culex quinquefasciatus][Anopheles quadrimaculatus][Anopheles spp.]]larvae]
 [Targets mosquito larvae]
 [[Tablet][Treatment] Spinova DT] stays where you [put][place] it]
 [[Tablet][Treatment] Spinova DT] sinks to treat [entire] [all the] water [column]] when used as directed
 [No [mixing] [or] [measuring] needed, simply [apply] [place] [drop] in standing water]
 [Kills mosquito larvae in treated areas]
 [Mosquito larvae in the treated water will die]
 [Easy to Apply]
 [Won't [Will Not] Float Away]
 [No Float Design]
 [Can be [applied to] [used in] ornamental ponds that contain Fish and Plants]
 [Spinetoram is derived from a naturally occurring soil organism [bacterium]]
 [Kills mosquito larvae in standing [stagnant] water [where adult mosquitoes breed]]
 [Kills mosquito larvae] before they [bite] [can become] [are] [biting] [adults]]
 [[Kills][Treats] mosquito larvae at the source]
 [Mosquito Larvicide]
 [[Apply][Use in][Place in][Drop in][Treat] standing [stagnant] water [to kill mosquito larvae] [where mosquitoes breed] [in or around your [house] [yard] [property]]]

Active Ingredient:	
Spinetoram (a mixture of Spinetoram-J and Spinetoram-L)	1.00%
Other Ingredients	<u>99.00%</u>
Total	100.00%
<p>Contains 0.0172 gram Spinetoram per extended-release tablet. This product may absorb moisture; therefore, the weight of the tablet and percent by weight of active ingredient will vary with hydration.</p>	

Keep Out of Reach of Children

CAUTION

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 a 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 1-800-214-7753 for emergency medical treatment information.</p>	

*{*Note to reviewer: if the First Aid section does not appear on the front panel, the following statement will appear "see [inside booklet] [other panel] for First Aid"}*

Precautionary Statements

Hazards to Humans and Domestic Animals

Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Environmental Hazards

This product is toxic to aquatic invertebrates. Non-target aquatic invertebrates may be killed in waters where this pesticide is used. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

Directions for Use

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

[Product Information]

[Through a single mosquito bite, adult mosquitoes may pose a serious threat to people and animals by transmitting [Zika,] [West Nile Virus,] [Eastern Equine Encephalitis,] [EEE,] [St. Louis Encephalitis,] [SLE,] [Dengue,] [or] [Chikungunya] [and other viruses that may cause encephalitis.]]

[Emptying or discarding small containers that are holding water will ensure the best results.] [In instances where small containers cannot be emptied or discarded, using [Spinova DT] [this product] is a simple and effective way to kill developing mosquito larvae before they become breeding and biting adults.]

[[Spinova DT] [This product] is a [uniquely engineered], [patented] tablet for use in mosquito breeding sites. [[Spinova DT's] [This product's] active ingredient, spinetoram, is derived from the fermentation of *Saccharopolyspora spinosa*, a naturally occurring soil organism.]

Product Use Precautions

Integrated Pest Management (IPM) Programs

Spinova DT is intended to kill mosquito larvae. Mosquitoes are best controlled when an IPM program is followed. Larval control efforts should be managed through habitat mapping, active adult and larval surveillance, and integrated with other control strategies such as source reduction, public education programs, harborage or barrier adult mosquito control applications, and targeted adulticide applications.

Insecticide Resistance Management (IRM)

Spinova DT contains a Group 5 insecticide. Insect biotypes with acquired resistance to Group 5 insecticides may eventually dominate the insect population if appropriate resistance management strategies are not followed. Currently, only spinetoram and spinosad active ingredients are classified as Group 5 insecticides. Resistance to other insecticide groups is not likely to impact the effectiveness of this product. Spinetoram may be used in rotation with all other labeled products in a comprehensive IRM program.

To minimize the potential for resistance development, the following practices are recommended:

- Base insecticide use on comprehensive IPM programs and IRM programs.
- Do not use less than the labeled rates.

- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or Clarke [Mosquito Control] representative.
- Rotate with other labeled effective mosquito larvicides with different modes of action.
- Use insecticides with a different mode of action (different insecticide group) on adult mosquitoes so that both larvae and adults are not exposed to products with the same mode of action.
- Contact your local extension specialist, technical advisor, and/or Clarke [Mosquito Control] representative for insecticide resistance management and/or IPM recommendations for the specific site and resistant pest problems.
- For further information or to report suspected resistance, contact your Clarke [Mosquito Control] representative by calling 800-323-5727.

Application Directions

[Spinova DT] [This product] can be used in containers and natural containerized water sites [around your home] to kill mosquito larvae. [[Spinova DT] [This product] can be applied as a preventative action (pre-flood treatment) before [containers][sites] fill with water.] [[Spinova DT] [This product] may also be used in [containers][sites] that intermittently fill with water; [Spinova DT] [this product] will stop working when dry, and begin working again when re-wetted.] [Spinova DT] Reapply every 100 days. More frequent treatments can be made if indicated by monitoring that larvae populations have re-established. Environmental conditions, such as dilution from rainfall, may impact performance.

Restrictions

Do not apply directly to treated, finished drinking water supply systems. Do not apply to waters that drain into public waterways.

[In New York State, this product is only for use in containerized sites with no outflow to the natural environment.]

Application Sites

[Water containers include] [drums,] [storage tanks,] [jars,] [buckets,] [garbage cans,] [wheelbarrows,] [rain barrels,] [ornamental fish ponds,] [garden ponds,] [water gardens,] [ornamental pools or fountains,] [unused or abandoned swimming pools,] [pool covers,] [bird baths,] [old tires,] [flower pots] [and planters,] [urns,] [tree holes] [and other parts of plants that can collect water such as leaf axils,] [rock holes,] [pot holes,] [floor drains,] [roof gutters,] [roof top catchments,] [landfill containers,] [abandoned vehicles,] [boats,] [tires,] [tire tracks] [and other natural or man-made depressions,] [and other water-holding receptacles]

*{*Note to reviewer: One or more of these listed sites will appear on the final product label.}*

Application Rates

Draining or discarding small containers that hold water is the most effective method for preventing mosquito breeding. To treat water containers that cannot be drained or discarded, use 1 tablet to treat up to [200 liters] [52 gallons].

If [gallons] [liters] of water are not easy to determine, use [this] [the] table [below] [to the right] [to the left] [on the next panel] [on the front] [on the back] to determine the application rate for [1][one][each] tablet.

Application Chart	
[Average] Water Depth [(in.)] [(inches)]	[Approximate] Surface Area [(sq.ft.)] [(ft ²)]
8	10
4	20
2	40
1	80

[For applications to contained sites smaller than a rate of [1] [one] tablet per [200 liters] [52 gallons], use [1] [one] tablet per contained site [(e.g., cesspools and septic tanks, transformer vaults, abandoned pools, and other small artificial water-holding containers)].]

Storage and Disposal

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

Pesticide Storage: Store in a cool dry place in original container only.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or dispose of empty container in a sanitary landfill or by other procedures approved by State and local authorities.

[Warranty]

To the extent consistent with applicable law CLARKE MOSQUITO CONTROL PRODUCTS, INC. makes no warranty, express or implied, concerning the use of this product other than as indicated on the label. Buyer assumes all risk of use/handling of this material when use and/or handling is contrary to label instructions.]

EPA Reg. No. 8329-RRU
EPA Est. No.

**Produced [for] [by]
Clarke Mosquito Control Products, Inc.
159 N. Garden Ave.
Roselle, IL 60172
U.S.A.
1-800-323-5727**

Net Weight: _____
[Net Contents: _____]
[Tablet Weight: 1.72g]
Lot/Batch Code: _____