



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 30, 2016

Terrie Moore
Regulatory Affairs Manager
Bayer CropScience, Environmental Science Division
2 TW Alexander Drive
RTP, NC 27709

Subject: Notification per PRN 98-10 – Addition of Referral Statement
Product Name: SPECTICLE TOTAL
EPA Registration Number: 432-1532
Application Date: 9/15/2016
Decision Number: 521498

Dear Ms. Moore:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

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 you have any questions, you may contact Sarah Meadows at 703-347-0505 or via email at meadows.sarah@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Sarah Meadows". To the right of the signature, the letters "FOR" are written in a stylized, blocky font.

Reuben Baris, Product Manager 25
Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs

SPECTICLE TOTAL

[ABN:Finale EZ; Finale Total; Finale Complete; Finale Plus, Specticle EZ; Specticle Complete; Specticle Plus; Specticle Total Non- Selective Herbicide]

- Editorial Note – Marketing claim Positioned Here

Non-selective control of emerged and pre-emerged grasses and broadleaf weeds in Non-Crop Areas including, Paths, Parking Lots, Curbs, Sidewalks, Driveways, Around Buildings, Gravel Areas, Loading Ramps, Educational Facilities, Storage Yards, Vacant Lots, Managed Roadsides, Fence Rows, Parks, Hardscapes (including crack and crevice), Industrial, Municipal, Mulched Areas, Landscape Ornamental Beds, and Government Sites.

Editorial Note – [Bracketed text] is optional language

ACTIVE INGREDIENTS:

Indaziflam.....	0.089%
Diquat dibromide.....	0.890%
Glyphosate isopropylamine salt	20.460%
OTHER INGREDIENTS:	78.561%
TOTAL:	100.00%

Contains 1.87 lbs Glyphosate isopropylamine salt, 0.08 lbs Diquat dibormide and 0.008 lbs Indaziflam per gal

EPA Reg. No. 432-1532

EPA Est. No. _____

KEEP OUT OF REACH OF CHILDREN

CAUTION

See [Back] [Side] Panel for First Aid Instructions and [Leaflet][Booklet] for Complete Precautionary Statements and Directions for Use. (Note to reviewer: Location of additional precautionary statements, directions for use will vary between those listed, depending on container type/size.)

For MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577

For PRODUCT USE Information Call 1-800-331-2867

NOTIFICATION

432-1532

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

09/30/2016

FIRST AID

If swallowed:	<ul style="list-style-type: none">▪ Call a poison control center or doctor immediately for treatment advice.▪ Have person sip a glass of water if able to swallow.▪ Do not induce vomiting unless told to do so by a poison control center or doctor.▪ Do not give anything by mouth to an unconscious person.
If on skin:	<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 further treatment advice.
If in eyes:	<ul style="list-style-type: none">▪ Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.▪ Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.▪ Call a poison control center or doctor for further treatment advice.

NOTE: Have the product container or label with you when calling a poison control center or doctor or going for treatment. **You may call toll-free 1-877-229-3763 for medical emergency information.**

Active Ingredients: 20.460% glyphosate isopropylamine salt (CAS No. 38641-94-0), 0.890% diquat dibromide (CAS No. 85-00-7), and 0.089% indaziflam (CAS No. 950782-86-2).

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, and plants. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. This chemical has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow. This pesticide may impact water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application.

DIRECTIONS FOR USE

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
Read entire label before using this product.**

PRODUCT INFORMATION

SPECTICLE TOTAL is a non-selective, residual herbicide that offers broad-spectrum control of many annual weeds, perennial weeds, shrubs, and trees. SPECTICLE TOTAL is a highly active herbicide that provides effective weed control when applied to the soil. SPECTICLE TOTAL may damage sensitive plants, if the product is allowed to contact foliage. Carefully apply SPECTICLE TOTAL in strict accordance to the label. Be sure to follow all label restrictions.

PRODUCT RESTRICTIONS

- Do not use this product in or around vegetable gardens or in landscaped areas where young plants including ornamental bedding plants (annuals and/or perennials), trees, shrubs, and sod will soon be planted [within [2, 4, 6 or X] months after treatment].
- Do not allow people or pets to enter the treated area until sprays have dried.
- Seed may be planted [2, 4, 6 or X] months after application.]
- Do not use on desirable turfgrass.
- Do not use over-the-top of ornamentals.
- Do not apply around the root zone of herbaceous plants.
- Do not allow spray to contact desirable foliage, stems, green bark, or bare roots of turfgrasses, trees, shrubs, or other listed desirable vegetation, since severe damage may result. Apply when the air is calm to avoid spray drift onto desirable plants.
- [Avoid tracking product onto desirable vegetation - do not walk on treated area until the spray has dried.]

- If spraying near the base of established plants (plants that have been in the ground at the same location for one or more years), shield them from spray drift using cardboard, plastic, or other materials. If the spray accidentally contacts a desirable plant, rinse it off immediately with water.
- [Note: Do not apply using a steel sprayer, except stainless steel.]
- Do not apply where heavy rainfall or irrigation can runoff into cool season lawns (e.g. Tall Fescue, Kentucky Bluegrass, Fine Fescue and Ryegrass).

USE AROUND ORNAMENTALS IN COARSE AND SANDY SOILS

Soil conditions can affect the tolerance of ornamentals to SPECTICLE TOTAL. Excessively coarse or sandy soils may allow for downward movement of SPECTICLE TOTAL into the root zone and cause significant root damage and phytotoxicity. Coarse soils, for example, may include significant quantities of sand, gravel, decomposed granite, and ground cinders.

USE DIRECTIONS

- Apply to small and actively growing weeds. Best results will be achieved when temperatures are above 60 ° F.
- Thoroughly spray existing weeds and the entire area that you want protected.
- A subsequent application of SPECTICLE TOTAL can be made 4 months after the initial application to extend weed control. Certain hard-to-control weeds can be re-sprayed 1 month after initial treatment only using spot treatment. The maximum applied rate must not exceed 32 fl oz of product/1000 sq ft. in a 12 month period.
- Add 16 oz of product per 1 gallon of water.
- Shake bottle well before use. Add appropriate amounts of water & product to spray tank.

Rate	Add To	Covers
16 fl oz Product	1 gal of water	1000 sq ft

Note: Do Not Apply more than a maximum of 32 fl oz/ 1000 sq ft per year. .

[FOR BEST RESULTS]

[WHEN TO APPLY]

- [Disturbing the soil after application may reduce the effectiveness of this product by disturbing the weed preventative barrier.]
- [Rain or watering [30 or X minutes] after application will not wash away effectiveness.]
- [Under drought conditions, it may be necessary to lightly water the product in. Irrigate to move the residual herbicide into the soil, but not to the point of visible runoff.]

[CLEAN UP]

- [Triple rinse the spray tank and flush all sprayer components with water to remove residual product. Empty the rinse water onto bare soil or gravel.]

WEEDS CONTROLLED

Broadleaf Weeds	Scientific Name [optional]
Chickweed, Common	<i>Stellaria media</i>
Chickweed, Mouse-ear	<i>Cerastium vulgatum</i>
Clover, White	<i>Trifolium repens</i>
Corn speedwell	<i>Veronica arvensis</i>
Curly dock	<i>Rumex crispus</i>
Evening primrose, Cutleaf	<i>Oenothera laciniata</i>
Dandelion, Common	<i>Taraxacum officinale</i>
Filaree, redstem	<i>Erodium cicutarium</i>
Fleabane, blackleaved	<i>Conyza bonariensis</i>
Florida pusley	<i>Richardia scabra</i>
Gromwell, Yellow	<i>Amsinckia calycina</i>
Groundsel, common	<i>Senecio vulgaris</i>
Hairy fleabane	<i>Erigeron bonariensis</i>
Henbit	<i>Lamium amplexicaule</i>
Horseweed/Marestail	<i>Erigeron canadensis</i>

Kochia	<i>Kochia scoparia</i>
Lambsquarters, common	<i>Chenopodium album</i>
Lespedeza, Serecia	<i>Lespedeza cuneata</i>
London rocket	<i>Sisymbrium irio</i>
Mustard, Wild	<i>Sinapis arvensis</i>
Spotted spurge	<i>Euphorbia maculata</i>
Prostrate spurge	<i>Euphorbia humifusa</i>
Ragweed, Common	<i>Ambrosia artimisiifolia</i>
Redroot pigweed	<i>Amaranthus retroflexus</i>
Shepherd's-purse	<i>Capsella bursa-pastoris</i>
Sida, Prickly / Teaweed	<i>Sida spinosa</i>
Sowthistle, Annual	<i>Sonchus olerachus</i>
Sunflower, Common	<i>Helianthus spp.</i>
Velvetleaf	<i>Albutilon theophrasti</i>
Vetch, Common	<i>Vicia sativa</i>
Wild mustard	<i>Sinapis arvensis</i>
Grass Weeds	Scientific Name [optional]
Annual bluegrass/ 'Poa'	<i>Poa annua</i>
Barnyardgrass, common	<i>Echinochloa crus-galli</i>
Cheatgrass	<i>Bromus secalinus</i>
Crabgrass	<i>Digitaria sp</i>
Crabgrass, Henry	<i>Digitaria adscendens</i>
Crabgrass, Large/Hairy	<i>Digitaria sanguinalis</i>
Crabgrass, Smooth	<i>Digitaria ischaemum</i>
Foxtail brome	<i>Bromus rubens</i>
Foxtail, Giant	<i>Setaria faberi</i>
Foxtail, Green	<i>Setaria viridis</i>
Foxtail, Yellow	<i>Setaria glauca</i>
Goosegrass	<i>Eleusine indica</i>
Ryegrass, Italian	<i>Lolium multiflorum</i>
Ryegrass, Perennial	<i>Lolium perenne</i>

LANDSCAPE ORNAMENTAL USES

Use SPECTICLE TOTAL in residential, commercial, as well as federal, state and local plantings of ornamentals for non-selective weed control. Apply SPECTICLE TOTAL as a directed spray only to established (rooted) plants (plants that have been in the ground at the same location for one or more years) and not to newly rooted cuttings or seedlings. For best weed control, make applications prior to mulching. Plant damage will occur if SPECTICLE TOTAL contacts foliage.

Apply SPECTICLE TOTAL as a directed spray at 16 fl oz of product / 1000 sq ft around ornamentals. When applying SPECTICLE TOTAL with a backpack sprayer, follow all above restrictions.

When tank mixing with other products, it is the responsibility of the end-user/applicator to ensure that the tank-mix partner is registered in the state where the application is being made.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container and keep tightly closed. Store in a cool dry place and protect SPECTICLE TOTAL, from freezing temperatures.

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:

Rigid Non-refillable Containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs)

Non-refillable container. Do not reuse or refill this container. Refer to Bottom Discharge IBC or Top Discharge IBC, Drums, Kegs information as follows.

Bottom Discharge IBC (e.g. – Schuetz Caged IBC or Snyder Square Stackable)

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

Top Discharge IBC, Drums, Kegs (e.g. – Snyder 120 Next Gen, Bonar B120, Drums, Kegs)

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times. Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

Rigid Non-Refillable containers with capacities smaller or equal to 5 gallons

Non refillable container. Do not reuse or refill this container. Tripled rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer 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 Bayer CropScience LP. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP 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 Bayer CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP 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 BAYER CROPSCIENCE LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

NET CONTENTS:

PRODUCED FOR



Bayer Environmental Science

**A Division of Bayer CropScience LP
2 T. W. Alexander Drive
Research Triangle Park, NC 27709**

SPECTICLE TOTAL (PENDING) 04/07/2016

[Optional Marketing Claims:]

Pictures:

[Picture of Dandelion]

[Picture of Spotted spurge]

[Picture of Crabgrass]

Kills/Prevents Weeds & Grasses Claims:

- Residual non selective herbicide
- Non-Selective herbicide
- Kills [controls] [even tough] [hard-to-control] [existing] weeds [and grasses] [to the root]
- Systemic [Herbicide] [Activity] – moves throughout the weed to kill from roots to tops
- [2-in-1] [Dual Action] [FORMULA] [Product]: Kills EXISTING [current] WEEDS [& GRASSES] [to the root] [PLUS] [and], Prevents [New Weeds] [& GRASSES] [up to 6 Months] [by creating an invisible barrier][zone]
- Prevents Grasses & Weeds All Season Long
- Season Long Weed Control
- Extended Weed Control
- [Up to] 6 Month Grass & Weed Control
- PROTECT [YOUR LANDSCAPE] FROM WEEDS & GRASSES [UP TO 6 MONTHS]
- [KILLS] [AND PREVENTS] TOUGH WEEDS AND GRASSES [LIKE BERMUDAGRASS, CRABGRASS, *[select other listed weeds]*]
- LONG LASTING FORMULA – [PROTECTS] [UP TO 6 MONTHS]
- UP TO 6 MONTH CONTROL [protection]!
- Long lasting [up to 6 months] [weed] [zone] [protection]
- [Season Long Weed Control] [with 1 Application]
- 1 Application Provides Season Long [Weed] Control
- [Continuous Action] [long lasting] [up to 6 month] [Protective] Weed Zone [barrier]
- Prevents weeds & grasses from growing in treated areas for up to 6 months
- Keeps on working for up to 6 months to prevent new weeds & grasses from growing
- Kills the weeds you see and prevents new weeds and grasses from growing for up to 6 months
- Spray your problem areas to create a zone of 6 month protection against unwanted weeds & grasses
- One application protects treated areas for up to 6 months

- One application provides continuous protection for up to 6 months
- Kills existing weeds and creates a 6 month barrier against unwanted weeds & grasses

Rainfastness/Weed Killing Time:

- Rainproof [Protection] in [10, 30 or X minutes] [1, 6, 24 or X hours]
- [Visible Results] in Hours [or X minutes]
- Starts Working Immediately
- All Weather Formula (rainproof in [10, 30 or X minutes] [1, 6, 24 or X hours])

Miscellaneous Claims

- Contains [FEATURES] [new] [proprietary] Indaziflam [for long lasting grass & weed] control]
- Indaziflam Inside! [for up to 6 months [grass & weed control]
- [Brand] New [proprietary] [Formula] [tion]!
- Simple, [Convenient], [Easy] to use
- Low VOC

Communication Claims

- An easier way to kill & prevent problem weeds in non-lawn areas
- An easier way to manage [guard against] [protect against] unwanted weeds and grasses
- Guard against unsightly weeds and grasses
- The best [better] solution for managing large areas of unwanted weeds & grasses
- An easier way to manage large areas of unwanted weeds & grasses
- Provides fast-acting, long-lasting control of weeds & grasses