



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 27, 2022

Eric D. Smith
Director, Regulatory Affairs
PBI/Gordon Corporation
P.O. Box 860350
Shawnee, Kansas 66286

Subject: Registration Review Label Mitigation for Dichlobenil
Product Name: EH-1570 HERBICIDE
EPA Registration Number: 2217-1008
Application Date: 05/17/2019
Decision Number: 587498

Dear Eric D. Smith:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Dichlobenil Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

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.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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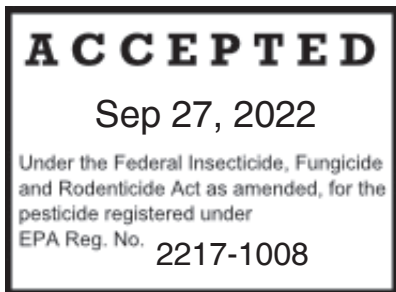
If you have any questions about this letter, please contact Srijana Shrestha by phone at 202-566-2329, or via email at shrestha.srijana@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington".

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure: Stamped Label



DICHOLOBENIL	GROUP	20	HERBICIDE
GLYPHOSATE	GROUP	9	HERBICIDE

EH-1570 HERBICIDE

EPA Reg. No. 2217-1008

ACTIVE INGREDIENTS:

Dichlobenil	7.58%
Glyphosate, isopropylamine salt	5.45%
OTHER INGREDIENTS:	<u>86.97%</u>
TOTAL	100.00%

THIS PRODUCT CONTAINS:

- 0.678 lb Dichlobenil (2,6-dichlorobenzonitrile) per gallon or 7.58%
- 0.362 lb Glyphosate (N-(phosphonomethyl)glycine) per gallon or 4.04%

KEEP OUT OF REACH OF CHILDREN

CAUTION

STOP! READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

CAUTION: Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Personal Protective Equipment

All mixers, loaders, applicators and other handlers must wear a minimum of:

- A long-sleeved shirt &
- long pants
- Shoes plus socks
- Waterproof gloves

Additional required PPE for specific activities/crop and/or use are included in the application instructions for each crop and/or use.

For the following scenarios all handlers must also wear minimum of double layer with gloves:

- Mixing/loading microcapsules (liquid) for groundboom applications for non-crop areas
- Mixing/loading microcapsules (liquid) for groundboom applications for non-agricultural ornamentals

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.



User Safety Recommendations

Users should:

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

First Aid

If on skin:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information in case of emergency, call toll free 1-877-800-5556.

Environmental Hazards

For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow may result in groundwater contamination.

Non-Target Organism Advisory

This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

Physical or Chemical Hazards Statement

Combustible. Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

Non-Agricultural Use Requirements

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during the application. Do not enter or allow others to enter treated areas until sprays have dried. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

1. Product Information [What It Does]

EH-1570 HERBICIDE is a nonselective herbicide which kills most annual and perennial grasses, broadleaf weeds, vines, brush, and trees. The product is absorbed through leaves, stems, and roots and moves throughout the plant. Treated plants stop growing soon after application. EH-1570 HERBICIDE will also provide residual control for up to 12 months in the treated area. Heavy rainfall will reduce the length of residual control. Heavy clay soils may increase the length of residual control.

2. Use Sites [Where To Use]

EH-1570 HERBICIDE may be used to control weeds: [In fencerows, hedgerows, agricultural uncultivated areas, shelter belts, farm yards, and farm premises. Around domestic (residential) dwellings, outdoor buildings, structures and shelters including beef barns, hog barns, dairy barns, stables, dog kennels and poultry houses. Along fences of paddocks, corrals, feedlots, and livestock holding areas. In roadways, roadsides, airports, landing fields, industrial sites, storage yards, lumber yards, tank farms, pumping installations, fuel tanks, pipelines, non-agricultural uncultivated areas or soils, paved areas (including crack and crevice), curbs, sidewalks, driveways, parking areas, brick walks, gravel paths, paths, patios, and vacant lots, urban areas, cemeteries, recreational areas, play areas, and tennis courts. Along fences.]

IMPORTANT: Use only in areas where you want to 1) kill all existing vegetation and 2) suppress regrowth for up to 12 months. Do not use in gardens, flower beds or in areas intended to be seeded or planted within 12 months. Newly planted trees, shrubs and flowers are especially sensitive. In lawns, do not use for individual weed control.

[If you **do not** desire to suppress regrowth, use a product which only contains glyphosate [such as xxx] instead.]

For the following scenarios all handlers must also wear minimum of double layer with gloves:

- Mixing/loading microcapsules (liquid) for groundboom applications for non-crop areas
- Mixing/loading microcapsules (liquid) for groundboom applications for non-agricultural ornamentals

For the following scenarios all handlers must also wear a minimum of a respirator and double layer with gloves:

- Mixing/loading/applying microcapsules (liquids) for backpack sprayer for non-crop areas and non-agricultural ornamentals

3. Resistance Management

For resistance management, this product contains Group 9 and Group 20 herbicides. Any weed population may contain or develop plants naturally resistant to this product and other Group 9 or Group 20 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same area. Appropriate resistance management strategies should be followed.

To delay herbicide resistance take one or more of the following steps:

- Rotate the use of this product or other Group 9 or Group 20 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or pest control advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use, and that considers mechanical control methods, cultural (e.g., timing to favor the turf and not the weeds), biological (weed-competitive varieties) and other management practices.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: 1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; 2) a spreading patch of non-controlled plants of a particular weed species; 3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method. Prevent movement of resistant weed seeds to other areas by cleaning equipment.

- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or pest control advisor for additional pesticide resistance-management and/or integrated weed-management recommendations for specific types of turf and weed biotypes.
- For further information or to report suspected resistance, call 877-800-5556.

4. Application Directions

Apply as a broadcast or spot treatment. Uniformly spray the area where total vegetation control (bare ground) is desired. For best results, apply in fall through spring when the temperature is below [70°F to 85°F] and do not disturb treated areas after application to maintain the herbicidal barrier. Use hand-operated spray equipment including backpack sprayers, pump-up sprayers, or sprinkling can.

[Note to reviewer: We are including two dilution scenarios on the master label. Only one will be presented on the container label.]

[Mix [2 to 4] fl.oz. of product with water to produce 1 gallon of spray solution. Spray the 1 gal of spray solution over 100 sq.ft. [4.6 to 9.2 lb dichlobenil/A, 2.5 to 4.9 lb glyphosate ae/A]. Watering the treated area is not required. Weeds should be growing vigorously at the time of application for maximum herbicide activity.]

[Mix [20 to 40] fl.oz. of product with water to produce 1 gallon of spray solution. Spray the 1 gal of spray solution over 1000 sq.ft. [4.6 to 9.2 lb dichlobenil/A, 2.5 to 4.9 lb glyphosate ae/A]. Apply 1/4 inch of irrigation to the treated area after waiting two hours after application. Weeds should be growing vigorously at the time of application for maximum herbicide activity.]

Thoroughly flush application equipment with water after using this product. Do not flush equipment near desirable plants or their root zones.

5. Restrictions

- The maximum number of applications is 1 application at 4 fl.oz. per 100 sq.ft. (40 fl.oz. per 1000 sq.ft.) or 2 applications at 2 fl.oz. per 100 sq.ft. (20 fl.oz. per 1000 sq.ft.). The maximum annual rate is 4 fl.oz. per 100 sq.ft. per year [9.2 lb dichlobenil/A, 4.9 lb glyphosate ae/A].
- Do not apply to foundations and/or perimeters using backpack sprayer.
- Do not use on or around feed or food crops.
- Do not use in enclosed structures.
- Do not graze livestock in treated areas.
- Do not plant rotation crops, on which this product is not registered, in treated soil within one year or application.
- Aerial application prohibited.
- Do not apply with a mechanically pressurized handgun to non-agricultural ornamental, and non-crop areas.
- Do not apply with a backpack sprayer to gardens and trees.
- Do not apply with a hose-end sprayer to lawns and turf.

6. Avoiding Injury to Non-Target Plants

Movement of the product from the target plant or site may injure non-target plants. Follow these precautions to manage off-target movement.

1. **Runoff:** Do not apply in a way to cause runoff. Avoid applying to slopes as movement on soil surface may damage desirable plants down the slope.
2. **Spray Drift:** Spray drift from applying this product may result in damage to sensitive plants adjacent to the treatment area. Avoiding spray drift is the responsibility of the applicator.

Applications with wind speeds greater than 10 mph are prohibited. Applications into temperature inversions are prohibited.

3. **Roots:** Untreated plants can be affected by root uptake. Do not use over the root zone of desirable trees and shrubs. Roots extend beyond the drip line and can extend under fences, driveways, patios, sidewalks, paths, and similar landscape elements.
4. **Movement of Treated Soil:** Do not treat powdery, dry or light sandy soils when the soil may be blown by wind. If necessary, settle soil surface by rain or irrigation.

7. SPRAY DRIFT

Ground Boom Applications:

- User must only apply with the nozzle height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Applicators are required to use a fine to medium/coarse droplet size (ASABE S572.1).
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

Spray Drift Advisories

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- Volume - Increasing the spray volume so that larger droplets are produced to reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

8. Weeds Controlled

EH-1570 HERBICIDE will control or suppress most grasses, broadleaf weeds, woody brush, vines, and trees. The degree of control and residual varies by plant species. [List of weeds controlled:]

[Optional weed list table. Some or all may be included on label.]

GRASSES			
Annual bluegrass	Crowfootgrass	Itchgrass	Sandbur
Bahiagrass	Dallisgrass	Johnsongrass	Smooth brome
Barnyardgrass	Downy brome	Kentucky bluegrass	Timothy
Beardgrass	Fall panicum	Lovegrass	Torpedograss
Bermudagrass	Feathertop	Orchardgrass	Vaseygrass
Big bluestem	Fescue	<i>Panicum</i> spp.	Wild barley
Broadleaf signalgrass	Foxtail	Prairie cordgrass	Wild oats
Canada bluegrass	Giant reed	Prairie threeawn	Wirestem muhly
Cheat	Goosegrass	Quackgrass	Witchgrass
Cogongrass	Guineagrass	Reed canarygrass	Woolly cupgrass
Crabgrass	Italian ryegrass	Sand dropseed	

BROADLEAF WEEDS			
Arrowwood	Dogfennel	Mullein	Smartweed

BROADLEAF WEEDS			
Broom snakeweed	Fiddleneck	Nettleleaf goosefoot	Sorrell
Bull thistle	Filaree	Oxeye daisy	Sowthistle
Burclover	Fleabane	Pepperweed	Spurge, annual
Burdock	Giant ragweed	Pigweed	Stinging nettle
Camphorweed	Goldenrod	Plantain	Sunflower
Canada thistle	Gray rabbitbrush	Pokeweed	Sweet clover
Carolina geranium	Henbit	Primrose	Tansy mustard
Carpetweed	Hoary vervain	Puncturevine	Texas thistle
Chickweed, mouseear	Horseweed	Purple loosestrife	Velvetleaf
Clover	Indian mustard	Purslane	Western ragweed
Cocklebur	Japanese	Pusley, Florida	Wild carrot
Common chickweed	bamboo/knotweed	Rocket, London	Wild lettuce
Common ragweed	Knotweed, prostrate	Rush skeletonweed	Wild parsnip
Cudweed	Kochia	Russian knapweed	Wild turnip
Dandelion	Lambsquarters	Russian thistle	Woollyleaf bursage
Desert camelthorn	Little mallow	Saltbush	Yellow starthistle
Diffuse knapweed	Milkweed	Shepherdspurse	Yellow woodsorrel
Dock	Miner's lettuce	Silverleaf nightshade	

VINES			
Field bindweed	Poison ivy	Virginia creeper	Wild rose (Including: Multiflora and Macartney rose)
Hedge bindweed	Redvine	Wild buckwheat	
Honeysuckle	Trumpet creeper	Wild grape	
Morningglory			

WOODY BRUSH AND TREES			
Alder	Chinaberry	Madrone	Sassafras
American beech	Chinese tallow-tree	Maple	Sourwood
Ash	Chinquapin	Melaleuca	Sumac
Aspen	Cottonwood	Mulberry	Sweetgum
Autumn olive	Cypress	Oak	Sycamore
Bald cypress	Dogwood	Persimmon	Tanoak
Bigleaf maple	Eucalyptus	Poison oak	Titi
Birch	Hawthorn	Popcorn-tree	Tree of heaven
Black oak	Hickory	Poplar	<i>Vaccinium</i> spp.
Blackgum	Huckleberry	Privet	(Including: Blueberry and Sparkleberry)
Boxelder	<i>Lyonia</i> spp. (Including: Fetterbush and Staggerbush)	Red alder	Willow
Brazilian peppertree		Red maple	Yellow-poplar
Ceanothis		Saltcedar	
Cherry			

End optional weed list table.]

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container in a locked storage area. Keep from freezing.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product that cannot be used or chemically reprocessed must be disposed of in a landfill approved for pesticide disposal or in accordance with applicable federal, state, or local procedures.

CONTAINER HANDLING: Nonrefillable container: Do not reuse or refill this container. Triple 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 1/4 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, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

LIMITED WARRANTY AND DISCLAIMER

IMPORTANT: Read this LIMITED WARRANTY AND DISCLAIMER before buying or using this product. By opening and using this product, buyer and all users agree to accept the terms of this LIMITED WARRANTY AND DISCLAIMER in their entirety and without exception. If the terms are not acceptable, return this product unopened immediately to the point of purchase, and the purchase price will be refunded in full.

It is impossible to eliminate all risks inherently associated with use of this product. Damage to the treated article, ineffectiveness, or other unintended consequences can result from use of the product under abnormal conditions such as weather, presence of other materials, or the manner or use of application, etc. Such factors and conditions are beyond the control of the manufacturer, and **BY PURCHASING AND USING THIS PRODUCT THE BUYER AND ALL USERS OF THIS PRODUCT AGREE TO ACCEPT ALL SUCH RISKS.** Buyer and all users further agree to assume all risks of loss or damage from the use of the product in any manner that is not explicitly set forth in or that is inconsistent with label instructions, warnings and cautions.

The manufacturer warrants only that this product conforms to the chemical description given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use, subject to the inherent risks described below. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY EXPRESSLY DISCLAIMED.**

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF BUYER AND ALL USERS OF THIS PRODUCT, AND THE EXCLUSIVE LIABILITY OF THE MANUFACTURER, FOR ANY AND ALL LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OF HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OR THE REPAYMENT OF THE PURCHASE PRICE FOR THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO CASE SHALL THE MANUFACTURER BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THE PRODUCT. The Manufacturer must be promptly notified in writing of any claims, whether based in contract, tort, negligence, strict liability, or otherwise, to be eligible to receive either remedy stated above.

The terms of this LIMITED WARRANTY AND DISCLAIMER cannot be varied by any written or verbal statements or agreements at the point of sale or elsewhere. No employee or agent of the manufacturer or seller is authorized to vary or exceed the terms of this LIMITED WARRANTY AND DISCLAIMER in any manner.

APPENDIX

1. These statements will appear on the appropriate container label components depending on packaging configuration:

- See next panel for additional Precautionary Statements and First Aid
- Net Contents: _____
- EPA Est. No. _____

2. Advertising claims that may be presented on container labeling, advertisements, brochures, and other marketing/sales promotional materials:

- Offers long-term weed control in places where no growth is wanted
- Kills [Controls] [unwanted] [weeds], [plants], and [grasses]
- Prevents [weeds and] [vegetative] [New] growth for up to 1 year [all season] [all season long].
- Kills weeds for up to 1 year [all season] [all season long].
- Apply only where no vegetation growth is wanted for up to 1 year [all season] [all season long]..
- Kills [Controls] vegetation
- Kills weeds and grasses down to the root
- Prevents weed seeds from growing for up to 1 year [all season] [all season long].
- XX fl.oz. of product treats up to YYYY sq.ft
- Covers [Treats] XXXX sq.ft.
- Covers [up to] XXXX sq.ft.
- 1 qt covers [800 to 1,600] sq.ft.,
- 40 floz covers [1,000 to 2,000] sq.ft.,
- 1 gal covers [3,200 to 6,400] sq.ft.,
- 2.5 gal covers [8,000 to 16,000] sq.ft.
- Treats up to XXX linear feet
- Two way action
- Year-long [all season] [all season long] control of tough weeds
- For driveways, patios, fence rows, and other listed places where no vegetation is desired.
- Ideal for use on driveways, sidewalks, patios, brick walks, gravel paths, and fence lines.
- [Before, photo] [After, photo]
- Use Where No Growth Is Desired
- Knockdown plus residual
- Fencerows, Driveways, And More Sites As Listed . . . Farmyards, Around Buildings, Storage Areas
- Dual-Action technology kills and prevents weeds, grass and brush for [season-long control] [up to 12 months]
- Season-long control of tough weeds, grass, and brush
- Goes to the roots to stop growth fast
- Apply where no vegetation is desired in areas including fencerows, driveways, around buildings, propane tanks, around storage areas, farmyards, parking areas, patios, and pathways, [and more areas listed on label].

DOCUMENT CONTROL INFORMATION

1. Unique Label Identifier: 002217-01008.20190517.amend-proposed-clean

2. Reason for Issue: Registration Review - Dichlobenil