



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 12, 2022

Angela M. Coco
Product Development Engineer
Hercon Environmental
Aberdeen Road, P.O. Box 435
Emigsville, PA 1731800435

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling and Formulation
Amendment – Replace active ingredient supplier; Replace inert ingredient material;
Update warranty statement; Update Hazards to Humans and Domestic Animals
statements; Add optional label claims
Product Name: Hercon Disrupt Micro-Flake MCH
EPA Registration Number: 8730-72
EPA Receipt Date: 05/19/2022
Action Case Number: 00368206

Dear Ms. Coco:

The amended labeling and Confidential Statement of Formula (CSF) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

Please note that the record for this product currently contains the following acceptable CSFs:

- Basic CSF dated 11/16/2021
- Alternate CSF #1 dated 03/03/2021

Any CSFs other than those listed above are superseded/no longer valid.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this 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 18 months from the date of this letter. After 18 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.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section

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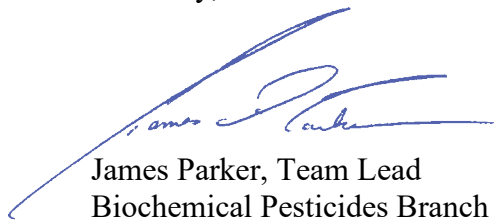
Action Case No. 00368206

12(a)(1)(E). 40 CFR § 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 substantially differ from those claims approved through the registration process. Therefore, should EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Susannah Powell via email at powell.susannah@epa.gov.

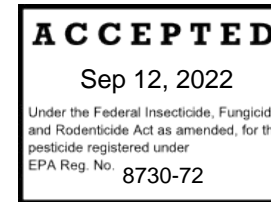
Sincerely,



James Parker, Team Lead
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511M)
Office of Pesticide Programs

Enclosure

HERCON®
DISRUPT MICRO-FLAKE® MCH
BARK BEETLE ANTI-AGGREGANT FLAKE



EPA Reg. No. 8730-72

Made in the USA by:

Aberdeen Road Company d/b/a HERCON ENVIRONMENTAL

P.O. Box 435 Emigsville, PA 17318-0435 EPA Est. No. 8730-PA-01

Questions? 866-4-HERCON

® "HERCON" is a registered trademark of Aberdeen Road Company, Emigsville, PA.

MAIN LABEL

**HERCON® DISRUPT MICRO-FLAKE®
MCH BARK BEETLE ANTI-AGGREGANT FLAKE**

HERCON DISRUPT MICRO-FLAKE® MCH is a controlled-release pheromone formulation designed to lower incidence of attacks by certain bark beetle species, including Douglas-fir beetle (*Dendroctonus pseudotsugae*), on tree stands.

ACTIVE INGREDIENT:

3-methyl-2-cyclohexene-1-one.....12.06%

OTHER INGREDIENTS 87.94%

TOTAL100.00 %

CONTENTS:

NET WEIGHT: 27.5 lbs. [12.5 kg]

*27.5 lb. (12.5 kg) of product will treat 5 acres (2 hectares) at 300 gm A.I./acre (750 gm A.I./hectare)

[Batch Code _____]

KEEP OUT OF REACH OF CHILDREN

**C A U T I O N
CUIDADO**

Read Directions and Precautionary Statements Before Use

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION. Harmful if swallowed, absorbed through skin, or inhaled. Causes moderate eye and skin irritation. Avoid contact with skin, eyes and clothing. Avoid breathing vapor. Avoid contact with contents of dispenser. Do not manipulate dispenser, such as by cutting or tearing. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

Personal Protective Equipment (PPE) Applicators and handlers must wear long-sleeved shirt and long pants, socks, shoes, chemical resistant gloves,

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

User Safety Recommendations:

Users should remove clothing/PPE immediately if pesticide gets inside, then

FIRST AID

IF SWALLOWED

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 by a poison control center or doctor. Do not give anything to an unconscious person

IF IN EYES

Hold eye open and rinse slowly and gently with water for 15-20 minutes.

Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing. Call a poison control center or doctor immediately for treatment advice

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 immediately for treatment advice.

IF INHALED

Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor immediately for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information concerning this product, call the National Pesticide Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time (NPIC Web site: www.npic.orst.edu). After 4:30 pm call your poison control center at 1-800-222-1222.

wash thoroughly and put on clean clothing. Users should 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.

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, except under forest canopy. Do not

contaminate water when cleaning equipment or by disposing of equipment wash waters.

DIRECTIONS FOR USE

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

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 application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulations.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), restricted entry interval and notification to workers (as applicable). Do not apply this product in a way that will contact worker or other persons, either directly or through drift. Only protected worker handlers may be in the area during application. The requirements in this box only apply to uses of this product that are covered by Worker Protection Standard.

Do not enter or allow any worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

For early entry into treated areas that is permitted under the Workers Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, wear: coveralls, chemical resistant gloves, shoes plus socks and protective eyewear.

APPLICATION: HERCON® DISRUPT MICRO-FLAKE® MCH is an effective management tool for certain bark beetles on various tree species. MCH is an anti-aggregation pheromone that when applied in the Micro-Flake form can protect susceptible host trees from infestation by Douglas-fir beetle (*Dendroctonus pseudotsugae*). Tree species include but are not limited to Douglas fir, Engleman spruce and other spruce tree species.

Apply HERCON® DISRUPT MICRO-FLAKE® MCH prior to beetle flight at a rate of 5.3 5.5 lbs. of product (300 gm active ingredient) per acre or 6.0 6.2 kg of product (750 gm a.i.) per hectare with one application per beetle flight.

Two applications are necessary if trap catches, and visual assessment indicate the beetle flight has continued beyond two months since the first flake application. Use in areas such as forests, tree plantations, and nurseries; residential, municipal and shade tree areas; recreational areas such as campgrounds, golf courses, parks and parkways, and ornamental tree plantings; shelter belts and rights of way and other easements. **Consult your local forest pest management expert before applying this material. To ensure proper rate and method of application, make application by or under the supervision of a qualified or experienced person.**

METHOD OF APPLICATION: Do not open product until ready to use. Do not use DISRUPT MICRO-FLAKE® MCH from damaged, punctured, or unsealed bags. Apply product on large plots of at least 10 acres or more with treated buffers to avoid edge effects. Monitor for infestations using the Lindgren Funnel Trap and appropriate beetle attractants and by visual inspection. Apply this product only by using ground or aerial equipment.

Ground equipment: Handheld fertilizer spreaders can be used for ground application of DISRUPT MICRO-FLAKE® MCH on small, isolated wood lots.

Aerial Equipment: Fertilizer spreaders appropriate for use on fixed winged planes or helicopters can be used to apply DISRUPT MICRO-FLAKE® MCH on large areas.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in sealed containers in a cool dry place.

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

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state or local authorities, by burning. If burned stay out of smoke. Do not reuse empty bags.

WARRANTY: To the extent consistent with applicable law, HERCON ENVIRONMENTAL makes no warranty, express or implied, for any purposes concerning the product, other than those which are contained on this label. HERCON ENVIRONMENTAL will not accept liability for damage or injury resulting from misuse.

Made in the USA by:
Aberdeen Road Company d/b/a
HERCON ENVIRONMENTAL
P.O. Box 435
Emigsville, PA 17318-0435

Questions? Call Toll-Free: 1-866-4-HERCON

®HERCON and DISRUPT MICRO-FLAKE
are registered trademarks of
Aberdeen Road Company, Emigsville, PA

Rev 190522

Optional Claims

- Disrupt MCH Hand Applied (HA) [/ABN] will reduce the amount of Douglas fir beetle attacks on susceptible host trees.
- Disrupt MCH Hand Applied (HA) [/ABN] is a controlled released pheromone dispenser.
- Protects your Douglas-Fir trees [and spruce trees].
- Effective repellent for the control of Douglas-Fir Beetle.
- Anti-aggregation Pheromone.
- Releases pheromone during the entire beetle flight & is costeffective.
- Works by using the beetle's own pheromone against itself.
- Pheromone application can help to prevent the build-up of fatally damaging beetle population concentrations on high value trees and in important forested areas.
- Provide a controlled-release of the pheromone used by Douglas fir bark beetles to signal others of the species to avoid trees or forest areas already occupied by high beetle populations.
- These products function as an anti-aggregant signaling "No Vacancy" to invading bark beetles seeking suitable host trees to infest, thereby causing them to avoid the treated trees or tree stands.
- Multiple application rate options.
- 1000 mg dispensers may reduce application labor.
- [400 mg][500 mg][1000 mg] dispensers continuously release pheromone for 50 to 60 days.
- [No sprays][.][!], [No mess][.][!], [Easy touse][.][!]
- Product appearance may vary.