



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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 19, 2023

Kim Davis
Consultant/Agent
ChemTica International S.A.
c/o RegWest Company LLC
9017 18th Street
Greeley, CO 80634-4759

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – Acceptable
Revision to Update the Directions for Use and Formatting
Product Name: CTI-2003-1
EPA Registration Number: 73813-1
EPA Receipt Date: 03/16/2023
Action Case Number: 00440887

Dear Ms. Davis:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is 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.

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.

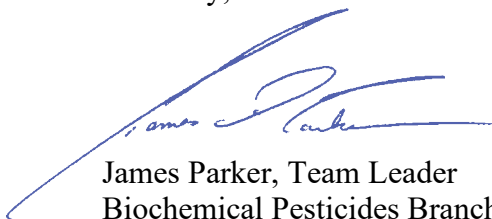
Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 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 the EPA's Office of Enforcement and Compliance Assurance.

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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 Alex Horansky via email at Horansky.alex@epa.gov.

Sincerely,

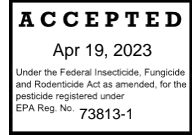


James Parker, Team Leader
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511M)
Office of Pesticide Programs

Enclosure

CTI-2003-1

{ABN: BEETLEBLOCK-MCH}



**A Repellent Pheromone Product for [the] Control of the
Douglas-Fir Beetle *Dendroctonus pseudotsugae***

Active Ingredient:

3-methylcyclohex-2-en-1-one 99.50%

Other Ingredient 0.50%

Total 100.00%

Each dispenser contains 400 milligrams of pheromone.

**Keep Out of Reach of Children
CAUTION**

**See back panel for First Aid and additional Precautionary Statements
Read All Directions Before Using This Product**

**ChemTica Internacional S.A.
Apdo. 159-2150
San Jose, Costa Rica**

EPA Reg. No. 73813-1

EPA Est. 73813-CRI-1

Net Weight: ____ oz (____ Grams)

Contents

- 10 Dispensers containing 0.01 oz (400 mg) of pheromone per dispenser
- 100 Dispensers containing 0.01 oz (400 mg) of pheromone per dispenser
- 500 Dispensers containing 0.01 oz (400 mg) of pheromone per dispenser

[Batch Number]

{Back Panel}

First Aid

If Liquid is on Skin or Clothing:

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

If Vapors are Inhaled

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

If Liquid is Swallowed

- Call 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 Liquid or Vapors are in Eyes

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.
- Call poison control center or doctor for treatment advice.

Hot Line Number

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For medical emergencies call the poison control center at 1-800-222-1222. For general information on this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 Monday through Friday, 8:00 am to 12:00 pm Pacific time (or <http://npic.orst.edu>).

{The First Aid statements' grid format will be used if label allows, otherwise a paragraph format will be used.}

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Do not puncture liquid reservoir. Prior to use, open shipping bag in a well-ventilated area and allow accumulated vapors to vent. Liquid is harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact of the liquid or vapors with skin, eyes and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

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 cleaning equipment or disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

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

1. Crop: Douglas-fir, Spruce
2. Pest: Douglas-fir beetle (*Dendroctonus pseudotsugae*)
Spruce beetle (*Dendroctonus rufipennis*)

3. Application Rate: CTI-2003-1 dispensers are for use in tree stands containing a significant proportion of Douglas-fir or spruce trees. Place CTI-2003-1 on trees over 8 inches in diameter on north face of tree at 6-12 feet above ground. Staple into flashing being careful not to puncture reservoir.

Individual trees and area 1 acre or less:

Place 4 CTI-2003-1 on each tree depending on risk of attack and size of tree. For trees over 24 inches diameter, add 1 more CTI-2003-1 for each additional 8 inches in diameter.

Forested stands over 1 acre:

Minimum dose – 40 CTI-2003-1/acre. For low to moderate beetle pressure, place 1 CTI-2003-1/tree in a grid pattern with 32 ft centers or 2 CTI-2003-1 dispensers/tree in a grid pattern with 45 ft centers or 3 CTI-2003-1 dispensers/tree in a grid pattern with 55 ft centers.

Maximum dose – 80 CTI-2003-1/acre. For high to extreme beetle pressure, place 1 CTI-2003-1/tree in a grid pattern with 23 ft centers or 2 ft centers or 2 CTI-2003-1/tree in a grid pattern with 32 ft centers or 3 CTI-2003-1/tree in a grid pattern with 40 ft centers.

4. Timing: Deploy CTI-2003-1 at least two weeks prior to the expected attack flight of the beetles. CTI-2003-1 dispensers emit effective amounts of MCH for 60 days.

5. Notes: (i.) For best results, remove all beetle-infested trees on property before application. Consider use of pheromone traps on perimeter to reduce population pressure.
(ii.) Treating larger areas gives a geometrical advantage in so far that Douglas-fir beetles repelled from an area endeavor to fly out of the repellent treated area and the larger the treated area, the more Douglas-fir beetles are likely to exhaust and die during flight.

Storage and Disposal

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

Pesticide Storage: Store in original container, in cool, dry area at 75°F (25°C) or below.

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

Container Handling: Nonrefillable container. Do not reuse or refill the container. Place empty bag in trash.

Warranty

ChemTica Internacional S.A. warrants that this product conforms to the chemical description on the label. To the extent consistent with applicable law, ChemTica Internacional S.A. neither makes nor authorizes any agent or representative to make any other warranty of fitness or of merchantability, guarantee or representation, express or implied, concerning this material. To the extent consistent with applicable law, ChemTica Internacional S.A.'s maximum liability for breach of this warranty shall not exceed the purchase price of this product. To the extent consistent with applicable law, Buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage and use of this product.

[] Denotes alternate/optional language

{ } Denotes language that does not appear on the market label