

2024-3669
2024-08-24

GROUP

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INSECTICIDE

FOR EMERGENCY USE ONLY
For sale and use only in Nova Scotia and Ontario from August 24, 2024 until August 23, 2027

Xytect 2F

SUSPENSION

For application as basal bark spray for control of Hemlock Woolly Adelgid on hemlock

ACTIVE INGREDIENT: Imidacloprid 233 g/L
Contains 1,2-benzisothiazolin-3-one at 0.193% as a preservative

REGISTRATION NO. 34596 PEST CONTROL PRODUCTS ACT

COMMERCIAL

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL BEFORE USING



CAUTION

POISON

SHAKE WELL BEFORE USING

NET CONTENTS: 3.785 Litres

Rainbow Treecare Scientific Advancements DBA Rainbow Ecoscience
11571 K-Tel Drive
Minnetonka, MN 55343
USA
Tel: 1-877-272-6747

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PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Keep children or pets off treated area until spray is dry. Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. Follow manufacturer's instructions for cleaning/ maintaining personal protective equipment, PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing 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.

Apply only when the potential for drift beyond the area to be treated is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.

DO NOT enter or allow worker entry into treated areas until sprays have dried.

DO NOT use in residential areas unless a restricted entry interval of 24 hours can be enforced (signs must be posted and area must be marked off). Regional requirements for notification of the use of pest control products may also apply. Residential areas are defined as any use site where bystanders or the public, including children, could be exposed during or after application. This includes areas in and around homes, schools, public buildings or any other areas where they could be exposed.

DO NOT apply to trees that are within 7 m of water courses.

FIRST AID

IF SWALLOWED: Call a poison control centre 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 centre or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control centre or doctor for treatment advice.

IF IN EYES: 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 centre or doctor for treatment advice.

Take container, label, or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION:

No specific antidote is available. Treat the patient symptomatically.

ENVIRONMENTAL PRECAUTIONS

Toxic to aquatic organisms.

Toxic to birds. Toxic to small wild mammals. This product is systemic and is transported upwards through the tree. Birds and mammals may be exposed to residues in hemlock seeds or sap resulting from tree injections.

Toxic to bees. Hemlock trees are not attractive to pollinators. However, bees may be exposed through direct spray, spray drift, and residues on/in leaves, pollen and nectar in flowering crops and weeds. Minimize spray drift to reduce harmful effects on bees in habitats close to the application site. Avoid applications when bees are foraging in the treatment area in ground cover containing blooming weeds.

Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders and mites). Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site.

NOTICE TO USER:

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This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

DIRECTIONS FOR USE

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Do not apply more than 1.9 L (456 g of active ingredient) per hectare per year.

FOR USE AS A BASAL BARK SPRAY FOR CONTROL OF HEMLOCK WOOLLY ADELGID

Apply 1.16 to 2 mL of product per cm diameter measured at breast height (1.4 m above ground) (DBH). For example, depending upon bark type and thickness, 1 L of spray solution will treat about 45 cm of trunk diameter. To achieve the recommended range of 1.16 to 2 mL per cm DBH, dilute 52 to 90 mL of product with sufficient water to make 1 L of solution. Spray bark on root flare and on trunk between soil surface and 1.4 meters above soil surface. Adjust nozzle to uniformly distribute spray over the entire circumference of the tree trunk and buttress roots. Wet bark just to the point of saturation and run off onto soil.

For trees already showing signs of decline, a tank mix of this product with Starkle 20 SG is recommended. When tank mixes are permitted, read and observe all label directions, including rates and restrictions for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

STORAGE: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

DISPOSAL: Any unused product must be returned to the manufacturer. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food, or feed by storage or disposal. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Offer for recycling, if available or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by provincial and local authorities, by burning. If burned, stay out of smoke.