

95.06.12

BIRLANE (R) 400EC

INSECTICIDE

Emulsifiable concentrate for insect control in potatoes,
turnips and rutabagas.

RESTRICTED

DANGER POISON

READ THE LABEL BEFORE USING

NET CONTENTS: 10 Litres

REGISTRATION NO: 17984
PEST CONTROL PRODUCTS ACT

GUARANTEE: chlorfenvinphos 400 g/L

IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY
INVOLVING THIS PRODUCT, CALL DAY OR NIGHT
1-800-454-2673

Cyanamid Canada Inc.
88 McNabb Street
Markham, Ontario
L3R 6E6

CYANAMID

(R) Registered trademark

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PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. Keep in original container during storage. Handle and apply only as recommended and at recommended rates. Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals. Do not contaminate or store with feed or foodstuffs. Do not contaminate streams, lakes, ponds, irrigation water,

water used by livestock or water used for domestic purposes. Keep away from heat and open flame.

DANGER: BIRLANE INSECTICIDE IS POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN. IT IS RAPIDLY ABSORBED THROUGH THE SKIN. REPEATED INHALATION OR SKIN CONTACT MAY, WITHOUT SYMPTOMS, PROGRESSIVELY INCREASE SUSCEPTIBILITY TO BIRLANE INSECTICIDE POISONING.

DO NOT SWALLOW OR GET IN EYES, ON SKIN, OR ON CLOTHING. DO NOT BREATHE VAPOURS.

REQUIRED USER PROTECTION:

Wear clean neoprene gloves and clean, waterproof protective clothing. Replace gloves frequently and destroy used gloves to prevent re-use. Wear respirator and canister effective against organophosphate vapours. Wash thoroughly with soap and water after handling and before eating or smoking.

SYMPTOMS OF POISONING:

The symptoms of poisoning include weakness, headache, tightness in chest, blurred vision, non-reactive pinpoint pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps.

FIRST AID:

IF SWALLOWED: OBTAIN URGENT MEDICAL ATTENTION! Do not induce vomiting. Keep patient prone and quiet. If patient is not breathing, apply artificial respiration. ANTIDOTE IS ATROPINE.

SKIN CONTACT: If spilled on clothing, remove clothes, wash skin with soap and water and contact physician. Thoroughly wash contaminated clothing before re-use.

EYE CONTACT: If BIRLANE enters eyes, flush eyes with large amounts of water and contact physician.

TOXICOLOGICAL INFORMATION:

BIRLANE 400EC contains the organophosphorus insecticide chlorfenvinphos and a petroleum distillate. Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. Morphine is contraindicated. Clear chest by postural drainage. Oxygen administration may be necessary. Observe patient continuously for 48

hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until time for cholinesterase regeneration has been allowed as determined by blood test.

SPILLAGE:

In case of spillage, wash contaminated area with large amounts of water, followed by a strong lye solution and a final flushing with water.

DECONTAMINATION AND DISPOSAL:

1. Rinse the emptied container thoroughly and add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the regional office of Environmental Protection, Environment Canada.

NOTICE TO BUYER:

Seller's guarantee shall be limited to the terms set out on the label and subject thereto. The buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

NOTICE TO USER:

This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

NATURE OF RESTRICTION: This product is to be stored or displayed separately from food or feed.

DIRECTIONS FOR USE:

BIRLANE 400EC is an organophosphorus insecticide which acts both on contact and through stomach action. Sprays are prepared by mixing the amount of BIRLANE 400EC recommended per hectare in sufficient water to cover this area. Any conventional ground spraying equipment may be used. Gentle, continuous agitation is required during the mixing and spraying procedures. Avoid application during periods of extreme heat or humidity.

CROP	PEST	DOSAGE	USE INSTRUCTIONS
Potatoes	Colorado Potato Beetle	1.5 L/ha	GROUND APPLICATION ONLY: Apply when insects or signs of insect feeding appear. Apply to potato foliage as a uniform spray. Repeat at 7-day intervals if required. Maximum 4 applications per year.
Allow 7 days between the last treatment and harvest.			
Rutabagas Turnips	Root Maggot	<p>B.C. 5.5 L in 1000 L of water per hectare for each drench.</p> <p>Ontario 4.25 L in 1000 L of water per hectare, for each drench.</p> <p>Quebec, Maritimes, Newfoundland 5.5 L in 1000 L of water per hectare for each drench.</p>	<p>GROUND APPLICATION ONLY: Apply the first drench prior to emergence, plus 3 drenches 28, 50 and 70 days after seeding.</p> <p>Apply the first drench prior to emergence, the second drench 4 weeks later, and the third 3 to 4 weeks after that.</p> <p>Apply the first drench prior to emergence, and the second spray 4 to 6 weeks later.</p>
Allow 40 days between the last treatment and harvest.			

NOTE: Spray applications on emerging seedlings can cause burning of foliage and delayed maturity, particularly when applied at temperatures over 30°C and/or high humidity. Consult provincial recommendations for additional information.

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