ENTEX (R) SPRAY CONCENTRATE

PCO INSECTICIDE

Contains fenthion

FOR USE BY QUALIFIED PEST CONTROL OPERATORS ONLY

COMMERCIAL

FOR CONTROL OF HOUSEHOLD PESTS AND MOSQUITOES

GUARANTEE: Fenthion....480 g/L

NET CONTENTS _____ LITRES

REGISTRATION NO. 8086
PEST CONTROL PRODUCTS ACT

DANGER POISON

KEEP OUT OF REACH OF CHILDREN (See rear panel for first aid and danger statements)

READ THE LABEL BEFORE USING

CHEMAGRO LIMITED

1355 Aerowood Drive
Mississauga, Ontario, Canada L4W 1C2

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.

DIRECTIONS FOR USE

FOR RESIDUAL INSECT CONTROL:

ENTEX Spray Concentrate is recommended for residual control of cockroaches, mosquitoes, flies, crickets, and wasps which are a problem in and around the home and other buildings such as restaurants, stores, warehouses, and industrial structures.

IN MEAT AND POULTRY PROCESSING PLANTS:

ENTEX may be used around the outside premises and in the inedible products departments of federally inspected meat and poultry processing plants. Before treatment, remove all exposed food products, packaging materials, and equipment and utensils used for handling edible products which may be in these inedible products areas.

INSIDE BUILDINGS:

Apply as a coarse spray or with a paint brush to wallboards, cracks, crevices, and other hiding places where these insects have been seen running, resting, hiding, or nesting. Also apply to adjacent exposed surfaces where the insects will crawl when they come out. of hiding. Repeat as necessary to maintain effective control.

EXTERIOR USE:

Apply as a coarse spray or with a paint brush to selected surfaces such as doors, screens, window frames, door sills, and areas of porches where these insects alight or congregate. Apply to the nest of wasps after dark when all of the insects have returned to the nest. Repeat as necessary to maintain effective control.

PRECAUTIONS (Interior Uses)

Do not use as a space spray. Avoid excessive wetting of asphalt tile, rubber, and plastic materials. Do not apply to rugs, carpets, wallpaper, draperies, and similar materials that may be stained or water marked. Do not use in areas where children or pets can come into direct contact with treated surfaces. Remove fish or other pets from room before spraying. Do not contaminate feed, drinking water, milk or milk handling equipment.

FOR AREA MOSQUITO AND FLY CONTROL:

AREA MOSQUITO APPLICATIONS TO POPULATED AND RURAL AREAS ARE TO BE MADE ONLY BY MOSQUITO ABATEMENT DISTRICTS, PUBLIC MOSQUITO CONTROL OFFICIALS, AND

COMMERCIAL PEST CONTROL OPERATORS.

ENTEX Spray Concentrate is recommended for use wherever mosquitoes and flies are a problem, except over fruit, vegetable, or other food crops. It provides residual control and is effective against both DDT-resistant and non-resistant strains. The spray can be applied to most surfaces, including freshly white-washed areas, without loss of biological effectiveness.

Mixing: ENTEX Spray Concentrate forms an emulsion when diluted with water. The resulting mixture is suitable for use in hand or power-operated sprayers, as well as with aircraft sprayers or air mist-type applicators. To mix with water, pour required amount of ENTEX Spray Concentrate into full amount of water and then agitate.

Dosage: Use specified dosage of ENTEX Spray Concentrate in the amount of water necessary to give uniform coverage. The type of equipment used will determine the concentration required.

For localized adult mosquito control, applications should be made to outside surfaces of buildings, screen doors, window frames, around outdoor light fixtures, and in garages.

For fly control, spray around windows and on other surfaces frequented by flies on or in buildings except where food or feed products are present.

Mist Applications: Outdoor applications for adult mosquito control may be made by mist spraying, airplane spraying or residual spraying. For large area adult mosquito control, applications should be made to wet grassy, bushy, or woody areas. Allow at least 3 weeks between mist applications.

PRECAUTIONS (Exterior Uses)

- 1. If pasture or forage crop is treated, do not graze or cut for feed for 3 days.
- 2. Do not allow spray treatment or drift on fruits or vegetables, poultry ranges, or water supplies.
- 3. Do not use inside homes or in buildings where food is processed. Do not apply directly to animals.
- 4. Do not use on crops used for food.
- 5. Birds feeding in treated areas may be harmed at the maximum recommended mosquito control rate.

RECOMMENDED APPLICATIONS

INSECT	Dosage ENTEX SC	REMARKS			
Cockroaches Crickets Flies Mosquitoes Wasps	250 to 375 mL/100 m2	RESIDUAL SPRAY: Apply specified dosage in 8 L of water for application to approximately 100 square meters of area or to runoff. Use the higher concentration for the initial treatment or heavy cockroach infestations. For subsequent periodic applications, and for control of flies and mosquitoes, use the lower dosage. The lower concentration may also be used in dairy, beef, and hog barns and poultry houses, but do not apply directly to animals. Do not apply as a space spray.			
		Concentration of Amount of ENTEX SC NEEDED ENTEX Required For:			
			1 L	5 L	10 L
		1.5%	35 mL	160 mL	315 mL
		2.25%	50 mL	235 mL	470 mL
Mosquitoes	125 to 225 mL	MIST SPRAY: Apply specified dosage (55 to 110 g active per hectare. For mist-blower machines calibrated to deliver 450 L per hour traveling at a speed of 8 km/hr to cover a swath width of up to 100 m, use 10 to 18 L of spray concentrate per 450 L of water. Allow at least 3 weeks between applications.			
	(see Remarks)	AIRPLANE APPLICATION: Use ENTEX Spray Concentrate at dosages of 55 to 110 g active ingredient per hectare in water. Mix 6.25 to 11.25 L of concentrate in 500 L of water and apply this mixture to 50 ha. Allow at least 3 weeks between applications.			

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unsafe conditions.

NATURE OF RESTRICTION:

This product is to be used only in the manner authorized; consult local pesticide regulatory authorities about use permits which may be required.

RESTRICTED USE

Mosquito Larvae Control: Spray applications should be made to moist areas, standing water, pools, marshes, swamps, and tidal areas. Also, spray around and in catch basins and similar areas where mosquitoes breed. Allow at least 3 weeks between applications.

RECOMMENDED APPLICATIONS

INSECT	Dosage ENTEX SC	REMARKS
Mosquito Larvae	115 mL	SPRAY: Apply specified dosage(55 g active) per hectare in sufficient water to obtain uniform coverage.
	(See Remarks)	For localized applications use 80 mL of ENTEX SC in 10 L of water and apply as a light uniform spray.

FOR CONTROL OF INSECTS ON ORNAMENTALS, NURSERY PLANTS, FOREST AND SHADE TREES:

FOR USE BY PEST CONTROL OPERATORS AND COMMERCIAL NURSERYMEN ONLY.

To control aphids, mites, leaf miners, bagworms, juniper scale, and lecanium scale on the ornamental plants listed below:

Trees and Shrubs:					
Arborvitae	Aspen	Euonymus	Maple	Spruce	Tulip Tree
Ash	Birch	Juniper	Oak	Sweet Gum	Viburnum
Flowering Plants:				Yew	

Begonias	Lilies	Phlox	Snapdragons
Chrysanthemums	Marigolds	Petunias	Verbena
Geraniums	Peonies	Roses	Zinnias

Do not apply to hawthorn, American Linden, sugar maple, or rose variety Delightful, because of possible plant injury.

HOW TO MIX SPRAY: Add 3 mL ENTEX Spray Concentrate to 1 litre of water (3.75 L/1000 L). The resulting emulsion is suitable for use in any conventional hand-operated or power-operated spray equipment.

HOW TO APPLY: Spray when air is still to avoid drift. Do not treat plants in direct sunlight during the heat of the day, or when the temperature is in excess of 32'C. Apply thorough coverage to upper and lower surfaces of leaves. Avoid wetting plants excessively - only a fine mist is required. Repeat as necessary.

DANGER

May be fatal if swallowed, inhaled, or absorbed through the skin. Rapidly absorbed through the skin. Do not get in eyes, on skin, or on clothing. Do not breathe spray mist. Wash thoroughly with soap and warm water after handling. Wash clothing with soap and hot water before reuse.

Avoid contamination of feed, food, or food-handling equipment. If food-handling equipment becomes contaminated, clean thoroughly before reuse. Keep out of reach of children.

FIRST AID: In case of poisoning call a physician immediately. Have patient lie down and keep quiet. If swallowed, vomiting should be induced. Administer milk or water freely and induce vomiting by giving one dose (15 mL) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. the patient should be lying down with the head below the foot level and facing down or to one side. Professional medical assistance should be secured immediately. DO NOT INDUCE VOMITING TO AN UNCONSCIOUS PERSON OR TO PERSONS IN A CONVULSIVE STATE. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash immediately with flowing water for at least 15 minutes.

TOXICOLOGICAL INFORMATION: The compound inhibits cholinesterase resulting in stimulation of the central nervous system. This results in a sense of

"tightness" in the chest, sweating, contracted pupils, stomach pains, vomiting and diarrhea. In case of poisoning call a physician immediately. The antidote is atropine sulfate administered in large therapeutic doses repeated as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered i conjunction with atropine. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

NOTICE

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.

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