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SANEX

DIAZINON 50-E

Industrial formulation of Diazinon Emulsifiable insecticide concentrate for control of cockroaches and other household insects. For control of flies in food processing plants. For control of insects on ornamentals, lawn and other outdoor locations.

COMMERCIAL

DANGER POISON

Read the label before using

NET CONTENTS
20 LITRES

GUARANTEE: DIAZINON
500 g/LITRE

REGISTRATION NO. 12866
PEST CONTROL PRODUCTS ACT

Manufactured by

SANEX AGRO INC.
36 Head Street, Dundas, Ontario L9H 3H3

Branches throughout North America

DIRECTIONS FOR USE:

DIAZINON 50-E

Emulsifiable Concentrate. Specifically formulated for pest control applicators for control of cockroaches and other household insects, flies in food processing plants and insects on ornamentals, lawns and other outdoor locations.

FLY CONTROL IN FOOD PROCESSING PLANTS:

Use 2 L of DIAZINON 50-E per 100 L of water and apply as a residual spray to the walls and ceilings of food processing plants early in the season before canning or other processing

begins. Repeat application if necessary when plant is not in operation. All processing equipment and produce should be covered to avoid contamination. Spraying of unloading docks and other outside areas where flies congregate will aid in controlling flies. For control of fly maggots in vine stacks and similar refuse, use 300 mL of DIAZINON 50-E in 100 L of water and spray at the rate of 5 L per 100 m² of refuse area. Treated vines or refuse should not be fed to animals.

N.B. Good sanitation and proper disposal of wastes are necessary in any fly control program.

CONTROL OF HOUSEHOLD INSECTS (by Pest Control Operators ONLY)
SPRAY FORMULAE: DIAZINON 1/2% - thoroughly mix 10 mL of DIAZINON 50-E with 1 L of water. DIAZINON 1% - use 20 mL DIAZINON 50-E per Litre of water.

COCKROACHES, ANTS, BOOKLICE, CRICKETS, EARWIGS, MILLIPEDES, SILVERFISH and SPRINGTAILS IN BUILDINGS: Remove or cover all food and utensils before treatment. Coarse spray or paint brush applications of DIAZINON 1/2% should be made to infested places, such as baseboards, spaces around water pipes and tanks, cracks and crevices, surfaces behind and beneath cabinets, refrigerators, sinks, stoves and similar areas where insects hide. Treatments should be repeated as necessary. Where cockroach infestations are heavy, it is suggested that the first application be made with DIAZINON 1% followed by monthly treatment with DIAZINON 1/2%.

CARPET BEETLES IN NON-FABRIC AREAS:
Use DIAZINON 1/2% and thoroughly spray infested areas around baseboards, cracks in the floor and walls and localized areas of floors and floor coverings. Repeat the application as necessary.

CLOVER MITES IN BUILDINGS:
Apply DIAZINON 1/2% to window and door frames and sills, to baseboards and floor space adjacent to them. Pay particular attention to cracks and crevices. Apply as a coarse droplet spray or with a paint brush thoroughly wetting the surfaces.

BROWN DOG TICKS AND FLEAS IN BUILDINGS:
Using DIAZINON 1/2%, thoroughly spray infested areas around baseboards, window and door frames, and cracks, sleeping quarters of household pets and localized areas of floors and floor coverings; applications should be repeated as infestations warrant and as re-infestations occur. Fresh bedding should be placed in animal quarters following treatment. Do not treat animals with this formulation.

FLY CONTROL IN DAIRY BARNs AND OTHER FARM BUILDINGS:

RESIDUAL SPRAYS. Apply a spray of 10 mL of DIAZINON 50-E in 1 L of water as an overall application to the ceilings and walls of dairy barns, livestock sheds, calf barns, hog barns and other farm buildings, except poultry houses. Spray thoroughly garbage dumps, corrals and other places where flies congregate. Repeat applications as fly populations warrant.

Residual control of up to 8 weeks can be obtained by doubling the concentration (20.5 mL DIAZINON 50-E per Litre spray). Applied to the point of "run-off", one Litre of this spray should cover from 7-14 m² of area depending on the surface to be treated.

NOTE: Remove animals from buildings before spraying operations commence and keep them out for at least 4 hours. Do not spray animals or contaminate their feed and drinking water. Do not use in poultry houses except for control of fly maggots in manure piles. Do not use in dwellings or milkhouses.

Although control of both adult flies and maggots may be obtained it is not desirable to use the same chemical for both purposes since this may increase the development rate of insect resistance.

FLY MAGGOT CONTROL in poultry houses: 12.5 mL DIAZINON 50-E in 50L of spray per 10 m² of floor space. Remove poultry from houses before treatment. Sprinkle or apply a coarse spray on poultry droppings. Use only if poultry are kept on wire and cannot come in contact with the chemical. Repeat treatment if fresh manure is deposited.

N.B. Good sanitation and proper disposal of wastes are necessary in any fly control program.

SUGAR BAIT SPRAYS for knapsack application around doorways, windows and other places where flies congregate: 30 mL DIAZINON 50-E plus 50 g. of sugar in 1 L of water. Repeat applications as fly population warrants.

LIQUID SUGAR BAIT FOR SPRINKLING CAN APPLICATION. Use 2.5mL DIAZINON 50-E and 20 g. of sugar in 1 L. of water and sprinkle lightly over the floor in areas frequented by flies. Burlap bags may be laid out on floors and sprinkled with this mixture. Applications every day or two will generally be required.

INSECTS ON ORNAMENTALS

Apply DIAZINON 50-E thoroughly at rates given below when insects first appear. Repeat as necessary.

Ornamental plants	Pest	Quantity of Diazinon per 1000 L of spray
Arbor vitae	Leaf Miners	1.0 L
Arbor vitae	Bagworms, scale insect (crawlers)	1.5 L
Aralia	Privet mites	1.0 L
Azalea	Privet mites, leaf miners	1.0 L
Birch	Leaf Miners	1.0 L
Boxwood	Leaf Miners	1.0 L
Carnations	Aphids, mites, thrips, caterpillar and leaf miners	1.5 L
Chrysanthemums	Aphids, mites, thrips, caterpillar and leaf miners	1.0 L
Holly	Leaf Miners Pulvinaria and coccus scale Aphids, bud moth: apply when new growth is about .5 cm long and before blossoms open	1.0 L 3.75 L 2.0 L
Ivy	Privet mites	1.0 L
Juniper	Bagworms, scale insect (crawlers) european pine shoot moth	1.5 L
Oak	Leaf miners	1.0 L
Pines	Scale insects (crawlers), european pine shoot moth	1.5 L
Taxus	Scale insects (crawlers), european pine shoot moth	1.5 L

Do not spray during bloom to avoid injury to pollinating insects.

CLOVERMITES INFESTING LAWNS AND SHRUBBERY: To control clover mites and to prevent their migration to an adjoining dwelling, use 1 L of DIAZINON 50-E per 1000 L of water and thoroughly spray the infested shrubbery within an area extending 3 m. from the building. Apply when the mites first appear. Repeat as necessary. Spraying of the lower portion of the house walls and

around window frames may be desirable if migration has taken place. Do not use inside dwellings.

INSECT CONTROL ON LAWNS

For control of insect pests on lawns, around buildings and in other outdoor areas, follow the directions given in the table below. Applications to infested areas should be thorough and should be repeated as necessary to maintain control.

PESTS	CONCENTRATION OF DIAZINON 50-E to use	REMARKS
Ants, sod webworms (lawn moth), sowbugs, Pillbugs, Collembola(Spring tails)	1.5 mL/L water	Apply 48-96 L/100 m ²
Chinchbugs	1.0-1.5 mL/L water	Thoroughly wet the lawn before treatment. Apply 120 L/100 m. Repeat in 7-10 days if necessary
Clovermites, leaf-hoppers, grasshoppers, crickets	1.5 mL/L water	Thoroughly apply to areas around buildings. Repeat every 7 days or as needed for control.
Earwigs	11 mL/L water	Apply only in areas of infestation.
Fleas, ticks	11 mL/L water	Apply 5 L/100 m ²
Millipedes	12 mL/L water	Apply 15-20 L/100 m ²
Leatherjackets	7.5 mL per 10 L water	Apply 100 L/100 m ² . Treat between early October and late May when soil is not frozen. Water lawn thoroughly.

White Grubs (such as European chafer and Japanese beetle larvae)	15 mL in 10 L of water	Apply 100 L/100 m ² . Water grass thoroughly after application. For grub control apply any time between late July and early August.
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GRASSHOPPERS

For control of grasshoppers on ditch banks, roadsides, fence rows, wastelands, non-crop areas, barrier strips, dry sloughs and abandoned farmsteads, apply DIAZINON 50-E at a rate of 1.1 mL. per ha. in sufficient water to obtain thorough coverage when insects first appear. Repeat after 30 days if conditions are warranted. Dairy and beef cattle may not be grazed or fed green forage immediately after application. Hay may be fed if not cut for 21 days following application.

PRECAUTION:

KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes, skin or clothing. Do not store near food or feeds. Do not use for food or feed. Remove all pets, fish bowl and bird cages. Do not use on plastic or asphalt tile. Destroy container after use.

"In meat packing and food processing plants, only spray when plant is not in operation. No exposed meat products, ingredients or packaging materials to be left in the room. Cover food handling equipment. Any treated surface that may contact meat food products or other food products should be washed and rinsed thoroughly with potable water after spraying and before re-use for food processing."

FIRST AID: DANGER - This product contains petroleum distillates. If swallowed, DO NOT induce vomiting. Get medical attention immediately. If on skin, wash thoroughly with soap and water. In eyes, flush with plenty of water for 15 minutes and get medical attention.

TOXICOLOGICAL INFORMATION: Stomach lavage. Diazinon is a cholinesterase inhibitor. Antidote: Atropine sulphate at 1-2 milligrams every 15 minutes may be necessary.

Symptoms: Weakness, headache, tightness in chest, blurred vision, non-reactive pin point pupils, sweating, nausea, diarrhoea and abdominal cramps.

DISPOSAL: Rinse the emptied container thoroughly and add the rinsings to the spray mixture in the tank. Follow provincial instructions for any required additional cleaning of the

container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. 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 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.

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.

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