

86.10.15

((LABEL))

DIAZINON 500 EC

INSECTICIDE

EMULSIFIABLE CONCENTRATE

COMMERCIAL

GUARANTEE : DIAZINON 500 Grams per litre

DANGER POISON

REGISTRATION NO. 11530
PEST CONTROL PRODUCTS ACT

READ THIS LABEL AND ATTACHED BROCHURE BEFORE USING

NET CONTENTS : 4 LITRES

KEMSAN INC.
P.O. BOX 727
OAKVILLE, ONTARIO
L6J 5C1
(416) 845-2271

KEMSAN INC.
C.P. 4835
SAINT-LAURENT, QUEBEC
H7L 4Z5
(514) 332-5744

PRECAUTIONS: Product contains petroleum distillate. Do not store, pour, or use near open flame. Wear mask or respirator when applying spray mist. May be fatal if swallowed. Do not get into eyes. Avoid contact with skin. Avoid inhalation of vapours or spray mist. Wash thoroughly after handling. Avoid contamination of food and feed. Use only as recommended on the label. Do not re-use container, destroy when empty. KEEP OUT OF REACH OF CHILDREN.

FLAMMABLE MIXTURE: Do not use near heat or open flame.

FISH AND WILDLIFE CAUTION: This product is toxic to fish and wildlife. Do not contaminate domestic or irrigation water supplied lakes, streams and ponds.

FIRST AID: Product contains petroleum distillate. If swallowed DO NOT induce vomiting. Obtain medical attention immediately, taking the pesticide container with you. If on skin, remove contaminated clothing and wash skin thoroughly with soap and water. If in eyes, flush with water for 5 - 10 minutes obtain medical attention.

TOXICOLOGICAL INFORMATION: Stomach lavage. Diazinon is a cholinesterase inhibitor. Atropine is antidotal. Obtain medical attention immediately, taking the pesticide container with you.

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.

((PAMPHLET))

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An emulsifiable formulation for structural pest control, fly control in food processing plants, control of insects on lawns, and control of insects on ornamentals.

FLY CONTROL IN FOOD PROCESSING PLANTS: Use 2 L of water in solution and apply as residual spray to the walls and ceilings of food processing plants early in the season before canning or other processing begins. If food processing plants and food service establishments apply only when plant is not in operation. Spraying of unloading docks and other outside areas where flies congregate will aid in controlling flies. Do not use a space spray.

For the control of fly maggots in vine stacks and similar refuse, use 325 mL of Diazinon 500 E.C. 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.

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

CONTROL OF HOUSEHOLD INSECTS BY PEST CONTROL OPERATORS: This emulsifiable concentrate mixes readily with water or deodorized base oil for use in structural pest control. Follow mixing restrictions in the chart. Prepare only one days requirement at a time.

LITRES OF SPRAY MIXTURE DESIRED	MILLILITRES OF DIAZINON 500 E.C. TO USE	
	FOR WATER BASED SPRAY	FOR 0.5%

1.0 Litre	10 mL	20 mL
4.0 Litres (a)	40 mL	80 mL
8.0 Litres (b)	80 mL	160 mL
15.0 Litres	150 mL	300 mL
20.0 Litres	200 mL	400 mL
FOR OIL BASED SPRAY (INDOOR USES ONLY)	FOR 0.5%	FOR 1.0%
1.0 Litres	8 mL	16 mL
4.0 Litres (a)	32 mL	65 mL
8.0 Litres (b)	65 mL	130 mL
15.0 Litres	120 mL	240 mL
20.0 Litres	160 mL	320 mL
NOTE: (a)liquid fill for B&G professional sprayer - 1 U.S. Gal.size (b)liquid fill for B&G professional sprayer - 2 U.S. Gal.size		

COCKROACHES, ANTS, CRICKETS, EARWIGS, AND SILVERFISH IN BUILDINGS: Coarse spray or paint brush application of Diazinon 0.5% 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. Where cockroach infestations are heavy, it is suggested that the first application be made with Diazinon 1% followed by monthly treatment of Diazinon 0.5%. Good sanitary practices are essential for structural pest control.

CARPET BEETLE IN NON-FABRIC AREAS: Use Diazinon 0.5% and thoroughly spray infested areas around baseboards, cracks in the floor and walls and localized areas of floor coverings. Repeat the application if re-infestation occurs.

CLOVER MITES IN BUILDINGS: Apply Diazinon 0.5% 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 0.5% thoroughly spray infested areas around baseboards, windows and door frames, wall cracks, sleeping quarters of household pet and localized areas of floor and floor coverings; applications should be repeated if re-infestations occur. Fresh bedding should be placed in animals quarters following treatments. Do not treat animals with this formulation.

NOTE: When used in dwellings, care should be taken to avoid deposits with which children and pets could come in contact. Care should also be taken to avoid spotting of wallpaper, and fabrics. Do not contaminate food, food containers or cooking utensils.

NOTE: The solvent used in this formulation is a petroleum distillate which may stain certain plastic, rubber and asphalt materials such as tiles, carpets and floor coverings. Do not treat such materials.

CAUTION: In meat packing plants and food processing plants, only spray when plant is not in operation. No exposed food products, ingredients, or packaging materials are to be left in the room. cover food handling equipment. Any treated surfaces 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.

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 re-treated if re-infestation occurs.

PESTS	CONCENTRATION OF DIAZINON 500 EC TO USE	REMARKS
Ants, Sod Webworms (lawn moths), Sowbugs, Pillbugs, Collembola, (spring tails) Chinchbugs	15 mL per 10 litres of water	Apply 50-100 litres per 100 m ²
	7.5-15 mL per 10 litres of water	Thoroughly wet lawn before treatment. Apply 125 litres per 100 m ² . Repeat in 7-10 days if necessary
Clover mites, Leafhoppers, Grasshoppers, Crickets	12 mL in 10 litres of water	Thoroughly apply to areas around buildings. Repeat every 7 days if reinfestation occurs.
Earwigs	110 mL per 10 litres of water	Apply only in areas of infestation
Fleas, Ticks, Chiggers	110 mL per 10 litres of water	Apply 5 litres per 100 m ²
Millipedes	125 mL per 10 litres of water	Apply 15-20 litres per 100 m ²

Leatherjackets (Crane flies)	160 mL per 100 litres of water	Apply 50 litres per 100 m ² . Repeat in 7-10 days if necessary.
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GRASSHOPPERS: For control of Grasshoppers on rangelands, pasture, ditch banks, roadsides, fence rows, wasteland, non-crop areas and banner strips apply 1.1 L of Diazinon 500 EC per hectare in sufficient water to obtain thorough coverage when insects first appear.

For control of Grasshoppers around the margin of field crops apply 1.1 L of Diazinon 500 EC per hectare in sufficient water to obtain thorough coverage when insects first appear. Treat a strip inside the crop as well as headlands and margins outside the crop.

Do not treat field within 14 days of harvest.

Dairy and beef cattle and sheep may be grazed or fed green forage immediately following application. Hay may be fed if not cut for 21 days following application.

NOTE: Do not spray livestock directly.
Do not apply during bloom to avoid injuring pollinating insects.
Do not re-treat for 30 days.

INSECTS ON ORNAMENTALS: Apply Diazinon 500 EC thoroughly at rates given below when insects first appear. Repeat as necessary.

ORNAMENTAL PLANTS	PESTS	QUANTITY OF DIAZINON 500 EC PER 1000 L OF SPRAY
Arbor vitea	Leaf Miners	1 L
Arbor vitea	Bagworms, Scale insects (Crawler stage)	1.5 L
Aralia	Privet Mites	1 L
Azalea	Privet Mites, Leaf Miners	1 L
Birch	Leaf Miners	1 L

Boxwood	Leaf Miners	1 L
Carnations	Aphids, Mites, Thrips, Caterpillars and Leaf Miners	1.5 L
Chrysanthemes	Aphids, Mites, Caterpillars and Leaf Miners	1 L
Holly	Leaf Miners	1 L
	Pulvinana and Coccus Scales	3.7 L
	Aphids, Bud Moths : apply when new growth is about 0.6 cm long and before blossoms open.	2 L
Ivy	Privet Mites	1 L
Juniper	Bagworms, Scale Insects (crawlers) European Pine Shoot Moth	1.5 L
Oak	Leaf Miners	1 L
Pines	Scale Insects (crawlers), European Pine Shoot Moth	1.5 L
Taxus	Scale Insects (crawlers), European Pine Shoot Moth	1.5 L

CLOVER MITES INFESTING LAWNS AND SHRUBBERY: To control clover mites and to prevent their migration to an adjoining dwelling, use 1 L of DIAZINON 500 EC per 1000 L of water and spray thoroughly the infested lawn and shrubbery within an area extending 3 metres 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 dwelling.

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