

85.12.31

DIAZINON 500E

Emulsifiable Concentrate

INSECTICIDE

For Control of Cockroaches  
and other Household Insects  
(By Pest Control Operators Only)  
For Control of Flies in Food Processing Plants  
and For Control of Insects on Ornamentals,  
Lawns and other Outdoor Locations.

COMMERCIAL

20 LITRES

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL BEFORE USING

DANGER POISON

GUARANTEE : DIAZINON 5 g per litre

REGISTRATION NO. 11935  
PEST CONTROL PRODUCTS ACT

CHIPMAN INC.  
Stoney Creek, Ontario  
L8G 3Z1

Longueuil, Quebec  
J4G 1R9

DIAZINON 500E

50% Emulsifiable Formulation of Diazinon  
(Contains 500 g of diazinon per litre)

NOTE: DIAZINON 500E is not intended for use in preparing oil base insecticidal sprays. Users who prefer oil base sprays should use DIAZINON 500S.

#### FLY CONTROL IN FOOD PROCESSING PLANTS

Use 2 L of DIAZINON 500E 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 applications, 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 1/2 pint of DIAZINON 500E in 100 L of water and spray at the rate of 5 L per 10 m<sup>2</sup> 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 programme.

#### CONTROL OF HOUSEHOLD INSECTS (by Pest Control Operators only)

SPRAY FORMULAE: Diazinon 1/2% : thoroughly mix 10 mL of DIAZINON 500E with 1 L of water. Diazinon 1%: Use 20 mL DIAZINON 500E per 1 L of water.

COCKROACHES, ANTS, BOOKLICE, CRICKETS, EARWIGS, MILLIPEDES, SILVERFISH AND SPRINGTAILS IN BUILDINGS: 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, wall 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.

NOTE: When used in dwellings, care should be taken to avoid deposits with which children 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 and floor coverings. Do not treat such materials.

PRECAUTIONS: May be fatal if swallowed. Do not get into eyes. Avoid contact with skin, inhalation of spray mist. Wash thoroughly after handling. Avoid contamination of food and feed. Use only as recommended on label. Do not re-use container; destroy when empty. This product is toxic to fish and wildlife. Do not contaminate domestic or irrigation water supplies, lakes, streams and ponds. Flammable mixture - Do not use or store near heat or open flame.

FIRST AID INSTRUCTIONS: If swallowed, induce vomiting and call a doctor or hospital and have this container or label with you. NEVER give anything by mouth to an unconscious person. If in eyes, flush with water for 15 minutes; then get medical attention. If on skin, wash with plenty of soap and water.

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

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.

#### INSECTS ON ORNAMENTALS

Apply DIAZINON 500E thoroughly at rates given below when insects first appear. Repeat as necessary.

ORNAMENTAL PLANTS	PESTS	QUANTITY OF DIAZINON 500E PER 1000 L OF SPRAY
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Arbor vitae	Leaf Miners	1 L
Arbor vitae	Bagworms, Scale insects (Crawlers)	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
Chrysanthemums	Aphids, Mites, Thrips, Caterpillars and Leaf Miners	1 L
Holly	Leaf Miners	1 L
	Pulvinaria and Coccus Scales	3.75 L
	Aphids, bud moths : Apply when new growth is about 1/4" 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 500E per 1000 L of water and thoroughly spray the infested lawn and 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 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 500E TO USE	REMARKS
Ants, Sod Webworms (lawn moths), Sowbugs, Pillbugs, Collembola (Spring tails)	15 mL per 10 L water	Apply 50 to 100 L of spray mixture per 100 m <sup>2</sup> .
Chinchbugs	7.5 to 15 mL per 10 L water	Thoroughly wet the lawn before treatment. Apply 120 L 100 m <sup>2</sup> . Repeat in 7-10 days if necessary. Apply anytime from June until September but best control is obtained in July.

Clover Mites, Leafhoppers, Grasshoppers, Crickets	12.5 mL per 10 L water	Thoroughly apply to areas around buildings. Repeat every 7 days or as needed for control.
Earwigs	100 mL per 10 L water	Apply only in areas of infestation.
Fleas, Ticks, Chiggers	100 mL per 10 L water	Apply 5 L per 100 m2.
Millipedes	115 mL per 10 L water	Apply 15 to 20 L per 100 m2.
Leatherjackets (Crane flies)	15 mL per 10 L water	Apply 50 L per 100 m2 to short grass from October until March. Repeat in 7-10 days if necessary.

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