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KEMSAN METHOXYCHLOR 240 E.C. INSECTICIDE  
TO CONTROL MOSQUITOES, BLACKFLIES, ALFALFA WEEVIL ELM BEETLE,  
VEGETABLE AND ORNAMENTAL PESTS.

AGRICULTURAL

NET CONTENTS : 4 L/20 L/105 L

GUARANTEE :

METHOXYCHLOR ..... 240 G/L

REGISTRATION NO. 19172

PEST CONTROL PRODUCTS ACT

CAUTION            POISON

READ LABEL BEFORE USING

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TO CONTROL MOSQUITOES, BLACKFLIES, ALFALFA WEEVIL, ELM BEETLE, VEGETABLE AND  
ORNAMENTAL PESTS.

Methoxychlor 240 E.C. Insecticide is an emulsifiable liquid which contains  
240 grams technical Methoxychlor per litre. It is for dilution with water  
and use as a spray to control mosquitoes, blackflies, alfalfa weevil, elm  
beetles and ornamental pests and other listed pests.

CROP USES: METHOXYCHLOR 240 E.C. INSECTICIDE can be used to control certain  
insects on a number of crops. Consult the table below for directions. This  
table shows a range of doses for each use. Use the lower dose when the crop  
is young and infestation is light. Use the higher rate on fully grown crops  
with severe infestations. Apply in sufficient water to obtain thorough

uniform coverage.

CROP	INSECT PESTS	DOSE PER HECTARE	TIMING	LIMITATIONS
ALFALFA, CLOVER	Alfalfa weevil, sweet clover weevil, flea beetles, leafhoppers, grasshoppers	4.6-5.5 L	Apply to foliage when weevil apply infestations occur.	For alfalfa when 60-70% tips show feeding damage.
ALFALFA, CLOVER, WHEAT, OATS, BARLEY, RYE, CORN	Armyworm	7-11 L	Apply to foliage at first sign of infestation Repeat at 7-14 day intervals as needed.	Do not treat during bloom Do not apply later than 7 days before harvest or grazing.
POTATOES	Colorado potato beetle, flea beetles, leafhoppers, blister beetles	3.5-10.5 L	Apply to foliage when infestations occur.	Do not feed treated crop refuse to livestock. Do not apply later than 7 days before harvest.

LIVESTOCK USES: (DO NOT USE ON DAIRY ANIMALS) METHOXYCHLOR 240 E.C. INSECTICIDE can be used to control certain external insect parasites on animals. Prepare a spray by mixing 22 to 45 mL Methoxychlor 240 E.C. with 1 L of water. Use the higher dose for mature animals. Do not use on young animals.

ANIMAL	INSECT PEST	RATE OF DILUTED SPRAY PER ANIMAL	REMARKS	LIMITATIONS
BEEF CATTLE	Hornflies	25-50 mL	Use on animals only. Repeat daily if necessary for control.	Do not use on young animals. Do not apply within 7 days of slaughter.
BACKRUBBERS FOR BEEF CATTLE : (Do not use on dairy cattle) To control hornflies with a self-applicator. Mix 2 L Methoxychlor 240 E.C. with 10 L backrubber oil. Soak backrubber in the solution. Keep the backrubber moist by re-soaking every 2-3 weeks in a fresh solution prepared in the same way. Do not use diesel or fuel oil.				

SHEEP	Ticks	25-50 mL	Apply after shearing. Repeat every 2 weeks.	Use the lower concentration on lambs. Do not apply within 7 days of slaughter.
HORSES	Stable flies, Mosquitoes, Fleas	25-50 mL	Repeat daily if necessary for control.	Use the lower concentration on young animals. Do not apply within 7 days of slaughter.
DOGS	Fleas, Ticks, Lice	Spray lightly	Use on adult dogs only.	Do not use on puppies.

MOSQUITOES AND BLACKFLIES ON NON CROP VEGETATION AND OTHER OUTDOOR AREAS : Adult mosquitoes and blackflies. Avoid treatment of streams, lakes or ponds where valuable fish may be harmed. Ground application using Thermal Fogger - Mix 2.4 L Methoxychlor 240 E.C. with 10 L oil. Apply 0.75 to 1.5 L per hectare of the mixture using thermal aerosol generator. Repeat to control adult biting flies when 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.

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.

BLACK FLIES LARVAE, MOSQUITO LARVAE: Aircraft Application: Apply 4.25 to 5.5 L of mixture per hectare to completely cover the area. BLACK FLY LARVAE : Aircraft Application: apply 425 to 550 mL of mixture per treated hectare using 180 m wide spray swaths on 400 m flight intervals (i.e. 180 m treated and alternating with 220 m untreated swath).

NOTE: Use with care and avoid treatment of streams, lakes or ponds, containing valuable fish which may be harmed.

DWELLINGS : Mosquitoes, Gnats, Wasps, Hornets, Flying Moths, Sandflies, Crickets, Box Elder Bugs, Clover Mites, Carpet beetles, Stored Product Insects : Space and Contact Spray : Mix 25 mL per L of water and use 200 to 400 mL of mixture per 100 m<sup>3</sup> of space. Use as a contact spray for crawling insects. Avoid contamination of food, utensils and surrounding surfaces that may contact food. Remove pets from area before spraying.

MUSHROOM HOUSES: METHOXYCHLOR 240 E.C. INSECTICIDE can be used to control phorid and sciarid flies in mushroom houses between crops and prior to production.

TIME PERIOD	QUANTITY PER 100 L OF WATER	DIRECTIONS	REMARKS

BETWEEN CROPS	2 L	When house is empty - Spray interior walls, windows and woodwork to the point of run-off.	Repeat monthly until Fall filling begins.
PRE-SPAWNING	2 L	Apply 5 L per 100 square metres of surface during cool down when air temperature drops to 32'C.	Do not spray ceilings or beds.
PRE-CASING	2 L	Apply 5 L per 100 square metres of surface 14 days after the pre-spawning spray and at least 4 days before casing.	Do not spray ceilings or beds. This spray can be mixed with dimethoate or malathion - follow Provincial Directions.
PRE-PRODUCTION	2 L	Apply 5 L per 100 square metres of surface 7 days after casing. Use brush to treat sideboards.	Do not spray ceilings or beds. This spray can be mixed with dimethoate or malathion - follow Provincial Recommendations.

ELM TREES : To control native and European Elm Bark Beetles, the principal carriers of the fungus which causes Dutch Elm Disease, apply two sprays. The first should be applied in late winter when the buds are dormant but the temperature is over 5'C. Apply the second in July. This treatment will be effective in reducing the spread of Dutch Elm Disease only if it is carried out in conjunction with good sanitation measures.

TIME OF SPRAY	TYPE OF APPLICATION	SPRAY CONCENTRATION	QUANTITY OF SPRAY MIX PER 15 M TREE
DORMANT	MISTBLOWER	5 L IN 5 L WATER	9 - 11 L
DORMANT	HYDRAULIC	8 L IN 100 L WATER	110 L
SUMMER	MISTBLOWER	2.5 L IN 10 L WATER	9 - 11 L
SUMMER	HYDRAULIC	4 L IN 100 L WATER	110 L

IMPORTANT : User should observe the usual precautions concerning applications of oil-containing products to crops during high temperature, since many crops are then more susceptible to oil injury. Do not use this product with any spray materials which are incompatible with oil.

If exposed to prolonged cold, place in warm storage (10 to 27 'C) for several hours and agitate before using.

PRECAUTIONS : Avoid inhaling spray mist. Avoid contact with skin, eyes and clothing. Avoid contamination of feed and food. Do not contaminate mangers, drinking troughs or utensils. Wash after using. Avoid contamination of ponds, lakes, streams and other bodies of water which contain fish life or which may be used for irrigation or domestic purposes.

FIRST AID : For external contact, wash with soap and water. If in eyes,

flush with plenty of water. This product contains petroleum distillate.

If swallowed do not induce vomiting. If patient is unconscious give him air. Call a doctor immediately.

STORAGE : KEEP OUT OF REACH OF CHILDREN. Store away from food or feed.

CONTAINER DISPOSAL: Do not reuse container. Wash out with water, puncture, crush and dispose of unwanted product and containers in accordance with municipal or provincial regulations. For additional details on clean up of spills contact the regional office of the Environmental Protection Service.

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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