

DANGER

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING

LAOCH 600 EW

ORGANOPHOSPHATE INSECTICIDE

**ACTIVE INGREDIENT: 600 g/litre DIAZINON in the form
of an oil in water emulsion**

GROUP

1

INSECTICIDE

For the control of insect pests in cereals, forage brassicas, ornamentals,
pasture, certain seed crops, apples and pears (non-bearing),
avocados, mandarins, orange, tomatoes (outdoor)
and strawberries.



Registered pursuant of ACVM Act 1997, No. P010022

See www.foodsafety.govt.nz for registration conditions

Approved pursuant to HSNO Act 1996, Approval No. HSR000180

See www.epa.govt.nz for approval conditions

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Registrant:

Kenso Corporation (M) Sdn Bhd

Lot 29, Jalan Sungai Pinang 5/4, Taman Perindustrian
Pulau Indah, 42920 Pelabuhan Klang, Selangor, Malaysia.

NZ Agent:

Kenso NZ Limited

2 Bond Crescent, Forrest Hill, Auckland 0620 New Zealand.
Ph: 0800 536 766

LAOCH 600 EW

ORGANOPHOSPHATE INSECTICIDE

PERSONNEL QUALIFICATION & EXPERIENCE

This product must be under the control of a Certified Handler or an appropriately trained and experienced person during storage, use and disposal. For guidance refer to the requirements for class 6 and 9 substances of the Health and Safety at Work (Hazardous Substances) Regulations 2017 part 4.5 and the Hazardous Substances (Hazardous Property Controls) Notice 2017 Part 4 Subpart C.

HAZARD CLASSIFICATION

Acute oral toxicity Category 4, Acute dermal toxicity Category 4, Acute inhalation toxicity Category 4, Respiratory toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1.

DANGER

Harmful if swallowed, inhaled or absorbed through the skin. May cause reproductive/development damage from repeated ingestion. May cause neurological symptoms following exposure at high doses.

SYMPTOMS OF POISONING

These may include excessive sweating, headache, weakness, faintness, dizziness, nausea, stomach pains, vomiting, small pupils, blurred vision and muscle twitching.

ECOTOXIC

Very toxic to aquatic organisms. Toxic to soil organisms. Very toxic to terrestrial vertebrates and invertebrates. Use this product carefully. Do not contaminate aquatic environments with product, spray drift or empty container. This product is very toxic to bees. Do not apply this product to any plant or tree likely to be visited by bees at the time of application, immediately after application until the spray has dried, or in areas where bees are foraging. The person applying this substance must not cause adverse effects beyond the boundary of the treated property, and must also avoid adverse effects from spray drift occurring. Mitigation measures employed must be documented as part of the application process.

STORAGE

Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, seeds, insecticide, fungicides and fertilisers. Storage must be in accordance with NZS 8409 Management of Agrichemicals.

DISPOSAL

Triple rinse empty container and add residue to spray tank. Recycle empty container through Agrecovery (0800 247 326, www.agrecovery.co.nz). Otherwise, submit empty containers to a local authority approved waste receipt facility. DO NOT reuse this container for any other purpose.

FIRST AID

If swallowed DO NOT induce vomiting. If splashed in eyes, wash out immediately with running water for several minutes. If skin or hair contact occurs, remove contaminated clothing and wash with soap and running water. If inhaled, immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. Call the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately for advice.

SAFETY DATA SHEET

A Safety Data Sheet is available from Kenso NZ website www.kenso.co.nz

CONDITIONS OF SALE

Kenso Corporation (M) Sdn. Bhd. will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Kenso Corporation (M) Sdn. Bhd. is limited to the replacement of the goods or (at the option of Kenso Corporation (M) Sdn. Bhd.) the refund of the price paid and where possible sufficient part of the goods to enable proper examination being returned to Kenso Corporation (M) Sdn. Bhd. within thirty days of delivery.



EMERGENCY RESPONSE
Ring 0800 CHEMCALL, or
0800 243 622 (24 hours)

Product of China



9 421028 661706



Batch No.:

Date of Manufacture:

UN NO: 3082
ENVIRONMENTALLY
HAZARDOUS SUBSTANCE,
LIQUID, N.O.S.
(CONTAINS DIAZINON)
PACKING GROUP III
HAZCHEM 2Z



In a transport emergency dial 111,
Police or Fire Service.
For specialist advice in an emergency
only, call 0800 243 622 (24 hours).

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Kenso Corporation (M) Sdn Bhd
2 Bond Crescent, Forrest Hill,
Auckland 0620 New Zealand
Phone: 0800 536 766



HAZARDOUS CLASSIFICATION

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UN NO: 3082



**ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S.**

(CONTAINS DIAZINON)

PACKING GROUP III, HAZCHEM ZZ

CONTAINS SPILLAGE, CLASS 9

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Police or Fire Service.**

**For specialist advice in emergency only,
call 0800 243 622 (24 hours)**

not apply this product to any plant or tree likely to be visited by bees at the time of application, immediately after application until the spray has dried, or in areas where bees are foraging. The person applying this substance must not cause adverse effects beyond the boundary of the treated property, and must also avoid adverse effects from spray drift occurring. Mitigation measures employed must be documented as part of the application process.

HANDLING PRECAUTIONS

PERSONAL PROTECTION

Avoid contact with eyes and skin. Avoid inhalation of vapour or spray mist. When mixing, loading, applying or entering into treated areas, wear chemical resistant coveralls with hood tightly fitting at head, wrists and ankles, chemical resistant boots and gloves, and full face respirator (organic vapour and particulate matter - minimum specification) or half mask respirator (organic vapour and particulate matter - minimum specification) and eye protection.

EQUIPMENT

Apply using accurately calibrated and maintained equipment in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409).

Flush equipment thoroughly with clean water after use according to Cleaning Spray Equipment instructions below. Dispose of cleaning water according to the disposal instructions below.

STORAGE

Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, seeds, insecticide, fungicides and fertilisers. Storage must be in accordance with NZS 8409 Management of Agrichemicals.

DISPOSAL

Triple rinse empty container and add residue to spray tank. Recycle empty container through Agrecovery (0800 247 326, www.agrecovery.co.nz). Otherwise, submit empty containers to a local authority approved waste receipt facility. DO NOT reuse this container for any other purpose.

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Batch No :

Date of Manufacture :

SPILLAGE

Exclude non-essential people from the area. Wear protective clothing as specified above. Prevent the product or spilled material from entering waterbodies. Absorb liquid spills with inert material such as earth, clay or sand and place in sealable waste containers. Wash area with detergent and water and absorb with further inert material. Dispose of recovered product and contaminated material in an approved hazardous substances waste management facility or local authority transfer facility capable of hazardous waste disposal.

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SAFETY DATA SHEET

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Record Keeping: Records of use as described in NZS 8409 Management of Agrichemicals must be kept.

Restricted Entry Interval (REI): 24 hours

The person in charge is responsible for making sure no person enters the application area before the end of the REI. For indoor areas, if tasks relating to the ventilation of the building or building structure are necessary before the REI, a person may enter if the Personal Protective Equipment and Respiratory Protective Equipment required for application is worn.

GROUP	1	INSECTICIDE
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RESISTANCE MANAGEMENT

Laoch 600 EW Insecticide contains the organophosphorus compound diazinon. Resistance to this insecticide could develop from excessive use. To minimise this risk, use strictly in accordance with label instructions. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the insect pests listed on this label.

GENERAL INFORMATION

Laoch 600 EW Insecticide is a water based organophosphate insecticide which has contact and stomach activity against a wide range of insect pests.

Notification:

A person applying Laoch 600 EW Insecticide in a wide dispersive manner must give written notice to anyone likely to be directly affected (ie. occupiers of land, property, buildings or houses immediately next to the application area). Notification must be given at least 2 working days and no more than four weeks before each application. Written notice must include: location of application 4 area, date and approximate duration of each application, steps to be taken to avoid exposure, name or organisation applying the product and contact details for the person in charge of the application including phone number for immediate contact during application.

MIXING

Laoch 600 EW Insecticide mixes readily with water. Add the required amount into the partly filled spray tank then add the rest of the water with agitation. Continue agitation while spraying.

COMPATIBILITY

Laoch 600 EW Insecticide may be tank mixed with most insecticide and some fungicide formulations. Flocculation may occur in combination with Iprodione 500 SC (i.e. Lavar 500 SC Fungicide), Dodine SC, Carbaryl SC and Captan or where hard water is used. If used in combination with emulsifiable concentrate formulations, the mixture should be tested before use. Do NOT mix with copper sprays, Bordeaux mixture or lime sulphur.

It is an offence to use this product off-label.

DIRECTION FOR USE

Do not exceed the specified rates or application frequencies.

FRUIT CROPS

The rates suggested for foliar application are for high volume spraying to run-off. For concentrate spraying, adjust dilution rate accordingly. Shake or roll container thoroughly before use. The addition of a wetting agent at manufacturer's label rates to all foliar applications of Laoch 600 EW Insecticide will enhance insect control.

Indoor application: The use of Laoch 600 EW Insecticide indoors is only permitted if it is applied by automatic application equipment.

Crop	Pest	Rates	Critical comments
Apples, Pears (Non-Bearing Trees Only)	Leaf Curling Midge	Ground - 4 L/ha	Apply as a single application prior to the emergence of Midge adults. Apply to the area beneath the trees to the dripline or over the entire orchard floor where the orchard has been recently replanted or regrafted. Ensure the ground is free of vegetation and trash. The action of rain or irrigation during application is desirable to move the active ingredient into the soil.
		Foliar – 80 ml/100L	Apply at tight cluster in September to coincide with first generation egg hatch. Repeat post- petal fall if first generation egg hatching is still occurring, or for a later generation of egg hatch. Note: Do NOT use over the pink to petal fall period.
	Woolly apple aphid, San Jose scales, Mealy bug, Aphids	80 ml/100L	Make the first application at green tip in combination with a spraying oil and a second application as required in combination with a black spot fungicide.
	Leafroller	Foliar - 80 ml/100L	Use from petal fall onwards.
Avocados	Leafroller, Mealy Bug, Thrips, Scale Insects	80 ml/100L	Apply as required. Tank mix with carbaryl at label rates.
Mandarins, Oranges	Aphids, Australian Citrus Whitefly, Mealy Bug, Scale Insects, Thrips	80 ml/100L	Apply as required. Tank mix with horticultural spray oil to improve scale control.

GROUND CROPS

The rates suggested are for low volume broadcast application in 200 litres of water/ha, with increasing water rates as necessary for more leafy vegetable crops. A rate of 50 litres of water/ha is suitable for aerial application to pasture.

Crop	Pest	Rates	Critical comments
Cereals	Aphids	1 L/ha in 200L water/ha	Up to 2 applications per crop cycle may be made for aphid control however this is to be reduced to 1 application if an application is made for grass grub control. WHP: 14 days
Cereals (Autumn/Winter)	Grass Grub	4 L/ha in 250-300L water/ha	Apply no more than one application per season within 12 weeks of sowing but not before mid-August. Boom sprays are effective only if heavy continuous rain prevents the spray from drying before it is washed into the soil. Application must be during or followed immediately by heavy rain (at least 13mm) or irrigation. WHP: Apply within 12 weeks of sowing and not after mid-August.
Forage Brassicas	Springtails	460 ml/ha	Apply 1-2 days before emergence of the crop.
	Army Worm, Diamond Back Moth	1 L/ha	Spray early morning or late evening when the insects are actively feeding. Treat the first sign of damage when most of the caterpillars are small.
Ornamentals	Aphids, Thrips, Caterpillars	80 ml/100L	Apply at first sign of damage and repeat 10-14 days later if necessary. Do not apply more than 2 applications per crop cycle.
Pasture	Grass Grub	4 L/ha	Apply during falling rain, during February to April when grubs are small and near the surface. Pasture must be short, hard grazed with moist soil. Applications must be followed by about 13 mm of rain within a week for best results. Do NOT apply to heavy clay or peaty type of soils.
	Porina	1.5 to 2 L/ha	Apply to short grazed pasture, preferably in the late afternoon when frost is NOT expected. Use the higher rate when caterpillars are large and numerous or if pasture is dense.
	Armyworm	1 L/ha	Apply in the early morning or late afternoon when caterpillars are actively feeding.
	Lucerne Flea	460 ml/ha	Apply when insects first appear in autumn and repeat in 4 weeks if necessary.
	Springtails	400 ml/ha	Apply in a tank mix with glyphosate when spraying out pasture prior to planting crops such as forage brassicas.
Seed Crops (Clover, Grass, and Vegetable)	Grass Grub	4 L/ha	Apply during falling rain, during February to April when grubs are small and near the surface. Applications must be followed by about 13 mm of rain within a week for best results. Do NOT apply to heavy clay or peaty type soils. Do NOT apply more than once per season.
Strawberry (Bearing Plants)	Aphids	1.25 L/ha	Apply as a single application pre-flowering.
Strawberry (Non-Bearing Runner Plants)	Aphids	1.25 L/ha	Apply pre-flowering.
Tomatoes (Outdoor)	Aphids, Caterpillars, Thrips	1.3 L/ha	Apply at first sign of insects and repeat as necessary.

Note: Apply no more than 2 applications of Laoch 600 EW Insecticide per year or per crop cycle at a maximum rate of 4L/ha.

WITHHOLDING PERIODS

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Reside Levels for Agricultural Compounds.

Apples, Pears	Use on Non-Bearing Trees Only
Avocados	14 days
Mandarins, Oranges	21 days
Cereals	Refer to directions for use
Forage Brassicas	Nil
Pasture	Nil
Strawberries (Bearing)	Use Pre-Flower Only
Tomatoes (Outdoor)	14 days
Export Crops	Contact your exporter or industry crop adviser.

Keep ducks, geese and hens off treated areas for 7 days following spraying to control surface feeding insects.