

# DANGER

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING

# DIYAK 150 SC INSECTICIDE

**ACTIVE INGREDIENT: 150 g/litre S-INDOXACARB in the form of a suspension concentrate.**

**GROUP 22 INSECTICIDE**

For the control of diamond back moth, and cabbage white butterfly in vegetable brassicas, leaf roller caterpillars in kiwifruit, soybean looper in lettuce, codlingmoth and leafroller caterpillars (light brown apple moth, green-headed leafroller, brown-headed leafroller) in apples and pears and leafroller caterpillars in grapes.



Registered pursuant to ACVM Act 1997, Approval No. P010000

See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions

Approved pursuant to HSNO Act 1996, Approval No. HSR000583

See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions

**NET CONTENTS: 5 L**

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

# DIYAK 150 SC INSECTICIDE

## PERSONNEL QUALIFICATION & EXPERIENCE

This product must be under the control of 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 toxicity, oral Category 4, Skin Sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to terrestrial vertebrates and terrestrial invertebrates

## TOXICITY

Toxic – May cause damage to the hematopoietic and nervous system from repeated oral exposure at high doses. Harmful – May be harmful if swallowed, inhaled or absorbed through the skin. May cause sensitization from prolonged skin contact.

## ECOTOXIC

VERY TOXIC TO TERRESTRIAL INVERTEBRATES. Harmful to aquatic organisms with long lasting effects. Harmful to terrestrial vertebrates.

## STORAGE

Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, seeds, and fertilisers. Storage must be in accordance with NZS 8409 Management of Agrichemicals. Stores containing more than 100 Litres require emergency response plans and secondary containment systems, and are subject to signage.

## DISPOSAL

Dispose of this product only by using to the label or at an approved landfill. Triple rinse empty container and add residue to spray tank. Recycle empty container through Agrecovery (0800 247 326, [www.agrecovery.co.nz](http://www.agrecovery.co.nz)). Recycle empty container. Otherwise, crush and bury in a suitable landfill. Do NOT use the container for any other purpose. Avoid contamination of any water supply with chemical or empty container.

## FIRST AID

If swallowed do NOT induce vomiting. If splashed in eyes, wash out immediately with running water for several minutes. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately.

## SAFETY DATA SHEET

A Safety Data Sheet is available from the Kenso NZ website: [www.kenso.co.nz](http://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 661652



UN NO: 3082  
ENVIRONMENTALLY HAZARDOUS  
SUBSTANCE, LIQUID, N.O.S.  
(CONTAINS S-INDOXACARB)  
PACKING GROUP III  
HAZCHEM 3Z  
CLASS 9



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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Harmful – May be harmful if swallowed, inhaled or absorbed through the skin. May cause sensitization from prolonged skin contact.

### ECOTOXIC

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### SPILLAGE

Wear appropriate protective clothing and prevent material from entering waterways. Absorb spill with an inert material (such as vermiculite, clay granules or synthetic absorbent) and place in a labelled, sealable container for disposal. Wash the spill area with water and an alkaline detergent, then absorb the washings and place in the same sealable container. Dispose of the container in an approved landfill or under at least 50cm of soil in a non-crop, non-pasture area away from water sources and homes.

EMERGENCY RESPONSE  
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0800 243 622 (24 hours)

UN NO: 3082



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

**(CONTAINS S-INDOXACARB)**

**PACKING GROUP III,  
HAZCHEM 3Z, CLASS 9**

**In a transport emergency dial 111,  
Police or Fire Service.**

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

### STORAGE

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### DISPOSAL

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### PERSONAL PRECAUTION

When mixing and preparing spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, boots, impervious gloves, and goggles or face shield. Wash splashes of concentrate from skin and eyes immediately. Use only outdoors or in well-ventilated area. Do NOT eat, drink or smoke while using this product. Remove protective clothing and wash hands and exposed skin thoroughly with soap and water before meals and after work. Wash protective clothing immediately after use. Store work clothing separately.

### FIRST AID

If swallowed do NOT induce vomiting. If splashed in eyes, wash out immediately with running water for several minutes. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately.

### SAFETY DATA SHEET

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### RECORD KEEPING

Records of use must be kept.

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

It is an offence to use this product on animals.

#### DIRECTION FOR USE

CROP	PEST	RATE	REMARKS
Cabbage, cauliflower, broccoli, brussels, sprouts.	Diamondback moth, cabbage white butterfly	500 ml/ha in a minimum of 250 L of water/ha.	Apply at the first signs of insect presence and repeat at 7-14 day intervals. Alternatively, monitor insect populations and apply when the economic thresholds are reached. Resistance management: Do NOT apply more than 4 applications in any one season.
Kiwifruit	Leaf roller caterpillars	25 ml/100 L of water (minimum of 500 ml/ha)	Apply one application through flowering up to 7 days after fruit set when the largest fruitlet is less than 10 mm in length. DO NOT use Diyak 150 SC Insecticide if flowering is extended or if any fruitlet is more than 10 mm in length. Follow the current Kiwigreen Crop Protection recommendations for export crop withholding periods. Refer to the bee safety statement before spraying. Apply an alternative insecticide as recommended for the rest of the season.
Head lettuce (outdoors)	Soybean looper (Thysanoplosia orichalcea)	500 ml/ha in a minimum of 250 L of water/ha	Apply at 7-14 day intervals or on monitoring thresholds. Resistance management: DO NOT apply more than 4 applications in any one season.
Apples and pears	Codling moth, leafrollers	40 ml/100 L of water (minimum of 800 ml/ha)	Apply at petal fall and repeat at 14 day intervals. Alternatively monitor insect populations as per IPM guidelines and apply Diyak 150 SC Insecticide when thresholds are exceeded. DO NOT apply more than 4 applications in any one season.
Grapes	leafrollers	35 ml/100 L of water (adjust accordingly for concentrate spraying)	Apply at 80% capfall with a second application, if required, up to pre-bunch closure. Allow a minimum interval of 14 days between applications. Use a non-ionic surfactant/ wetter at the recommended rate. Ensure thorough spray coverage. Apply a maximum of two sprays per season.

#### WITHHOLDING PERIOD

Vegetable brassicas: DO NOT apply within 3 days of harvest.

Kiwifruit: DO NOT apply more than 7 days after fruit set or when any fruitlet is greater than 10 mm in length.

Head lettuce (outdoors): DO NOT apply within 3 days of harvest.

Apples and pears: DO NOT apply within 5 days of harvest.

Grapes: DO NOT apply after bunch closure or within 56 days of harvest.

#### RESISTANCE MANAGEMENT

#### GROUP 22 INSECTICIDE

Diyak 150 SC Insecticide contains the Group 22 Insecticide Indoxacarb (Oxadiazine sodium channel blocker). Resistance to this insecticide could develop from excessive use. To minimize this risk use strictly in accordance with the label instructions. Avoid using this pesticide exclusively all season, and avoid unnecessary spraying. Do not use another product containing an insecticide in the same group in conjunction with Diyak 150 SC Insecticide. For further information see [www.resistance.nzpps.org](http://www.resistance.nzpps.org). Maintain good cultural practices:

**Apples and pears:** Do not apply more than four sprays per season.

**Brassicas:** Do not apply more than four applications in any one season. Refer to the diamond back moth resistance strategy for the appropriate timing window.

**Grapes:** Do not apply more than two sprays per season.

**Kiwifruit:** Apply only one spray through flowering up to 7 days after fruit set. Apply an alternative insecticide as recommended for the rest of the season.

**Lettuce:** Do not apply more than 4 applications in any one season. Alternate insecticide applications between different insecticide groups.

#### MIXING

Shake the container well before use. For larger containers roll or invert the container before use. Add the required quantity of Diyak 150 SC Insecticide to a half filled spray tank of clean water. Disperse thoroughly using mechanical or hydraulic agitation while adding the remainder of water. Continue to agitate while spraying or restarting after a stoppage. A wetter or surfactant is not required.

#### COMPATIBILITY

Diyak 150 SC Insecticide may be tank mixed with most commonly used fungicides, insecticides, surfactants and foliar fertilisers. Do not mix with very alkaline materials.

#### BEE SAFETY

Activity of honey bees will not be disrupted provided that Diyak 150 SC Insecticide is applied in non-foraging periods and once the spray had dried.

#### CONDITION OF SALE

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Batch No. :

Date of Manufacture :