

# WARNING

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING

# PREVAKEN 200 SC

INSECTICIDE

ACTIVE INGREDIENT: 200 g/litre CHLORANTRANILIPROLE in the form of a suspension concentrate.

GROUP

28

INSECTICIDE

For the control of certain species of insect pests in a range of vegetable crops.



Registered pursuant to ACVM Act 1997, Approval No. P009860

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

Approved pursuant to HSNO Act 1996, Approval No. HSR007969

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

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Registrant:

**Kenso Corporation (M) Sdn Bhd**

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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

# PREVAKEN 200 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

Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

## ECOTOXIC

Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. DO NOT apply into/onto water. Avoid contamination of any water supply with product or empty container. DO NOT allow spray drift outside the target areas.

## 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 100 litres of Prevaken 200 SC Insecticide require signage and secondary containment, and more than 100 litres require emergency response plans.

## DISPOSAL

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)). 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. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. Rinse mouth. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. DO NOT scrub the skin.

If in eyes, wash out immediately with water for at least 15 minutes. Seek medical attention. If inhaled move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped.

## 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



Batch No.:  
Date of Manufacture:

11/22

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



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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### SPILLAGE

Where appropriate wear protective clothing. Prevent liquid from entering sewers or bodies of water. Absorb spills in earth or sand and sweep up. Dispose of waste material by liaising with the local city, district or regional Councils for disposal options. Otherwise dispose of at a hazardous substances receival facility or local authority waste transfer station.

### PERSONAL PROTECTION

Avoid contact with skin or eyes and inhalation of spray mist. When handling wear chemical resistant: eye protection, gloves, boots and coveralls. Wear respiratory protection to at least Organic Vapour Protection level if inhalation of mists or vapours is likely. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work.

### SPRAY EQUIPMENT CLEANOUT

Immediately following application, thoroughly clean all spray equipment to reduce the risk of hardened deposits forming which might become difficult to remove. Drain spray equipment, thoroughly rinse sprayer and flush hoses, boom and nozzles with clean water.

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UN NO: 3082



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

**(CONTAINS CHLORANTRANILIPROLE)  
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)**

Clean all other associated application equipment. Take all necessary safety precautions when cleaning equipment. DO NOT clean near wells, water sources or desirable vegetation. Dispose of waste rinse water in accordance with local regulations.

### COMPATIBILITY

Experience to date suggests Prevaken 200 SC Insecticide is compatible with other commonly used fungicides (such as mancozeb), insecticides and foliar fertilisers (such as Calcium chloride, Calcium nitrate). Since formulations may be changed and new ones introduced, it is recommended that users premix a small quantity of the desired tank mix and observe possible adverse changes (settling out, flocculation etc).

### 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 100 litres of Prevaken 200 SC Insecticide require signage and secondary containment, and more than 100 litres require emergency response plans.

### DISPOSAL

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)). Otherwise, submit empty containers to a local authority approved waste receival facility. DO NOT reuse this container for any other purpose.

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## DIRECTIONS FOR USE

It is an offence to use this product on animals.

DO NOT apply if rainfall is expected within 2 hours of application.

DO NOT use on container or hydroponic grown crops.

**EXPORT STATEMENT:** Import tolerances for produce treated with Prevaken 200 SC Insecticide may be pending in some countries. Consult with your exporter or Kenso NZ Limited before applying Prevaken 200 SC Insecticide to export crops.

CROP	PEST	RATE/HA	WHP	CRITICAL COMMENTS
Vegetable brassicas including Broccoli Brussels sprout Cabbage Cauliflower	Cabbage white butterfly ( <i>Pieris rapae</i> ) Tropical army worm ( <i>Spodoptera litura</i> )	100 mL + non ionic surfactant (refer to surfactant section)	7 days	All crops - Regularly scout crops to monitor for eggs and larvae. Target sprays against eggs and newly hatched larvae before they become entrenched. Apply as egg and larvae reach threshold numbers. A maximum of three applications are to be applied to any one crop. No more than two consecutive sprays per crop, with a minimum spray interval of 7 days. Further treatments should be made with alternative mode of action insecticides. Restrict the use of Prevaken 200 SC Insecticide to the allocated Insect Resistance Management strategy window for your area. Use enough water to ensure thorough coverage of the crop. Adjust water volumes to crop stage (200-1000 L/ha).
Lettuce (leaf & closed head varieties)	Tomato fruit worm ( <i>Heliothis</i> ) ( <i>Helicoverpa armigera</i> )	DO NOT apply more than 300 mL/ha per season.	3 days	
Leafy vegetables including - Silver beet Spinach and Asian vegetables including Pak choy and Wong bok	Diamondback moth ( <i>Plutella xylostella</i> ) Soybean looper ( <i>Thysanoplusia orichalcea</i> )			
Potato	Potato tuber moth ( <i>Phthorimaea operculella</i> )		14 days	Apply at first sightings of moths or first appearance of foliage mining and repeat at 7-14 day intervals. DO NOT apply more than 3 applications per season. Further treatments should be made with alternative mode of action insecticides. Moth larvae in the soil or within stems will not be controlled. Control of tuber moth is assisted by maintaining soil moisture at an adequate level by irrigation and good soil coverage over the developing tubers.

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

## WITHHOLDING PERIODS

### HARVEST

**Broccoli, Brussels sprout, Cabbage, Cauliflower:** DO NOT harvest for 7 days after application.

**Lettuce, Silver beet, Spinach and Asia vegetables:** DO NOT harvest for 3 days after application.

**Potatoes:** DO NOT harvest for 14 days after application.

### GRAZING

DO NOT graze or feed treated produce to stock.

## GENERAL INSTRUCTIONS

Prevaken 200 SC Insecticide has been specifically designed for use in Integrated Pest Management (IPM) programmes. Prevaken 200 SC Insecticide is an anthranilic diamide insecticide in the form of a suspension concentrate. Prevaken 200 SC Insecticide is particularly active on Lepidopteran insect pests, primarily as a larvicide. Before application monitor insect populations to determine whether or not there is a need for application of Prevaken 200 SC Insecticide based on locally determined economic thresholds. More than one treatment of Prevaken 200 SC Insecticide may be required to control a population of pests.

Prevaken 200 SC Insecticide can be used in Integrated Pest Management (IPM) programmes. Harmful to some beneficial insects – particularly some foliage dwelling predators which may be used in Integrated Pest Management.

**BEE SAFETY:** Activity of honey bees will not be disrupted provided Prevaken 200 SC Insecticide is applied in non-foraging periods and once the spray has dried.

## INSECTICIDE RESISTANT MANAGEMENT

**GROUP 28 INSECTICIDE**

Some naturally occurring insect biotypes resistant to Prevaken 200 SC Insecticide and similar Mode of action insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Prevaken 200 SC Insecticide and other similar mode of action insecticides are used repeatedly. The effectiveness of Prevaken 200 SC Insecticide on resistant individuals could be significantly reduced. Since the occurrence of resistant individuals is difficult to detect prior to use Kenso accepts no liability for any losses that may result from the failure of Prevaken 200 SC Insecticide to control resistant insects.

Prevaken 200 SC Insecticide may be subject to specific resistance management strategies. To help prevent the development of resistance to Prevaken 200 SC Insecticide, use Prevaken 200 SC Insecticide in accordance with the current Insecticide Resistance Management (IRM) strategy for your region.

## APPLICATION

Apply using clean, well maintained and accurately calibrated ground-based spray equipment (only). Set the boom low and use coarser nozzles and low pressures to avoid spray drift. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in the substance leaching into ground water. Due to the persistent nature of chlorantraniliprole in soil, this product is expected to accumulate over successive seasons following repeated use.

### MIXING

Fill spray tank to ¼ to ½ full of water. Measure the amount of Prevaken 200 SC Insecticide required for the area to be sprayed. Add Prevaken 200 SC Insecticide directly to the spray tank with the agitation engaged. Mix thoroughly to disperse the insecticide. Once dispersed, the material must be kept in suspension at all times by continuous agitation. Use mechanical or hydraulic means, DO NOT use air agitation, premix or slurry. If spray solution is left standing, ensure thorough re-agitation of the spray mix until fully resuspended. DO NOT allow spray mix to sit overnight, as resuspension may be difficult.

### SURFACTANT/WETTING AGENT

For broccoli, brussels sprout, cabbage, cauliflower, use a non-ionic surfactant/ wetting agent at the highest rate recommended for hard to wet crops. For lettuce, spinach, silver beet, Asian vegetables and potato use a non-ionic surfactant/wetting agent at the rate recommended for easy to wet crops. DO NOT add a non-ionic surfactant/wetting agent if:

- mixing with another product which already contains a surfactant and/or the product label advises not to add a surfactant.
- mixing with a liquid fertiliser.

### RECORD KEEPING

Records of use, as described in NZS 8409 - Management of Agrichemicals must be kept.

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