

# DANGER • ECOTOXIC

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING

# BRUTUS 200 SC

INSECTICIDE

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

Insecticide for the control of diamondback moth and white butterfly in vegetable brassica, Kelly's citrus thrip in citrus, mushroom flies (sciarids, cecids and phorids) in mushrooms and thrips in onions.



Registered pursuant to ACVM Act 1997, No. P009977

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

Approved pursuant to HSNO Act 1996, Approval No. HSR100916

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

**NET CONTENTS: 5L**

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

# BRUTUS 200 SC INSECTICIDE

## HAZARD CLASSIFICATION

Acute toxicity, oral, Category 4; Acute toxicity, dermal, Category 4; Acute toxicity, inhalation, Category 4; Specific target organ toxicity (repeated exposure), Category 1; Harmful to terrestrial vertebrates; Harmful to terrestrial invertebrates; Harmful to aquatic environment, acute and chronic, Category 1.

## 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.

## TOXICITY

Danger-Causes damage to the nervous system from repeated oral exposure at high doses. Warning-Harmful if swallowed, inhaled or absorbed through the skin.

## ECOTOXIC

**VERY TOXIC TO AQUATIC ORGANISMS.** Do NOT contaminate surface water such as ponds, waterways or drains with product or used container. Do NOT spray over, or allow drift over, surface water. Do NOT contaminate water when disposing of equipment wash waters.

**TOXIC TO TERRESTRIAL VERTEBRATES.** Remove domestic animals from the operating area. Do NOT allow spray drift outside the target area to occur.

**VERY TOXIC TO TERRESTRIAL INVERTEBRATES.** Toxic to bees. Spray must NOT contact plants in flower if they are likely to be visited by bees.

**Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.**

## STORAGE

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

## DISPOSAL

Dispose of this product only by using to the label or at an approved hazardous substance waste facility. 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, submit to a local authority waste receipt facility. 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. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If splashed in eyes, wash out immediately with water. If skin or eye irritation persists, get medical advice. 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



9 421028 661560

**KENSO NZ**  
Together we grow

Batch No.:

Date of Manufacture:

07/22

UN NO: 3082  
ENVIRONMENTALLY HAZARDOUS  
SUBSTANCE, LIQUID, N.O.S.  
(CONTAINS FIPRONIL)  
PACKING GROUP III,  
HAZCHEM 2Z,  
CLASS 9



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

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# **BRUTUS**

# **200 SC**

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Auckland 0620 NZ  
Phone: 0800 536 766



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### **TRANSPORT**

Do not carry this product on passenger service vehicles.

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

**UN NO: 3082**



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

**(CONTAINS FIPRONIL)**

**PACKING GROUP III, HAZCHEM 2Z**

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

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

### **RECORD KEEPING**

Records of use must be kept.

### **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 hazardous substance waste facility. 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, submit to a local authority waste receival facility. Do NOT use the container for any other purpose. Avoid contamination of any water supply with chemical or empty container.

### **PERSONAL PRECAUTION**

When mixing and preparing spray, avoid contact with skin or inhalation of spray mist. Wear chemical resistant: coveralls, boots, impervious gloves, and goggles or face shield. Use respiratory protection with organic vapour filtration/canisters minimum specification. 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. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately.  
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### **SAFETY DATA SHEET**

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**EQUIPMENT**  
Apply using accurately calibrated and maintained equipment in accordance with The New Zealand Standard for the Management of Agrichemicals (NZS 8409).

**SPILLAGE**  
Extinguish all ignition sources, evacuate the spill area, and prevent any product from entering drains. Wear appropriate protective clothing. Use a full-face mask with an organic vapour canister if ventilation is inadequate. 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.

**MIXING**  
Shake the container well before use. For larger containers roll or invert the container before use. Add the required quantity of Brutus 200 to a half filled spray tank of clean water, top up with water, add an adjuvant where recommended, and mix thoroughly before use.

**COMPATIBILITY**  
Brutus 200 may be tank mixed with most commonly used fungicides, insecticides, surfactants and foliar fertilisers.

**It is an offence to use this product on animals.**

**DIRECTIONS FOR USE**

CROP	PEST	RATE	REMARKS
Vegetable brassica	Diamondback moth White butterfly	120 ml in approximately 500 litres water per hectare.	Use a suitable non-ionic wetter. Treatments should commence in response to scouting thresholds and be repeated at 7-10 day intervals depending on insect pressure and weather conditions. Spray to achieve even coverage to the point of run off. Do NOT apply more than four times in any one cropping season. Alternative insecticides with a different mode of action should be used at other times to prevent pest resistance development. Follow the published Resistance Management Strategy.
Citrus	Kelly's citrus thrip	10 ml in 100 litres water	Apply in a high volume spray to the point of runoff. Apply at the end of flowering and repeat at 14 day intervals during the 6-8 week period following flowering. Do NOT make more than 4 applications in any one season. Do NOT apply to trees in flower if they are likely to be visited by bees.
Cultivated mushrooms	Mushroom flies (sciarids, cecids and phorids)	16 ml per 300 litre bale of peat moss	Incorporate thoroughly during the preparation of casing. Mixing: Add the correct volume of Brutus 200 to the water to be used in the preparation of casing and mix well. Apply mixture to peat moss and ensure thorough mixing.
Onions	Thrips	150 to 200 ml in approximately 500 litres water per hectare.	Use a suitable surfactant. Spray to achieve even coverage to the point of run off. Treatments should commence in response to scouting thresholds and be repeated at 7-10 day intervals, depending on thrip numbers and weather conditions, as a cluster of 3 or 4 sequential sprays. Do NOT apply more than four times in any one cropping season. Alternative insecticides with a different mode of action should be used at other times to prevent pest resistance development. Follow the published Resistance Management Strategy.

**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 PERIOD**

Vegetable brassicas: 7 days  
Mushrooms: 14 days  
Onions: 3 days  
Citrus: 42 days  
Ensure the withholding period is strictly adhered to, especially in multi-flowering crops such as lemons.

**RESISTANCE MANAGEMENT**

Brutus 200 contains an insecticide with the GABA-gated chloride channel antagonist mode of action. Individual members of a pest population could be resistant to Brutus 200 due to natural genetic variation. To minimise the risk of resistant insects dominating the population do not apply more than 4 times in any one season and use products containing insecticides from a different mode of action group at other times. Follow the published crop specific resistance management strategies. See [www.nzpps.org](http://www.nzpps.org) for further information.

**CONDITION OF SALE**

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