

WARNING

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING

SPIRON 240 SC

INSECTICIDE

**ACTIVE INGREDIENT: 240 g/litre SPIROTETRAMAT in the form of
a suspension concentrate.**

GROUP

23

INSECTICIDE

A systemic insecticide for the control of apple leafcurling midge and armoured scales in apples,
pear leafcurling midges in pears, mealy bug in grapes, armoured scales in kiwifruit,
Kelly's citrus thrips, Australian Citrus Whitefly and armoured scales in citrus,
and thrips, mealy bug in blueberries and tomato/potato psyllid
in the field tomatoes and potatoes.

Registered pursuant of ACVM Act 1997, Approval No. P010052

See www.foodsafety.govt.nz for registration conditions

Approved pursuant to HSNO Act 1996, Approval No. HSR101437

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

SPIRON 240 SC 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

Eye irritation Category 2, Skin sensitisation Category 1, Reproductive toxicity Category 2, Hazardous to the aquatic environment chronic Category 2.

WARNING

May cause eye irritation and sensitization from prolonged skin contact.

ECOTOXIC

Harmful to aquatic organism with long lasting effects. Not to be applied directly onto or into water. 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 animal and human foodstuffs and remedies, seeds, 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 exposed or concerned, get medical advice. If in the eyes, wash out immediately with running water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. If skin contact occurs, remove contaminated clothing and wash with soap and running water. If inhaled, immediately move to fresh air immediately. 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 the 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



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UN NO: 3082
ENVIRONMENTALLY
HAZARDOUS
SUBSTANCE, LIQUID, N.O.S.
(CONTAINS SPIROTETRAMAT)
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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HANDLING PRECAUTIONS PERSONAL PROTECTION

Do not eat, drink or smoke while handling, mixing or applying. Wear chemical resistant protective clothing including: coveralls, gloves, footwear, eye protection and respiratory protection (to Organic Vapour minimum specification), when loading or applying. Remove protective clothing and wash hands and face thoroughly before meals and after work.

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0800 243 622 (24 hours)

UN NO: 3082



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

(CONTAINS SPIROTETRAMAT)

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

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Police or Fire Service.**

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

STORAGE

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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 receival facility. DO NOT reuse this container for any other purpose.

SPILLAGE

Wear protective clothing as specified above. Prevent the product or spilled material from entering water bodies. 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.

RESISTANCE MANAGEMENT

GROUP **23** INSECTICIDE

Spiron 240 SC Insecticide contains spirotetramat from the inhibitors of acetyl CoA carboxylase Lipid synthesis, growth regulation mode of action (Group 23). Resistance to this insecticide could develop in some situations from repeated use. To minimize this risk, use strictly in accordance with label instructions. Do not apply more than 3 applications per season.

Spiron 240 SC Insecticide is a systemic (xylem and phloem mobile) insecticide belonging to the chemical class of ketoenols for the control of apple leafcurling midge and armoured scales in apples, mealy bug in grapes and armoured scales in kiwifruit.

It is an offence to use this product on animals.

DIRECTION FOR USE

Mixing
SHAKE CONTAINER WELL BEFORE USE. Before opening and use, ensure the suspension is thoroughly mixed. For larger containers, invert and roll several times to resuspend the formulation. Pour Spiron 250 SC Insecticide directly into the spray tank with agitators running. Maintain agitation until spraying is complete.

Maximum applications

Apples, Grapes, Kiwifruit, Pears – 2
Blueberries, Citrus – 3

RECOMMENDATION

The rates suggested for use in apples is for high volume spraying of a dilute spray to the point of run-off. For concentrate spraying adjust dilution rate accordingly.

Crop	Pest	Rate	Comments
Apples	Apple leafcurling midge (ALCM)	20 mL/100 litres of water	Apply Spiron 240 SC Insecticide to coincide with periods of peak ALCM egg laying. Apply between mid-November and mid-December for control of the second generation and again between mid-January and early February for control of the third generation.
	Armoured scales	20 mL/100 litres of water	Apply Spiron 240 SC Insecticide to target scale crawler release periods. For the first generation of San Jose scale control apply between mid-November and early December, and for the second generation as required from late January to the second week of February. For Oystershell scale control (South Island only) apply between mid-December and mid-January. There is a risk of fruit russet occurring to russet-prone varieties when applied under cold or slow-drying conditions.
Blueberries	Thrips Mealy bug	62.5 mL/100 litres of water	Apply at 14-21 day intervals, up to 3 times per season, using sufficient water to obtain good coverage.
Citrus	Kelly's citrus thrips	40 mL/100 litres of water	Apply after flowering when pest thresholds are reached and repeat if needed before calyx closure and pre-harvest. Use a maximum of 3 applications per season, with at least 14 days between the first two applications and no more than two applications should be made within 90 days of harvest
	Australian Citrus whitefly	20 mL/100 litres of water	
Field tomatoes, Potatoes	Tomato potato psyllid	350 mL/ha with 1 litre/ha esterified vegetable oil	Make two applications early in the season at 7 day intervals as part of a programme, in sufficient water to ensure good coverage of all foliage. If large numbers of adult tomato/potato psyllid are present, add a knockdown insecticide. DO NOT apply during flowering.
Grapes	Mealy bug	62.5 mL/100 litres of water	Make a maximum of two applications when new season's shoots are 20-50cm long, or just prior to flowering or immediately after flowering. Do not apply later than 10 days after flowering. Apply in 500 litres of water/ha. Do not apply in a water rate that will result in run-off.
Kiwifruit	Armoured scales	20 mL/100 litres of water	Make two applications, the first at green-tip and the second pre-flowering.
Pears	Pear leafcurling midge (PLCM)	20 mL/100 litres of water	Apply Spiron 240 SC Insecticide to coincide with periods of peak pear leafcurling midge egg laying, either just prior to flowering or immediately after flowering.

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

Apples:	14 days
Blueberries:	7 days
Citrus:	21 days
Field Tomatoes and Potatoes:	35 days
Grapes:	Do not apply after 10 days post-flowering.
Kiwifruit:	Apply only pre-flowering.
Pears:	35 days.

Post-harvest grazing in apples, pears, citrus and kiwifruit orchards: Livestock that have been grazing in treated orchards/vineyards must be removed from treated areas and placed on clean feed for two months prior to slaughter or milking.

Leaf plucking in Vineyards: Sheep must not be sent for slaughter or milked for 2 months after being removed from the vineyard (and placed on clean feed).

EXPORTS

If you growing produce for exports, please check with the relevant industry body for the latest information on any potential trade issues and their management before using Spiron 240 SC Insecticide.

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Batch No. :

Date of Manufacture :