5578

ECOTOXIC

PyGanic®

Organic Insecticide

ACTIVE INGREDIENT: 13 g/L pyrethrins
in the form of an emulsifiable concentrate.

PyGanic is a fast acting, botanical insecticide derived from Chrysanthemums
that provides short term control of several insect pests
by contact action on fruit and vegetable crops
as per the Directions for Use table.
READ LABEL COMPELETLY BEFORE USING

Net Contents: 3.78 litres

Registrant:
Sumitomo Chemical Australia Pty Ltd
ABN: 21 081 096 255
51 Rawson St, Epping, NSW 2121
Phone: (02) 8752 9000

(Bar code: 9 328477002755)

NZ Distributor:
Key Industries Ltd.,
15D Paul Matthews Rd, Rosedale, Auckland 0632
Phone: 09-917 1791

MINISTRY FOR PRIMARY INDUSTRIES
NEW ZEALAND
23/10/2024

GHS CLASSIFICATION:



Respiratory sensitisation Category 1, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to terrestrial invertebrates.

This product must not be used for any purpose or in any manner, contrary to this label unless authorised under appropriate legislation.

TOXICITY:

May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. May cause organ damage through prolonged or repeated exposure.

ECOTOXIC:

Very toxic to bees and other terrestrial invertebrates. Spray must not contact plants in flower while bees are present.

Toxic to aquatic life. Spray must not be applied onto or into water. Avoid contamination of any water supply with chemical or empty container.

HANDLING PRECAUTIONS:

PERSONAL PROTECTION:

Keep out of reach of children. Avoid contact with skin and eyes and avoid breathing spray mist. When mixing or applying, wear protective clothing, impervious gloves and footwear. If clothing becomes contaminated, remove immediately. Do not eat, drink or smoke while using. Wash hands and exposed skin thoroughly with soap and water before meals and after work. Wash protective clothing daily after work and before re-use.

STORAGE: Store in original container, tightly closed, in a cool dry place away from foodstuffs, heat or open flame. Collect spillage

DISPOSAL: Triple rinse container and add residue to spray tank. Puncture and bury in a suitable landfill. Avoid contamination of any water supply with chemical or empty container.

FIRST AID:

If swallowed do NOT induce vomiting. If inhaled and if breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If on skin: Wash with plenty of soap and water. If skin irritation or rash occurs, get medical advice/attention. If splashed in eyes, wash out immediately with water. If exposed or if you fee unwell or for advice: Call a POISON CENTRE 0800 POISON (0800 764 766) or doctor/physician.

Transport: Do not carry more than 1.0 L of **PyGanic** on a passenger service vehicle.

Record Keeping: Records of use as described in NZS 8409 Management of Agrichemicals must be kept if using more than 3L of **PyGanic** within 24 hours.



GENERAL INFORMATION: PyGanic is a fast acting, botanical insecticide derived from Chrysanthemums. It controls a broad range of insect pests by contact action on fruit, vegetable and ornamentals crops.

MIXING: Add **PyGanic** to water at the recommended rate and mix well before spraying. Maintain agitation or agitate frequently while spraying. Mix only enough for immediate use.

COMPATIBILITY: Do not mix **PyGanic** with lime sulphur, Bordeaux mixture or any other alkaline materials. This product may be tank mixed with other insecticides, acaricides, fungicides, adjuvants, and wetting agents. This application should conform to accepted precautions and directions for both products. Tank mix applications must be made in accordance with the more restrictive of label limitations and precautions. NO label application rates may be exceeded. This product cannot be mixed with any product with label prohibitions against such use. Prior to tank mixing conduct a small-scale physical compatibility test using the proper proportions of products and water to ensure the physical compatibility of the mixture.

It is an offence to use this product on animals.
DIRECTIONS FOR USE: To ensure good control, complete coverage of the target crop is necessary.
RECOMMENDATIONS: Do not apply in direct sunlight or when temperatures exceed 32°C. **Best applied just before dusk or early morning before sun is at strength**. Spraying should begin when insects first appear. Do not wait until the plants are heavily infested. Repeat as required to maintain effective control. It is recommended that the final spray mix be buffered to a pH of 5.5 – 7.0. When first using **PyGanic** always treat a few plants of each species or varieties to ensure crop safety before treating large areas.

PEST	RATE	COMMENTS
Greenhouse thrip (Avocados)	100 ml/100 litres	Monitor pest presence and spray when first observed on fruit. High numbers can occur late summer and through the autumn. 3 – 4 applications at 21-day intervals may be necessary.
Greenhouse thrip (Citrus)	100 ml/100 litres	Monitor pest presence and spray when first observed on fruit. High numbers can occur in late summer and autumn. 3 – 4 applications at monthly intervals may be necessary.
Passion vine hopper (Kiwifruit)	100 ml/100 litres	Monitor pest presence and spray when first observed. Apply with a water rate of over 2000 litres per hectare. Apply early evening to dusk when the Passion Vine Hopper is less mobile due to cooler temperatures. Repeat application as necessary at 10-14 day intervals.
Aphids, earwigs, pear slug (Ornamentals)	100 ml/100 litres	Monitor pest pressure and spray when first observed. Repeat application as necessary at 10-14 day intervals.
Bronze / Grass grub beetles (Grapes)	1 litre in 300 litres water / ha	Apply at dusk / early evening when beetle flights begin in the Spring. Ensure complete coverage of the vine foliage. A repeat application may be necessary. Monitor flights and leaf damage and re-spray as necessary.

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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 Compound.

WITHHOLDING PERIOD: 1 day

Resistance prevention or management

GROUP	**3**	**INSECTICIDE**

PyGanic contains the GROUP 3 insecticide, pyrethrin. Do not use another product containing an insecticide in the same group in conjunction with **PyGanic** when applying the resistance prevention or management guidelines below. Resistance to this insecticide could develop from excessive use. To minimise this risk use strictly in accordance with label instructions and resistance management strategies (www.nzpps.org/resistance) that exist for any insect pest on this label.

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URBAN & INDUSTRIAL PEST CONTROL

Indoor spraying using : ULV mister (misting) or motorised knapsack

Apply PyGanic at 200mls/1000 m^3.

Mix PyGanic in sufficient water to obtain coverage. Apply at least 2.0L of mixed diluent per 1000 m^3

Indoor application using : Thermal fogging with fogging agent

Mix 100mls PyGanic plus 200mls fogging agent (eg Fog-It). Apply at least 200mls of diluent per 1000 m^3.

MPI Approved Type A (All animal product except dairy).

The insecticide may only be used in edible areas as a space spray provided that, before use, all edible products and packaging material except canned products, are removed from the room. After using this insecticide, the room must be adequately ventilated, and all food surfaces thoroughly washed with potable water before edible products and packaging material are returned to the room.

AsureQuality approved – Category A - Food/beverage/dairy factory and storage areas

Outdoor use: for short term control of mosquitoes and flies using: **ULV mister or misting application equipment:**

Apply PyGanic at 1.0L per ha in sufficient water to get coverage. Usual rate for ULV application is 30 - 50L spray solution per ha.

Outdoor use using **Thermal fogging equipment,**

Mix 300mls PyGanic with 200mls fogging agent (eg Fog-It) plus 500mls of water. Apply 3.5 L of mixture per ha

Important Notice

These goods are to be used only for the purpose and as specified on the label, and are not suitable for any other purpose. To the fullest extent permitted by law, we do not accept or bear any liability on any basis for any loss, damage, cost or expense, arising in any way, directly or indirectly, in connection with the goods.

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See www.foodsafety.govt.nz for registration conditions
Approved pursuant to the HSNO Act 1996, Approval Code HSR000051
See www.epa.govt.nz for approval controls.

® **PyGanic** is a registered trademark of McLaughlin Gormley King Company, MN, USA

Registrant:
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51 Rawson St, Epping, NSW 2121

NZ Agent:
Sumitomo Chemical Co. Ltd.,
342 Lambton Quay, Wellington

Distributor:
Key Industries Ltd., 15D Paul Matthews Rd,
Rosedale, Auckland 0632
Phone: 09-917 1791

Batch No:
Date of Manufacture:
Expiry Date: 24 months from date of manufacture. If you have product older than 24 months please ask your supplier for advice.

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