TECHNICAL DATA SHEET

READY-TO-USE INSECTICIDE

MAC SLAY with NATURAL PYRETHRINS

MAC Slay Natural®

MAC Slay® Insecticide with Natural Pyrethrins is produced by Arandee Limited, a MacGregor Greer company. It is formulated with the backing of 50 years of expertise in border biosecurity and public health. The MAC Slay product line provides a full range of border biosecurity and professional pest control products which are widely used by professional pest controllers, businesses and government.



MAC Slay® is a highly effective pest control solution formulated with 100% natural pyrethrum, derived from Chrysanthemum flowers. Harnessing nature's own insecticidal properties, synergised to enhance its knockdown and kill rate.

Approved by both the Australian Pesticides and Veterinary Medicines Authority (APVMA) and the New Zealand Ministry for Primary Industries (MPI), it is trusted for use in sensitive environments such as food manufacturing, hospitality, healthcare, and education facilities. It is a fast-acting broad-spectrum insecticide conveniently packed in hermetically sealed, ready-to-use aerosol formats. The MacGregor Greer group ISO9001 accredited, which acts as the framework to ensure optimal quality control throughout the entire supply chain, from sourcing and manufacturing through to traceability.

CERTIFICATIONS

- Australian Pesticides and Veterinary Medicines Authority
  APVMA approval: 94646APVMA
- Ministry of Primary Industries
  MPI approval: Type A (all animal product except dairy)
- Environmental Protection Authority of New Zealand
  EPA Approval: HSR002515
- ISO9001:2015

APPLICATION

- Eliminates unwanted flying and crawling pest insects

DISCHARGE RATE

- 1g/s ±0.02g/s

MODALITY/ACTIVE

- Active constituents: Pyrethrum 50:50 at a rate of 9g/kg in conjunction with a synergist 45g/kg piperonyl butoxide, to enhance efficacy
- Target Site: Pyrethrins act on the nervous system of insects.
- Mechanism: They interfere with voltage-gated sodium channels in nerve cell membranes.
- Effect: This disruption causes prolonged nerve firing, leading to:
  - Rapid knockdown
  - Loss of coordination
  - Paralysis
  - Death

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CHARACTERISTICS

- Fast-acting: Pyrethrins provide quick knockdown of insects.
- Broad-spectrum: Effective against a wide range of flying and crawling insects.
- Low mammalian toxicity: Due to rapid breakdown in warm-blooded organisms, making it safer for use in sensitive environments.
- Biodegradable: Breaks down quickly in the environment, reducing residual impact

COUNTRY OF ORIGIN

- Active Ingredient source: Tasmania, Australia
- Manufactured: New Zealand

FEATURES

- Dry spray micromist technology for improved suspension
- Non-staining
- Ready-to-use aerosol
- Fragrance-free, low odour

TRACEABILITY

- Batch number tracked. GS1 registered

PROPERTIES

Colour	Colourless
Odour	Characteristic, slightly ethereal
Specific Gravity (base)	0.76

SAFETY

- 18-bar high-pressure hermetically sealed can
- Comply with issued safety data sheet
- 48-month shelf life from DOM
- For professional use only
- Rapid breakdown in the environment

STORAGE & HANDLING

- Refer to safety data sheet
- Protect from direct sunlight
- Do not expose to temperatures exceeding 50°C
- Keep out of reach of children
- Contents under pressure
- Keep away from heat, hot surfaces, sparks, open flames & sources of ignition

PRODUCT CODE	SIZE (g/ml)	ACTUATOR	UNITS/CARTON (each)	GROSS WEIGHT (kg)
SLAYNAA5A	312g	Multi-shot	12	5.70