



# GARRARDS

PTY LTD

ABN: 74 010 648 325

BRISBANE - GOLD COAST -  
TOWNSVILLE - ALBION -  
NEWCASTLE - SYDNEY -  
MELBOURNE - ADELAIDE - PERTH -  
DARWIN - AUCKLAND -  
CHRISTCHURCH - CAMBRIDGE

PO Box 5477, Brendale MDC  
QLD 4500  
Phone: 07 3881 1693  
Fax 07 3881 1781

Page 1 of Total 3

Date of issue: 10<sup>th</sup> January, 2007; Version 2.0

## Material Safety Data Sheet

'Not classified as hazardous according to criteria of Worksafe Australia'

### IDENTIFICATION

**PRODUCT NAME: Garrards Pyrethrin Drift Insecticide**

**U.N. Number:** 1993  
**Dangerous Goods Class:** 3.1  
**Hazchem code:** 3YE  
**Poisons Schedule:** 5  
**Packaging Group:** III

#### Use:

A Pyrethrin based insecticide for the control of various insects pests inside and outdoors by Professional Pest Control operators as per the directions for use table.

**ALWAYS READ LABEL COMPLETELY BEFORE USING THE PRODUCT**

#### Physical Description / properties (of product):

**Appearance:** Straw coloured liquid  
**Odour:** Mild solvent smell  
**Boiling point:** 190 - 210°C  
**Vapour Pressure:** 0.14 kPa @ 20°C  
**Per cent volatiles:** 98%  
**Flammability Limits:** 1-8%

Product is immiscible with water and is stable under normal use and storage conditions.

#### Other properties:

Chemical entity:	CAS No.:	Proportion:
Pyrethrins	8003-34-7	0-5%
Piperonyl Butoxide	51-03-6	20-25%
Liquid Hydrocarbons	800-20-6	>75%

Other ingredients are non hazardous chemicals to 100% w/w

**HEALTH HAZARD INFORMATION****Health effects:**

**Garrards Pyrethrin Drift Insecticide** may cause to sensitive skin severe allergic dermatitis and allergic reactions. Poisoning from large amounts may cause nausea, vomiting, tinnitus, headache and other CNS disturbances.

Swallowed: Harmful if swallowed causing irritation  
Eye: May produce irritation upon ocular contact  
Skin: May produce irritation and dermatitis to sensitive skin  
Inhalation: Over exposure may cause irritation to respiratory system

**Chronic Toxicity:**

Pyrethrins are of low toxicity. Data available does not indicate any cumulative toxicity.

THERE ARE NO KNOWN HEALTH CONDITIONS AGGRAVATED BY EXPOSURE. NONE OF THE INGREDIENTS ARE LISTED UNDER US NTP, OSHA, IARC AS KNOWN OR POTENTIAL CARCINOGENS.

**First Aid:** If poisoning occurs contact a Doctor or Poisons Information Centre. *Phone Australia 131 126 or New Zealand 03 474 7000.*

Swallowed: DO NOT induce vomiting. Give a glass of milk or water. Seek medical attention immediately.

Eyes: Holding eyelid open, wash eyes with copious amounts of fresh water for at least 15 minutes. Seek medical attention immediately.

Skin: Remove contaminated clothing and wash skin with soap and water.

Inhalation: Move to an outside area with fresh air and seek medical attention if patient experiences breathing difficulty.

Advice to Doctor: Treat poisoning symptomatically as required.

**PRECAUTIONS FOR USE**

**Exposure limits:** Pyrethrins: NOEL: 10mg/kg bw/day (rats)  
ADI: 0.04mg/kg bodyweight (man)  
PEL: 5mg/m<sup>3</sup>

**Ventilation:** No special ventilation requirements are necessary when used outdoors as directed however indoors ensure adequate natural ventilation.

**Personal Protection:** Keep out of reach of children and pets. When opening the product container and using the product, wear gloves and adequate clothing to protect exposed skin. An eyewash should be included in a first aid kit available to product users.

**Flammability:** Highly Flammable. Eliminate all ignition sources.

**SAFE HANDLING INFORMATION**

- Storage and Transport:** Store in the closed original container in a dry, well ventilated area, as cool as possible but out of direct sunlight away from access by children or animals. Dangerous Good 3.1 for transport. Packaging Group III.
- Spills and Disposal:** Remove all sources of ignition. Contain and sweep up all spilled material using absorbent such as vermiculite or similar material and place in a labelled container for disposal as per State regulations. DO NOT flush spilled material down drains or contaminate waterways. DO NOT incinerate spilled product or containers. Wear rubber gloves, overalls and eye goggles or face shield.
- Fire / Explosion Hazard:** Highly flammable. Eliminate all ignition sources. Wear full protective clothing and self contained breathing apparatus when fire fighting. Use water fog, foam, CO<sub>2</sub> or dry chemical. CO, CO<sub>2</sub> and other organic compounds may be formed during combustion.

**OTHER INFORMATION**

- Environmental:** Pyrethrins are highly toxic to fish and other aquatic organisms, however they have little residual activity and break down rapidly upon exposure to sunlight. Avoid contamination and run off to the aquatic environment.

This MSDS has been prepared in accordance with the requirements of WorkSafe Australia and from information available from the manufacturer.

Contact point: Mr A Garrard Ph 07 3881 1693 or emergency services 000

**National Poisons Information Centre AUSTRALIA 13 1126  
or New Zealand 03 474 7000**

*The information above is correct and accurate to the best of our knowledge. However no warranty, expressed or implied is made as to its accuracy or completeness of data herein. Further research and investigation may be required for your particular use of this product.*