SAFETY DATA SHEET

Garrards Pty Ltd	Date Issued: 24 June 2026
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1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT:
Garrards Pyrethrin Drift

COMPANY IDENTIFICATION:
Garrards Pty Ltd
PO Box 5477
Brendale, Queensland 4500

USE: A Pyrethrin based insecticide for the control of various insect pests inside and outdoors by professional pest control operators as per directions of use.

2. HAZARDOUS IDENTIFICATIONS:

Not hazardous according to criteria of Safe Work Australia.

GHS Classification of the substance/mixture

- Hazardous to the aquatic environment (acute) – category 1

Signal Word(s): DANGER

Hazard Statement(s)

- H400 Very toxic to aquatic life

Precautionary Statement(s) – General

- P101 If medical advice is needed, have product container, label or SDS at hand
- P102 Keep out of reach of children
- P103 Read label before use

Pictogram(s)
Environment



Precautionary Statement(s) – Prevention

- P202 Do not handle until all safety precautions have been read and understood
- P260 Do not breathe mists or spray
- P271 Use only outdoors or in a well ventilated area
- P280 Wear protective gloves, clothing, eye and face protection
- P284 Wear respiratory protection

Precautionary Statement(s) – Response

- P302+P352 If on skin: wash with plenty of soap and water.
- P304+P340 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.
- P308+P313 If exposed or concerned: get medical advice/attention.
- P333+P313 If skin irritation or rash occurs: get medical advice/attention.
- P363 Wash contaminated clothing before reuse.

3. COMPOSITION / INFORMATION ON INGREDIENTS:

Ingredients	CAS Reg. No.	Conc.
Pyrethrins	8003-34-7	0-5%
Piperonyl Butoxide	51-03-6	20-25%
Liquid hydrocarbons	800-20-6	>75%
Other non-hazardous ingredients		balance

4. FIRST AID:

If poisoning occurs, immediately contact a doctor or Poisons Information Centre (telephone 13 11 26), and follow the advice given. Show this Safety Data Sheet to a doctor.

NOTE TO PHYSICIAN: Treat symptomatically. This product contains liquid hydrocarbons which may cause allergic dermatitis, nausea, vomiting, tinnitus or headaches

5. FIRE FIGHTING MEASURES:

FLASH POINT: C1 Combustible liquid. Flash Point above 70^{o}C

FLAMMABILITY LIMITS: 1 – 8%

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam, water fog.

FIRE AND EXPLOSION HAZARDS: CO, CO_2 and other organic compounds may be formed during combustion.

FIRE-FIGHTING EQUIPMENT: When fighting fires involving significant quantities of this product, wear safety boots, non-flammable overalls, gloves, hat goggles and self-contained breathing apparatus. All skin should be covered.

6. ACCIDENTAL RELEASE MEASURES:

ACTION TO TAKE FOR SPILLS:
In case of spills it is important to take all steps necessary to:

- Remove all sources of ignition
- Avoid eye and skin contact.
- Avoid contamination of waterways.

1. Keep all bystanders away.
2. Wear full-length clothing, rubber gloves and eye goggles or faceshield.
3. Reposition any leaking containers so as to minimise further leakage.
4. Dam and absorb spill with an absorbent material (e.g. vermiculite, sand or soil).
5. Place contaminated material in a labeled container for disposal as per state regulations.
6. DO NOT flush down drains or incinerate spilled product or containers.

7. HANDLING AND STORAGE:

Store in its closed original container in a cool, dry, well ventilated area out of direct sunlight. Keep away from access by children or animals.

8. EXPOSURE CONTROL / PERSONAL PROTECTION:

EXPOSURE GUIDELINES:
Pyrethrins: NOEL: 10 mg/kg bw/day (rats), ADI: 0.04 mg/kg bw (man), PEL: 5 mg/m^3

ENGINEERING CONTROLS: Natural ventilation only except in confined spaces where a local exhaust fan should be provided while handling the concentrate.

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS: Eye washing and shower facilities available.

EYE / FACE PROTECTION: Face and eye protection should be worn. For help in selecting suitable equipment consult AS 1336 and AS/NZS 1337.

SKIN PROTECTION: Wear chemical resistant PVC or rubber gloves. Wear cotton overalls and washable cotton hat. Wear boots. For help in selecting suitable gloves consult AS 2161. For help in selecting suitable clothing consult AS 2919. For help in selecting boots consult AS/NZS 2210

RESPIRATORY PROTECTION: Avoid inhaling spray mist. For help in selecting suitable equipment consult AS/NZS 1715.
APPLICATIONS AND ALL OTHER HANDLERS: After handling this product always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Straw coloured liquid.
ODOUR: Mild solvent odour
SOLUBILITY IN WATER: Immiscible
SPECIFIC GRAVITY: 0.82
BOILING POINT: 190 - 210^{0}C
PER CENT VOLATILES: 98%
CORROSIVENESS: Non corrosive

10. STABILITY AND REACTIVITY

STABILITY: This product is unlikely to spontaneously decompose.

INCOMPATIBILITY: No data available.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Water.

HAZARDOUS POLYMERIZATION: This product is unlikely to spontaneously polymerise.

11. TOXICOLOGICAL INFORMATION:

Pyrethrins active ingredient:
Dermal LD_{50} (rabbit) 300 mg/kg
Oral LD_{50} (rat) 200 mg/kg

12. ECOLOGICAL INFORMATION:

Pyrethrins are very 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 into the aquatic environment.

Pyrethrins active ingredient:
96hr LC50 (rainbow trout) = 0.05 mg/L
48hr EC50 (daphnia pulex) = 0.02 mg/L

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHOD: Dispose of empty, used containers by;

(a) Triple rinsing with water. Add the rinsings to the tank mix or dispose of rinsate in a disposal pit away from desirable plants and roots, and watercourses. On-site disposal of undiluted product is unacceptable.
(b) Breaking, crushing or puncturing the containers to prevent reuse.
(c) Disposing of as per state regulations. DO NOT burn empty containers or product.

14. TRANSPORT INFORMATION:

DANGEROUS GOODS: Exempt AU01 according to Australian DG Code 7 for the Transport of Dangerous Goods by Road & Rail.

Classified as Dangerous Goods by the International Maritime Dangerous Goods Code (IMDG) Code) for transport by sea and by IATA for transport by air.

UN Number 3082

SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS LIQUID, N.O.S (CONTAINS PYRETHRINS)
Dangerous Goods Class 9
Packing Group III
Marine Pollutant
Hazchem 2Z

15. REGULATORY INFORMATION:

POISON SCHEDULE: None
Signal word: None

This product is registered with the Australian Pesticides and Veterinary Medicines Authority.
APVMA number 55684

16. OTHER INFORMATION:

All information in this data sheet is provided in good faith and is believed to be correct. Each user should consider the information in this safety data sheet within the context of their particular application as Garrards Pty Ltd cannot anticipate or control conditions under which this product may be used. Garrards Pty Ltd will not be responsible for any damages arising out of the use or reliance upon the information in this safety data sheet. No expressed or implied warranties are given other than those implied mandatory by Commonwealth, State or Territory legislation.

Please read all labels carefully before use.

Contact: **Emergency Services**
Ph: 000

Poisons Information Centre
Australia 13 11 26
New Zealand 03 474 7000