

MATERIAL SAFETY DATA SHEET



Garrards NZ Pty Ltd	Date Issued: 18/01/08
Unit 4, 27B Cain Road	Reviewed Date: 13/02/08
Penrose, Auckland, NZ	Product Code:
Ph: (09) 526 5232	

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT: Country Alphacypermethrin PC 100

COMPANY IDENTIFICATION:

Accensi Pty Ltd (Manufacturer)
Lot 96 Potassium Street
Narangba, Queensland 4504, Australia
Ph: (07) 3897 2000

Garrards NZ Pty Ltd (Distributor)
Unit 4, 27B Cain Road
Penrose, Auckland, New Zealand
Ph: (09) 526 5232

USE: Synthetic Pyrethroid Insecticide

2. COMPOSITION / INFORMATION ON INGREDIENTS:

Ingredients	CAS Reg. No.	Conc.
Alpha-Cypermethrin	67375-30-8	100g/L
Aromatic hydrocarbon	64742-94-5	VHIGH
Other ingredients determined non-hazardous.		MED

Proportion (% weight per weight): VHIGH >60, HIGH 30-60, MED 10-29, LOW 1-9, VLOW <1

3. HAZARDOUS IDENTIFICATIONS:

HSR approval pending

Hazard classification:

HSNO: 3.1D, 6.1D, 6.3B, 6.9B, 9.1A, 9.3B, 9.4A
WARNING, TOXIC
COMBUSTIBLE LIQUID – KEEP AWAY FROM SOURCES OF IGNITION

POTENTIAL HEALTH EFFECTS: This section includes possible adverse effects, which could occur if this material is not handled in the recommended manner.

EYE: May cause irritation

SKIN: May cause sensitisation

INGESTION: Harmful if swallowed. Do not induce vomiting. Seek immediate medical advice.

INHALATION: Harmful by inhalation

SYSTEMIC (other target organ):

CANCER INFORMATION: Chronic feeding studies on animals do not indicate cumulative toxicity and show that the compound is not a carcinogen.

TERATOLOGY (Birth defects): Chronic feeding studies on animals do not indicate cumulative toxicity and show that the compound is not a teratogen.

REPRODUCTIVE EFFECTS: No data available.

4. FIRST AID:

If poisoning occurs, immediately contact a doctor or **National Poisons Centre (0800 POISON)**, and follow the advice given. Show this Material Safety Data Sheet to a doctor.

EYE: Rinse immediately with plenty of water for at least 15 minutes, holding eye open and taking care to rinse under eyelids as well. If irritation persists seek medical attention.

SKIN: Wash off skin immediately with soap and plenty of water. Remove all contaminated clothing and shoes. Seek medical advice if irritation persists. Launder contaminated clothing before re-use.

INGESTION: Wash out mouth with water. Do not induce vomiting. Keep patient at rest and seek medical advice.

INHALATION: Remove victim to fresh air. Seek medical advice if symptoms are experienced.

NOTE TO PHYSICIAN / FIRST AIDERS: Alpha-cypermethrin is a synthetic pyrethroid. Treat Symptomatically.

5. FIRE FIGHTING MEASURES:

FLASH POINT: 62 °C closed cup.

EXTINGUISHING MEDIA: Water fog (or if unavailable fire water spray), foam, carbon dioxide or dry chemical extinguishers.

FIRE AND EXPLOSION HAZARDS: Evacuate immediate area. Remove drums from site of fire, if possible, as overheating may cause some of the

MATERIAL SAFETY DATA SHEET



Garrards NZ Pty Ltd	Date Issued: 18/01/08
Unit 4, 27B Cain Road	Reviewed Date: 13/02/08
Penrose, Auckland, NZ	Product Code:
Ph: (09) 526 5232	

drums to rupture. Cool surrounding containers with a fine water spray.

FIRE-FIGHTING EQUIPMENT: Wear full protective equipment, including breathing apparatus. May evolve toxic vapours if involved in a fire.

6. ACCIDENTAL RELEASE MEASURES:

ACTION TO TAKE FOR SPILLS: In the event of a major spill, prevent spillage from entering drains or watercourses. Evacuate the spill area and deny entry to unnecessary and unprotected personnel. Immediately call the Fire Brigade. Wear full protective clothing including face mask, face shield and gauntlets. All skin areas should be covered. Thoroughly launder protective clothing before storage or re-use. Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. Sweep up and shovel or collect recoverable product into labeled containers for recycling or salvage. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Full details regarding disposal of used containers, spillage and unused material may be found on the label. If there is any conflict between this MSDS and the label, instructions on the label prevail. Dispose of only in accord with all regulations. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

7. HANDLING AND STORAGE:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in the original container, tightly closed, in a safe place. Keep away from foodstuffs. Ensure containers are correctly labeled and securely sealed.

8. EXPOSURE CONTROL / PERSONAL PROTECTION:

EXPOSURE GUIDELINES: There are no exposure limits established for this product. Exposure values at the TWA (Time Weighted Average) means the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. A time weight average (TWA) concentration for an 8 hour day, and 5 day week has not been established by Worksafe Australia for any of the ingredients in this product. There is a blanket recommendation of 10mg/m³ for

inspirable dusts or mists when limits have not otherwise been established.

ENGINEERING CONTROLS: In industrial situations, concentration values below the TWA value should be maintained. Values may be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dusts or vapours are high, you are advised to modify the process or environment to reduce the problem. Do **not** inhale spray mist.

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 nitrile 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: Use in well ventilated area. **Do Not** inhale 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: Clear straw coloured liquid
ODOUR: Aromatic
SOLUBILITY IN WATER: Not soluble in water
SPECIFIC GRAVITY: 0.92 @ 20 °C
BOILING POINT: 135°C

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions. React with oxidising agents.

MATERIAL SAFETY DATA SHEET



Garrards NZ Pty Ltd	Date Issued: 18/01/08
Unit 4, 27B Cain Road	Reviewed Date: 13/02/08
Penrose, Auckland, NZ	Product Code:
Ph: (09) 526 5232	

INCOMPATIBILITY: Avoid strong oxidising agents.

UN No: 3082

HAZARDOUS DECOMPOSITION PRODUCTS: May evolve toxic vapours if involved in a fire.

HAZARDOUS POLYMERIZATION: This product is unlikely to spontaneously polymerise.

11. TOXICOLOGICAL INFORMATION:

MUTAGENICITY: No data available

12. ECOLOGICAL INFORMATION:

ENVIRONMENTAL DATA:

Dangerous to fish. Do NOT contaminate ponds, waterways or drains with this product or its used containers.

ECOTOXICOLOGY:

Rat Oral LD₅₀ 790 mg /kg
Rabbit Dermal LD₅₀ > 2000 mg /kg
Rat Inhalation LC₅₀ > 0.32 mg/L, 4hr

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHOD: Dispose of empty, used containers by;

- 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.
- Breaking, crushing or puncturing the containers to prevent reuse.
- Disposing of in a local authority, bury landfill site that does not burn its refuse. If there is no local authority landfill readily available in your area, bury the containers under at least 50cm of soil at a licensed/approved disposal site. DO NOT burn empty containers or product.

14. TRANSPORT INFORMATION:

DANGEROUS GOODS: Not a Dangerous Good. Environmentally Hazardous Substance, Liquid, N.O.S. (Contains alpha-cypermethrin)

P.G: III

Class: 9

15. REGULATORY INFORMATION:

POISON SCHEDULE: S6

RISK PHRASES:

- R-22 Harmful if swallowed
- R-48/22 Harmful, danger of serious damage to health by prolonged exposure if swallowed
- R-50 Very toxic to aquatic organisms
- R-53 May cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES:

- S-2 Keep out of reach of children
- S 36/37 Wear suitable protective clothing and gloves.
- S-45 In case of accident or if you feel unwell, seek medical advice (show the label where possible)

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 Accensi Pty Ltd cannot anticipate or control conditions under which this product may be used. Accensi 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 Point:

Emergency Services
Ph: 111
National Poisons Centre
0800 POISON (0800 764 766)

Garrards NZ Pty Ltd	Ph: (09) 526 5232
---------------------	-------------------

Issued:	18/01/08
Reviewed:	13/02/08