

MATERIAL SAFETY DATA SHEET

This product is harmful if swallowed. It is a designated Hazardous Substance according to the criteria of Worksafe Australia

This revision issued: December 2004

1. IDENTIFICATION OF CHEMICAL PRODUCT AND COMPANY

Product name: POUNCE 500[®] TIMBER AND RESIDUAL INSECTICIDE

Formulation type: Emulsifiable concentrate.
Poison Schedule: S6
Recommended use: Insecticide for use as described on the product label.
Supplier: PCT International Pty Ltd
Address: Unit 1/ 74 Murdoch Cct, ACACIA RIDGE QLD 4110
Telephone: (07) 3711 7022
Fax: (07) 3711 7055
Website: www.pct.au.com
Contact: David Pearson
Emergency telephone No: 1800 630 877

2. COMPOSITION of/ INFORMATION on/ INGREDIENTS

Ingredients	CAS No	Proportion
Permethrin 25:75	52645-53-1	500 g/l
Hydrocarbon solvent	64742-94-5	385 g/l
Other ingredients (non-hazardous)		to 100%

3. HAZARDS IDENTIFICATION

Hazard Designation: Hazardous according to the criteria of Worksafe Australia.

Risk Phrases: R65 Harmful-may cause lung damage if swallowed.

Safety Phrases: S24/25 Avoid contact with skin and eyes.

SUSDP Classification: S6

ADG Classification: none allocated

UN Number: none allocated

4. FIRST AID MEASURES

General Information: If poisoning occurs, immediately contact a doctor or the Poisons Information Centre on **131126** and follow the advice given. Show this MSDS to a doctor.

Inhalation:	Remove person to fresh air, and keep rested. Seek medical advice for other than minor exposure. Administer artificial respiration if breathing has stopped.
Skin Contact:	Remove all contaminated clothing and shoes. Wash product off skin immediately with soap and plenty of water. Seek medical advice if irritation persists.
Eye Contact:	Immediately flush eyes and under eyelids thoroughly with running water for at least 15 minutes, and seek medical advice.
Ingestion:	Do not induce vomiting. Seek medical advice immediately.
Symptoms:	Pounce 500 contains the synthetic pyrethroid, Permethrin, and a hydrocarbon solvent. Symptoms of skin contact are likely to be limited to irritation. Inhalation of vapours may cause drowsiness and dizziness, accompanied by narcosis, reduced alertness, loss of reflexes and co-ordination, and vertigo. It may cause nausea, vomiting, diarrhoea, hypersensitivity, tremors, muscle paralysis, convulsion, coma and respiratory failure.
Advice to Doctor:	There is no specific antidote. Treat symptomatically. This product contains a hydrocarbon solvent. Small amounts of liquid aspirated into the respiratory system during ingestion may cause bronchopneumonia or pulmonary edema. In cases of skin contact, it has been reported that topical application of Vitamin E cream has a therapeutic value, eliminating almost 100% of the skin pain associated with synthetic pyrethroids.

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards:	Slight fire hazard when exposed to heat or flame.
Fire Extinguisher type:	Foam, chemical or soft water spray. Do not use a water jet from a fire hose.
Fire Fighting Procedures & Precautions:	Fire fighters should wear full protective clothing and self-contained breathing apparatus. Keep intact containers cool by spraying with water. Do not allow contaminated water to be released into the environment.
Hazardous Decomposition Products:	No data available.
Flash Point:	72°C
Flammability Class:	Not applicable.

6. ACCIDENTAL RELEASE/ SPILLS MEASURES

Dealing with spills has the potential to increase the risk of personal exposure- during such operations, ensure that protective clothing is worn as detailed below. Avoid contact with spilled material or contaminated surfaces. Keep people and animals away. Prevent spillage from entering drains, sewers or watercourses. If contamination thereof is unavoidable, warn the local water authority. Spills should be contained and absorbed with soil, sand, sawdust, clay, cat litter or other similar material, and once absorption is complete, this material then be placed in sealable, labeled, drums for safe disposal in an approved landfill, and in accordance with the requirements of local or State Waste Management Authorities. Alternatively, bury under at least 500^{mm} of soil in an area away from crops, pastures, homes or water sources. To decontaminate spill area, tools and equipment, wash with a suitable solution, e.g. organic solvent, detergent, bleach or caustic, and add this material to the drums of waste already collected. Label all contents. Do not burn empty containers or product.

7. HANDLING AND STORAGE

- Handling:** Keep out of reach of children. Avoid contact with skin and eyes, and do not inhale the spray mist. Use product and diluted mix only in a well ventilated area. Do not use around sources of ignition.
- Storage:** Store product in closed, original containers in a cool, well ventilated, secured area away from direct sunlight.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

- Exposure Limits:** No exposure standard has been assigned by Worksafe Australia for this product.
- Ventilation:** Use local exhaust ventilation when using the product or diluted spray.
- Eye Protection:** Avoid contact with the eyes. Wear safety goggles or a face shield when pouring or mixing the product.
- Skin Protection:** Avoid contact with the skin. Wear cotton overalls buttoned to the neck and wrists, elbow-length PVC gloves and chemical-resistant footwear. Wash clothing after each days use.
- Respiratory:** Wear an approved respirator while using the product, to prevent vapor inhalation.

9. PHYSICAL & CHEMICAL PROPERTIES

- Physical Description:** Clear yellow liquid
- Odour:** Aromatic solvent odour.
- Specific Gravity:** Not available.
- Water Solubility:** Emulsifies.
- Volatility:** ~38% volatiles
- Evaporation Rate:** Not available.
- Boiling Point:** 184°C

10. STABILITY & REACTIVITY

- Reactivity:** Stable under normal conditions of storage and use.
- Conditions to Avoid:** No data available.
- Incompatibilities:** Strong oxidizing agents.
- Fire Decomposition:** No data available.
- Polymerisation:** No data available.

11. TOXICOLOGICAL INFORMATION

- Toxicity:** No data available.
- Chronic Toxicity:** No data available.
- Carcinogenic Effects:** Permethrin is not mutagenic, teratogenic or carcinogenic.
- Inhalation:** Inhalation may produce respiratory irritation, and can result in headaches, dizziness, drowsiness and nausea.
- Skin contact:** Mild irritant and causes drying of the skin.
- Eye contact:** Irritating to the eyes.
- Ingestion:** Harmful if swallowed.
- Animal Toxicity Data:** Oral LD50 Permethrin (rat) is 1,479mg/kg.
Dermal LD50 Permethrin (rabbit) is >2,000mg/kg.
Inhalation LC50 Permethrin (rat) is >685mg/M³/3hr.

12. ECOLOGICAL INFORMATION

Effects on Birds: No data available.

Effects on Aquatic Organisms: No data available.

**Effects on Other Animals
(non-target species):** No data available.

**Environmental Persistence
& Degradation:** Permethrin has low mobility in soil. It degrades rapidly in soil and water. It has a half-life in soil of less than 38 days.

13. DISPOSAL CONSIDERATIONS

Dispose of empty, used containers by triple rinsing, or preferably pressure rinsing. Add the rinsings to the spray tank or dispose of the rinsings in a disposal pit away from desirable plants and their roots and from watercourses. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return cleaned containers to a recycler or designated collection point. If not recycling, break, crush or puncture empty containers and bury in a local authority landfill. If no landfill available, bury the containers at least 500^{mm} deep in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

14. TRANSPORT INFORMATION

UN Number: Not applicable.
Proper Shipping Name: Not applicable.
Class and Subsidiary Risk: Not classified as dangerous goods for transport by road or rail.
Packing Group: Not applicable.
Hazchem Code: Not applicable.

15. REGULATORY INFORMATION

APVMA Approval No: 49211/0503

16. OTHER INFORMATION

This MSDS contains only safety-related information. For other data, see product literature.

The above information 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.

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