

MATERIAL SAFETY DATA SHEET



PCT International Pty Ltd

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InVict[®] Clear

Cockroach Gel Bait

Classified as non-hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE PRODUCT AND THE MANUFACTURER

Product Name: InVict Clear cockroach gel bait
Product Code: none
Product Use: insecticidal gel bait for use as described on the product label.
Poison Schedule: S6
Supplier: PCT International Pty Ltd
ABN: 44 101 170 923
Street Address: Unit 1 / 74 Murdoch Circuit, ACACIA RIDGE QLD 4110
Telephone: + 61 7 3711 7022
Facsimile: + 61 7 3711 7055

Emergency telephone No: 1800 630 877

MSDS Creation Date: 1st July 2010

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Formulation Type: gel

Ingredients	CAS No	Concentration
Abamectin	65195-56-4	0.5 g/Kg
Other ingredients not considered to be hazardous		to 100%

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3. HAZARDS IDENTIFICATION

Physical Appearance

Form: Gel
Colour: Clear to light yellow
Odour: Slight sweet corn sugar smell
Water Solubility: Soluble
pH: not known

Potential Health Effects

Eyes: Irritating to the eyes
Skin: May cause slight irritation
Ingestion: Symptoms of poisoning include decreased activity, slow rate of breathing, pupil dilation, muscle tremors & lack of co-ordination.

4. FIRST AID MEASURES

Inhalation: Not applicable- product is a gel.
Skin Contact: Remove contaminated clothing and wash the contact area with flowing water and soap. Launder clothing before reuse.
Eye Contact: Exposure is unlikely. Hold eyes open and rinse slowly and gently with flowing water for at least 15mins. If eye irritation persists, seek medical attention.
Ingestion: If suspected poisoning occurs, call the Poisons Information Centre on 131126 or a doctor, for advice on treatment.
Advice to Doctor: No specific antidote is available. Treatment is both symptomatic and supportive.

5. FIRE-FIGHTING MEASURES

Fire Extinguisher type: Water, CO₂ or foam.
Fire Fighting Procedures & Precautions: No specific precautions required.
Hazardous Decomposition Products: Thermal decomposition and burning may produce some toxic fumes.
Flash Point: Not applicable- product is non-flammable and non-combustible.
Flammability Class: Not applicable- product is non-flammable and non-combustible.

6. ACCIDENTAL RELEASE MEASURES

Methods for Cleaning Up/ Taking Up:

Spills: 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. Small spills should be wiped up with a damp cloth while still wet, wrapped in newspaper or similar, and disposed of in an approved landfill. 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.

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7. HANDLING AND STORAGE

Advice on safe Handling:	Keep out of reach of children. Avoid contact with eyes and skin. Wash hands after use, and before smoking or eating / drinking. Wash protective gear and clothing after each day's use.
Advice on protection against fire and explosion:	Not flammable- no special measures required.
Storage information:	Keep product in the original packing, tightly closed, in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:	N/a
Ventilation:	None required
Eye Protection:	Safety glasses are recommended when using the product.
Skin Protection:	Waterproof, latex gloves should be worn when using the product.
Respirator:	Not required when used according to label directions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Description:	White gel.
Odour:	Slight sweet corn sugar smell.
Specific Gravity:	Not available.
Water Solubility:	Slightly soluble in water.
Volatility:	Not established.
Odour Threshold:	Not established.
Evaporation Rate:	Not established.

10. STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions of storage and use.
Conditions to Avoid:	Do not apply onto very hot surfaces.
Incompatibilities:	Abamectin can be hydrolyzed by strong caustic solutions.
Fire Decomposition:	Thermal decomposition & burning may produce some toxic by-products.
Polymerisation:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity - Oral:	LD ₅₀ (rat) 10 mg/kg approx. LD ₅₀ (mouse) 13.6mg/Kg
Acute Toxicity - Dermal:	LD ₅₀ (rat) >2000mg/kg
Eye Irritation:	(Species - rabbit) slight irritant
Skin Irritation:	(Species - rabbit) non - irritant
Skin Sensitisation:	(Species - guinea pig) non-sensitising

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12. ECOLOGICAL INFORMATION

- Effects on Birds / Bees:** Abamectin is practically non-toxic to birds. It is however highly toxic to bees – oral LD₅₀ 0.009µg/bee.
- Effects on Aquatic Organisms:** Abamectin is very toxic to fish and other aquatic species. Ensure that contamination of watercourses does not occur with product or used containers.
- Environmental Persistence & Degradation:** Abamectin is rapidly degraded in water. It undergoes rapid photodegradation, with a half-life of 12 hours in water. Plants do not absorb Abamectin from soil.

13. DISPOSAL CONSIDERATIONS

ALWAYS DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

- Product Disposal:** In accordance with local authority regulations, take to special waste incineration plant.
- Container Disposal:** 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

- Storage and Transport:** Considered non – dangerous goods for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

- APVMA Approval No:** 58346/30/0204
- Poisons Schedule:** S6
- Packaging & Labeling:** READ SAFETY DIRECTIONS BEFORE OPENING OR USING
- Hazard Category**
- AICS (Australia):** Listed on the Australian Inventory of Chemical Substances.

16. OTHER INFORMATION

Contact Person/Point: Mr David Pearson Phone: (07) 3711 7022

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

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