

# Material Safety Data Sheet

## AVERT\* COCKROACH GEL BAIT

**This Product is NOT Designated a Hazardous Substance According to the Criteria of the National Occupational Health & Safety Commission**

**THIS PRODUCT IS APPROVED FOR USE IN FOOD HANDLING AREAS**

PCT International  
252 Bradman Street  
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### IDENTIFICATION

Product Name:	Avert Cockroach Gel Bait
Other Names:	Abamectin
Formulation Type:	Gel bait
UN No.:	Not Applicable
Dangerous Goods Class:	Not Applicable
Hazchem Code:	Not Applicable
Packing Group:	Not Applicable
Poison Schedule:	S6
Use:	Macrocyclic lactone insecticidal bait for controlling cockroaches.

#### Physical Description/Properties:

Appearance:	Brown gel.
Flammability Limits:	Non-flammable
Solubility in Water:	Slightly soluble in water, product is hydroscopic.
Solvent Odour:	Sweet smell of corn sugar.
Corrosiveness:	Non-corrosive.

#### Ingredients:

Chemical Name	CAS No.	Proportion
Abamectin	71751-41-2	0.5 g/Kg
Inert food ingredients		to 1,000 g/Kg

### HEALTH HAZARD INFORMATION

#### Health Effects:

Toxicity	This product is slightly hazardous (WHO Hazard Class III)
Acute If Ingested:	Mildly toxic if swallowed. Tests of a similar product indicate an oral LD <sub>50</sub> of around 325 mg/Kg.
Eye:	The material should not be allowed in contact with the eyes. May be moderately irritating to the eyes.
Skin:	The material should not be allowed in contact with the skin. This product is not a skin sensitiser.

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Inhalation:	Not applicable.
Chronic:	Abamectin technical has been extensively tested in laboratory animals and test tube systems. There is no evidence of mutagenic or carcinogenic effects.
<b>First Aid</b> Ingested:	If poisoning occurs, contact a Doctor or Poisons Information Centre 13 11 26. If swallowed, and more than 15 minutes from a hospital, induce vomiting, preferably using Ipecac Syrup APF.
Eye:	Exposure unlikely. Rinse thoroughly including under eyelids with running water for at least 15 minutes. If eye irritation persists seek medical attention.
Skin:	Remove contaminated clothing and wash contact area with flowing water and soap. Launder clothing before re-use
Inhaled:	Not applicable.
First Aid Facilities:	Normal workplace facilities and equipment.
Advice to Doctor:	No specific antidote is available. Treatment is symptomatic and supportive.

## PRECAUTIONS FOR USE

Exposure Standards:	None.
Engineering Controls:	None.
<b>Health Surveillance:</b> Flammability:	Non-flammable. Non-combustible.
<b>Personal Protection:</b> Eyes:	Not required.
Clothing:	No special clothing required.
Gloves:	Wear latex disposable gloves.
Respiratory:	Not required.
Other:	Do not eat, drink or smoke until after washing. Wash after handling.

## SAFE HANDLING INFORMATION

Storage and Transport:	Store in tightly sealed original containers in a dry, cool, well ventilated, secure area, away from sources of heat or ignition. Store away from fertilisers, seed, feed and food. Keep out of reach of children, unauthorised persons and animals.  Not classified as dangerous goods according to the Australian Code for the Transport of Dangerous Goods by Road or Rail.
Spills and Disposal:	Dispose of by wrapping in paper, placing in plastic bag and putting in garbage.
Fire/Explosion Hazard:	<b>Degree of Hazard</b> – This product is non-flammable and non-explosive. Thermal decomposition and burning may produce toxic by-products. Respiratory protection is recommended for fire fighters. <b>Extinguishing Media</b> - Water, CO <sub>2</sub> or foam. Contain all runoff.

## OTHER INFORMATION

**Environmental Properties:** Abamectin is very toxic to aquatic species. Do not contaminate sewers, drains, dams, creeks or any other waterways with product or the used container.

**Effects on birds:** Abamectin is practically non-toxic to birds. The LD<sub>50</sub> for abamectin in bobwhite quail is >2000 mg/kg. The dietary LC<sub>50</sub> is 3,102 ppm in bobwhite quail. There were no adverse effects on reproduction when mallard ducks were fed dietary doses of 3, 6, or 12 ppm for 18 weeks.

**Breakdown in water:** Abamectin is rapidly degraded in water. After initial distribution, its half-life in artificial pond water was 4 days. Its half-life in pond sediment was 2 to 4 weeks. It undergoes rapid photodegradation, with a half-life of 12 hours in water. When tested at pH levels common to surface and groundwater (pH 5, 7, and 9), abamectin did not hydrolyse.

**Breakdown in vegetation:** Plants do not absorb abamectin from the soil. Abamectin is subject to rapid degradation when present as a thin film, as on treated leaf surfaces. Under laboratory conditions and in the presence of light, its half-life as a thin film was 4 to 6 hours.

This product is a registered agricultural chemical with the Federal Department of Primary Industry & Energy's National Registration Authority. A comprehensive package of toxicological and environmental data for the active ingredients is held by the federal health and environment authorities. This data has been evaluated by expert, independent toxicologists and environmental scientists.

**ALWAYS READ THE PRODUCT LABEL BEFORE USE. FOLLOW ALL DIRECTIONS FOR USE, LABEL WARNINGS AND SAFETY DIRECTIONS.**

**Contact Point:**

**Ph: 1800 630 877**

**Date: May 2001**

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 maybe required for your particular use of this product.

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