

# SAFETY DATA SHEET



## PCT International Pty Ltd

Unit 5 / 74 Murdoch Circuit, ACACIA RIDGE QLD 4110

ABN 44 101 170 923

[sales@pct.au.com](mailto:sales@pct.au.com)

Ph: +61 7 3711 7022

Fax: +61 7 3711 7055

### COVERT GOLD

#### COCKROACH GEL BAIT

This product is designated a Non-Hazardous Substance according to the criteria of Worksafe Australia.

This SDS issued: February 2014

#### 1. IDENTIFICATION OF CHEMICAL PRODUCT AND COMPANY

**Product name:** COVERT GOLD Cockroach Gel Bait  
**Other names:** none  
**Formulation type:** Gel bait  
**Poison Schedule:** S6  
**Recommended use:** insecticidal gel bait for cockroach control as described on the product label.  
**Supplier:** PCT International Pty Ltd  
**Address:** Unit 5 / 74 Murdoch Cct, ACACIA RIDGE QLD 4110  
**Telephone:** (07) 3711 7022  
**Fax:** (07) 3711 7055  
**Website:** [www.pct.au.com](http://www.pct.au.com)  
**Contact:** David Pearson  
**Emergency telephone No:** 1800 630 877

#### 2. COMPOSITION of / INFORMATION on / INGREDIENTS

Ingredients	CAS No	Proportion
Fipronil	120068-37-3	0.5g/kg
Other (non-hazardous) ingredients		to 100%

#### 3. HAZARDS IDENTIFICATION

**Hazard Designation:** N/a  
**Risk Phrases:** N/a  
**Safety Phrases:** N/a  
**SUSDP Classification:** non-hazardous  
**ADG Classification:** none allocated  
**UN Number:** none allocated

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## 4. FIRST AID MEASURES

<b>Inhalation:</b>	Not applicable- product is a gel.
<b>Skin Contact:</b>	Remove contaminated clothing and wash the contact area with flowing water and soap. Launder clothing before reuse.
<b>Eye Contact:</b>	Exposure is unlikely. The product may cause slight irritation to the eyes, reversible within 24hrs. Hold eyes open and rinse slowly and gently with flowing water for at least 15mins. If eye irritation persists, seek medical attention.
<b>Ingestion:</b>	If suspected poisoning occurs, call the Poisons Information Centre on 131126 or a doctor, for advice on treatment.
<b>Advice to Doctor:</b>	No specific antidote is available. Treatment is both symptomatic and supportive.

## 5. FIRE FIGHTING MEASURES

<b>Fire Extinguisher type:</b>	Water, CO <sub>2</sub> or foam.
<b>Fire Fighting Procedures &amp; Precautions:</b>	No specific precautions required.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition and burning may produce some toxic fumes.
<b>Flash Point:</b>	Not applicable- product is non-flammable and non-combustible.
<b>Flammability Class:</b>	Not applicable- product is non-flammable and non-combustible.

## 6. ACCIDENTAL RELEASE/ SPILLS MEASURES

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 moist, wrapped in newspaper or similar, and disposed of in an approved landfill. Alternatively, bury under at least 500<sup>mm</sup> 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

<b>Handling:</b>	Keep out of reach of children. Wash hands and exposed skin before eating, drinking or smoking, and after using the product. Launder all contaminated clothing thoroughly before re-use.
<b>Storage:</b>	Store product in original packing in a dry, cool, well ventilated area away from sources of heat or ignition. Store away from fertilizers, seed, feed and food. Keep out of reach of children, unauthorized persons and animals.

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## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

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

## 9. PHYSICAL & CHEMICAL PROPERTIES

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

## 10. STABILITY & REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

<b>Reproductive Effects:</b>	No data available.
<b>Mutagenic Effects:</b>	No evidence obtained with Fipronil technical.
<b>Carcinogenic Effects:</b>	No evidence obtained with Fipronil technical.
<b>Carcinogenic status:</b>	Product is not considered to be carcinogenic.
<b>Animal Toxicity Data:</b>	Pure Fipronil is considered to be slightly toxic in acute animal studies.
<b>Acute toxicity</b>	
LD <sub>50</sub> rat (oral):	4,400 mg/kg (product)
LD <sub>50</sub> rat (dermal):	> 5,000 mg/kg (product)
LC <sub>50</sub> rat (inhalation):	0.36 mg/l (4h)

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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity Effects:

**Acute Toxicity - Fish:** (data for the active ingredient, fipronil).  
LC<sub>50</sub> (96hr) - bluegill sunfish is 0.085 mg/l.  
LC<sub>50</sub> (96hr) - rainbow trout is 0.248 mg/l.  
LC<sub>50</sub> (96hr) - european carp is 0.430 mg/l.

**Acute Toxicity - *Daphnia Magna*:** LC<sub>50</sub> (48hr) - daphnia is 0.19 mg/l

**Acute Toxicity - Algae *Scenedesmus subspicatus*:** EC<sub>50</sub> (72hr) 0.068 mg/l.

**Acute Toxicity - Other Organisms:** (data for the active ingredient, fipronil).  
LD<sub>50</sub> for mallard duck is 5000 mg/kg  
LD<sub>50</sub> for bobwhite quail is 48 mg/kg

Highly toxic to bees both by direct contact and/or by ingestion.

Fipronil treated soil is non-toxic to worms, including earthworms of the *Pheretima* group.

### Environmental Persistence & Degradation:

Fipronil degrades rapidly in water when exposed to UV light to form fipronil-desulfinyl. Under these conditions, fipronil has a half-life of 4 to 12 hours. Fipronil degrades on soil surfaces by ultraviolet radiation and has a measured half-life of 34 days in loamy soil.

## 13. DISPOSAL CONSIDERATIONS

Dispose of empty, used containers at least 500<sup>mm</sup> deep in a disposal pit away from desirable plants and their roots and from watercourses, or in a local authority landfill. Empty containers and product should not be burnt.

## 14. TRANSPORT INFORMATION

**UN Number:** N/A  
**Proper Shipping Name:** N/A  
**Class and Subsidiary Risk:** N/A  
**Packing Group:** N/A  
**Hazchem Code:** N/A

## 15. REGULATORY INFORMATION

**APVMA Approval No:** 68911/59366

## 16. OTHER INFORMATION

This SDS 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.

PCT International Pty.Ltd.  
Unit 5, 74 Murdoch Cct,  
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