

Safety Data Sheet

Version: 2.0
Date / Revised: 16.10.2014

GOLIATH® COCKROACH GEL

Date of Print: 16.10.2014

1. Identification of the Substance/Preparation and of the Company/Undertaking

GOLIATH® COCKROACH GEL

Use: A crevice, crack or spot treatment for the control of cockroaches

Company:

BASF Australia Limited (ABN 62 008 437 867)
Level 12, 28 Freshwater Place
Southbank VIC 3006
AUSTRALIA
Telephone: +61 3 8855 6600
Telefax : +61-3-8855 6511

Emergency information:

BASF Emergency Advice Number: 1800 803 440 (24 h) [within Australia]
BASF Emergency Advice Number: +61 3 8855 6666 [outside Australia]

2. Hazards Identification

NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Keep out of reach of children.

Keep away from food, drink and animal feed stuffs.

When using, do not eat, drink or smoke.

This material and its container must be disposed of in a safe way.

Keep only in the original containers.

Use appropriate container to avoid environmental contamination.

3. Composition/Information on Ingredients

Chemical nature:

Pest control formulation

Hazardous ingredients:

Fipronil

Content (W/W): 0.05 %
CAS Number: 120068-37-3
Hazard symbol: T, N
R-phrases: 23/24/25, 48/25, 50/53

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The wording of the hazard symbols and R-phrases is specified in Section 16 if hazardous components are mentioned.

4. First-aid Measures

General advice:

If poisoning occurs, contact a doctor or Poisons Information Centre. Telephone 13 11 26 Australia-wide. Avoid contact with the skin, eyes and clothing.

If inhaled:

Not a likely source of exposure.

On skin contact:

Wash immediately with plenty of water and soap. If irritation develops, seek medical attention.

On contact with eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open. Consult an eye specialist.

On ingestion:

Rinse mouth immediately and then drink plenty of water. Seek medical attention. Do not induce vomiting unless told to by the Poisons Information Centre or doctor. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

Note to physician:

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-fighting Measures

Suitable extinguishing media:

Water spray, foam, dry powder, carbon dioxide.

Specific hazards:

The following substances can be released if involved in a fire:
Carbon monoxide, carbon dioxide, hydrogen chloride, hydrogen fluoride, nitrogen oxides, sulfur oxides, organochlorine compounds.

Special protective equipment:

Wear self-contained breathing apparatus and chemical-protective clothing.

6. Accidental Release Measures

Personal precautions:

Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

Environmental precautions:

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

Methods for cleaning-up or taking-up:

Wipe up spills with paper towel or textile cloth and dispose in accordance with regulations. Clean contaminated floors and surfaces thoroughly with water and detergents.

Safety Data Sheet

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7. Handling and Storage

Handling

No special measures necessary if stored and handled correctly.

Protection against fire and explosion:

No special precautions necessary. The product is non-combustible. Product is not explosive.

Storage:

Store in the closed, original container in a cool, well ventilated locked place out of reach of children. Do NOT store in direct sunlight. Dispose of empty container by wrapping in paper, placing in plastic bag and putting in the garbage. Keep away from heat. Protect against moisture. Protect from temperatures above 30°C.

8. Exposure Controls and Personal Protection

Exposure limit values

A workplace exposure standard has not been allocated for this product.

Respiratory protection:

Respiratory protection is not required.

Hand protection:

Hand protection is not required.

Eye protection:

Eye protection is not required.

Body protection:

Light protective clothing.

Professional Pest Control Product:

May irritate the eyes and skin. Avoid contact with eyes and skin. Wash hands after use.

9. Physical and Chemical Properties

Form:	gel	
Colour:	brown	
Odour:	odourless	
pH value:	5.8 – 5.9 (10 g/l, 21°C)	
Flash point:	non-flammable	
Ignition temperature:	415°C	(Directive 92/69/EEC, A.15)
Explosion hazard:	not explosive	(Directive 92/69/EEC, A.14)
Fire promoting properties:	not fire-propagating	(UN Test O.2 (oxidising liquids))
Vapour pressure:	approx. 23 hPa (solvent, 20°C)	
Density:	1.27 g/cm ³ (20°C)	
Partition coefficient n-octanol / water (log Pow):	4.0 (20°C)	(Fipronil)

10. Stability and Reactivity

Thermal decomposition:

No decomposition if stored and handled as prescribed / indicated.

Substances to avoid:

No substances known that should be avoided..

Corrosion to metals:

No corrosive effect on metals.

Hazardous reactions:

No hazardous reactions if stored and handled as prescribed / indicated.

Hazardous decomposition products:

No hazardous decomposition products if stored and handled as prescribed / indicated.

11. Toxicological Information

Acute toxicity:

LD50 rat (oral): 4400 mg/kg (product)
LD50 rat (dermal): > 5000 mg/kg (product)
LC50 rat (inhalation): 0.36 mg/l/4 h (fipronil)

Irritation:

Primary skin irritation (rabbit): non-irritant (product)
Primary irritations of the mucous membranes (rabbit): non-irritant (product)

Assessment of other acute effects:

Assessment of other acute effects:
The available information is not sufficient for evaluation.

Sensitization:

Guinea pig: Skin sensitizing effects were not observed in animal studies

Repeated dose toxicity:

Assessment of repeated dose toxicity:
No data available.

Genetic toxicity:

Assessment of mutagenicity:
No data available.

Carcinogenicity:

Assessment of carcinogenicity (product):
Based on our experience and the information available, no adverse effects are expected if handled as recommended with suitable precautions for designated uses.

Reproductive toxicity:

Assessment of mutagenicity:
No data available.

Developmental toxicity:

Assessment of teratogenicity:
No data available.

Additional information:

Misuse can be harmful to health.

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12. Ecological Information

Ecotoxicity:

Information on fipronil:

Toxicity to fish:

LC50 (96 h): 0.25 mg/l, *Oncorhynchus mykiss*

LC50 (96 h): 0.0852 mg/l, *Lepomis macrochirus*

LC50 (96 h): 0.43 mg/l, *Cyprinus carpio*

Information on fipronil:

Aquatic invertebrates:

EC50 (48 h): 0.19 mg/l, *Daphnia magna*

Information on fipronil:

Aquatic plants:

EC50 (96 h): 0.068 mg/l (biomass), *Scenedesmus subspicatus*

Persistence and degradability:

Information on fipronil:

Elimination information:

Not readily biodegradable (by OECD criteria)

Bioaccumulation potential:

Information on fipronil:

Bioaccumulation potential:

Bioconcentration factor: 321 (*Lepomis macrochirus*)

Additional information:

Other ecotoxicological advice:

The ecological data given are those of the active ingredient. Do not discharge product into the environment without control.

13. Disposal Considerations

Waste disposal of substance:

Must be disposed of or incinerated in accordance with local regulations. Do NOT contaminate streams, rivers or waterways with the chemical or used containers.

Contaminated packaging:

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance / product.

14. Transport Information

Domestic transport (ADG):

Not classified as a dangerous good under transport regulations.

Sea transport (IMDG):

Not classified as a dangerous good under transport regulations.

Air transport (ICAO/IATA):

Not classified as a dangerous good under transport regulations.

15. Regulatory Information

Poisons Schedule: Not scheduled

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R-phrase(s)
R52/53

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)
S2
S13
S20/21
S35
S49
S57Keep out of reach of children.
Keep away from food, drink and animal feeding stuffs.
When using do not eat, drink or smoke.
This material and its container must be disposed of in a safe way.
Keep only in the original container.
Use appropriate container to avoid environmental contamination.**Registration status**

APVMA Approval No. 49647/0404

16. Other Information

Full Text of hazard symbols and R-phrases if mentioned as hazardous components in Section 3:

T	Toxic
N	Dangerous for the environment
23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
48/25	Toxic: danger of serious damage to health by prolonged exposure if swallowed.
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.