

# Safety data sheet

Page: 1/7

BASF Australia Limited Safety data sheet  
Date / Revised: 15.06.2006  
Product: **GOLIATH GEL CARTOUCHE**

Version: 1.0

350 33 I  
(30207703/SDS\_CPA\_AU/EN)

Date of print 11.07.2007

## 1. Substance/preparation and company identification

### **GOLIATH GEL CARTOUCHE**

Company:

BASF Australia Limited (ABN 62 008 437 867)  
500 Princes Highway Noble Park  
Victoria 3174, AUSTRALIA  
Telephone: +61 3 9212-1500  
Telefax number: +61 3 9212-1511

Emergency information:

1800 803 440 (24h) [within Australia]  
+61 3 9212-1666 [outside Australia]

## 2. Hazard identification

No specific dangers known, if the regulations/notes for storage and handling are considered.

## 3. Composition/information on ingredients

Chemical nature

insecticide, Bait

Hazardous ingredients

Fipronil

Content (W/W): 0.05 %  
CAS Number: 120068-37-3

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The wording of the hazard symbols and R-phrases is specified in chapter 16 if dangerous ingredients are mentioned.

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#### 4. First-aid measures

General advice:

Avoid contact with the skin, eyes and clothing. Remove contaminated clothing. If difficulties occur: Obtain medical attention. Show container, label and/or safety data sheet to physician.

On skin contact:

After contact with skin, 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 a poison control center 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.

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#### 5. Fire-fighting measures

Suitable extinguishing media:

water spray, water fog, carbon dioxide, foam, dry extinguishing media

Specific hazards:

carbon monoxide, carbon dioxide, hydrogen chloride, hydrogen fluoride, nitrogen oxides, sulfur oxides, organochloric compounds

The substances/groups of substances mentioned can be released in case of fire.

Special protective equipment:

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

Further information:

In case of fire and/or explosion do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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#### 6. Accidental release measures

Personal precautions:

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

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**Environmental precautions:**

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

**Methods for cleaning up or taking up:**

For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

For large amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Incinerate or take to a special waste disposal site in accordance with local authority regulations. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

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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 substance/product is non-combustible. Product is not explosive.

### Storage

Segregate from foods and animal feeds.

Further information on storage conditions: Keep only in the original container. Keep away from heat.

Protect against moisture. Protect from direct sunlight.

**Storage stability:**

Storage duration: 24 Months

Protect from temperatures above: 30 °C

Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time.

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## 8. Exposure controls and personal protection

### Components with workplace control parameters

no exposure standard allocated

### Personal protective equipment

**Respiratory protection:**

Respiratory protection not required.

**Hand protection:**

Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact

(Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) and other

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Eye protection:  
Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:  
light protective clothing

General safety and hygiene measures:  
Avoid contact with the skin, eyes and clothing. Wearing of closed work clothing is recommended. Take off immediately all contaminated clothing. Store work clothing separately. Keep away from food, drink and animal feeding stuffs. No eating, drinking, smoking or tobacco use at the place of work. Hands and/or face should be washed before breaks and at the end of the shift.

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## 9. Physical and chemical properties

Form: gel  
Colour: brown  
Odour: odourless

Density: 1.07 g/cm<sup>3</sup>  
(20 °C)

*Information on: Fipronil*

*Partitioning coefficient n-octanol/water (log Pow): 3.5*

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Viscosity, dynamic: 28,000 - 40,000 mPa.s  
(25 °C)

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## 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 metal.

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.

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## 11. Toxicological information

LD50/oral/rat/male: 4,400 mg/kg

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*Information on: Fipronil*  
*LC50/by inhalation/rat/male/female: 0.682 mg/l / 4 h*  
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LD50/dermal/rat/male/female: > 5,000 mg/kg

Primary skin irritation/rabbit: non-irritant

Primary irritations of the mucous membrane/rabbit: non-irritant

Sensitization/guinea pig: Skin sensitizing effects were not observed in animal studies.

Additional information:

Misuse can be harmful to health.

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## 12. Ecological information

### Ecotoxicity

*Information on: Fipronil*  
*Toxicity to fish:*  
*Oncorhynchus mykiss/LC50 (96 h): 0.25 mg/l*  
*Lepomis macrochirus/LC50 (96 h): 0.0852 mg/l*  
*Cyprinus carpio/LC50 (96 h): 0.43 mg/l*  
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*Information on: Fipronil*  
*Aquatic invertebrates:*  
*Daphnia magna/EC50 (48 h): 0.19 mg/l*  
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*Information on: Fipronil*  
*Aquatic plants:*  
*Scenedesmus subspicatus/EC50 (72 h): 0.068 mg/l*  
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### Persistence and degradability

#### Elimination information

*Information on: Fipronil*

*Evaluation:* Not readily biodegradable (by OECD criteria).  
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### Bioaccumulation potential

*Information on: Fipronil*  
*Lepomis macrochirus*  
*Bioconcentration factor 321*  
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### Additional information

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

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## 13. Disposal considerations

Must be dumped or incinerated in accordance with local regulations.

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

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## 14. Transport information

### Domestic transport:

Not classified as a dangerous good under transport regulations

### Sea transport

*IMDG*

Not classified as a dangerous good under transport regulations

### Air transport

*IATA/ICAO*

Not classified as a dangerous good under transport regulations

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## 15. Regulatory information

### Other regulations

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## 16. Other information

Full text of hazard symbols and R-phrases if mentioned as hazardous components in chapter 2:

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

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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.