

# Material Safety Data Sheet

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Infosafe No. 1BFPU Issue Date : November 2005 RE-ISSUED by BASFANZ

Product Name : **Goliath Cockroach Gel**

Not classified as hazardous according to criteria of NOHSC

## COMPANY DETAILS

**Company Name** BASF Australia Ltd (ABN 62 008 437 867)  
**Address** 500 Princes Highway Noble Park  
Victoria 3174 Australia  
**Emergency Tel.** 1800 803 440 (24h)  
**Tel/Fax** Tel: +61 3 9212 1500 Fax: +61 3 9212 1511  
**Other Information** BASF New Zealand Limited  
3 Airpark Drive, Airport Oaks, Manukau  
P.O. Box 407, Auckland 1015  
Phone: + 64 9 255 4300  
Fax: + 64 9 255 4307  
E-mail address: reception@basf-nz.co.nz  
Emergency advice: 0800 944 955 (24h)  
National Poisons Centre - 24 hour Urgent Information: 0800 764 766  
National Poisons Centre - Non-Urgent Information: +64 3 479 7248

## IDENTIFICATION

**Product Name** Goliath Cockroach Gel  
**Proper Shipping Name** None Allocated  
**UN Number** None Allocated  
**DG Class** None Allocated  
**Packing Group** None Allocated  
**Hazchem Code** None Allocated  
**Poisons Schedule** Not Scheduled  
**Product Use** For the control of cockroaches  
**Substance Chemical Family** Phenyl pyrazole

## Physical Data

**Appearance** Solid brown odourless gel.  
**Melting Point** Not Available  
**Boiling Point** 195.5-203C (technical fipronil)  
**Vapour Pressure**  $3.7 \times 10^{-7}$  Pa at 25 °C (technical fipronil)  
**Specific Gravity** 1.64 g/mL at 20C (technical fipronil)  
**Flash Point** Non-flammable.  
**Flamm. Limit LEL** Not determined  
**Flamm. Limit UEL** Not determined  
**Solubility in Water** Dispersible, 1.9 mg/L at 20°C (technical fipronil)

## Other Properties

**Corrosiveness** Non-corrosive.  
**Volatile Component** Non-volatile.  
**pH Value** Not applicable.  
**Form** 35mL gel in clear HDPE syringe in outer cardboard box.  
**Molecular Weight** 437.2 (fipronil)

## Ingredients

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Ingredients	Name	CAS	Proportion
	Fipronil	120068-37-3	0.05 %w/w
	Other ingredients	(Non hazardous)	99.95 %w/w

## HEALTH HAZARD INFORMATION

### Health Effects

Acute - Swallowed	Low acute oral toxicity
Acute - Eye	May irritate the eyes.
Acute - Skin	Not a skin irritant
Acute - Inhaled	Not applicable.
Chronic	Fipronil is not mutagenic and not teratogenic and is not considered to pose an increased risk of cancer to humans.

### First Aid

Swallowed	If swallowed, immediately contact a doctor or Poisons Information Centre (telephone 13 11 26), and follow the advice given. Keep under medical supervision.
Eye	Rinse immediately with clean water, including under eyelids, for at least 15 minutes and obtain medical advice.
Skin	Remove contaminated clothing. Wash affected areas with plenty of soap and water.
Inhaled	Not applicable.
First Aid Measures	If poisoning occurs, immediately contact a doctor or Poisons Information Centre (telephone 13 11 26), and follow the advice given. Show this Material Safety Data Sheet to a doctor.
First Aid Facilities	Ensure washing facilities are available.

### Advice to Doctor

Advice to Doctor	Fipronil is a reversible gamma-aminobutyric (GABA) receptor inhibitor. During intoxication it will induce neurological stimulation with possible convulsions. Treat symptoms. No specific antidote known. Phenobarbital, and to a lesser extent, benzodiazepines, have been shown experimentally to be effective in preventing convulsions induced by fipronil. Due to slow absorption of fipronil through the gut, symptoms of intoxication may be delayed several hours to one day. Absorption may be decreased by the use of gastric lavage, saline purgative and activated charcoal (possible enterohepatic recirculation). Continue monitoring due to slow elimination of the compound.
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### Other Health Hazard Information

## PRECAUTIONS FOR USE

Exposure Limits	No exposure standard has been assigned by the National Occupational Health and Safety Commission (Worksafe Australia).
Eng. Controls	None required.

### Personal Protection

Other Information	Avoid contact with eyes and skin. Wash hands after use.
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### Flammability

Fire Hazards	Not flammable.
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## SAFE HANDLING INFORMATION

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## Storage and Transport

**Storage and Transport** Store in the closed, original container in a cool, well ventilated locked place out of the reach of children. Do NOT store in direct sunlight. Must be stored and transported according to local State/Territory and Federal regulations.

**Proper Shipping Name** None Allocated

## Spills and Disposal

**Spills & Leaks** Avoid contact with eyes, skin and clothing. Dealing with spills and disposals may result in the potential for increased personal exposure. During such operations it is recommended that the following protective clothing is worn: cotton overalls buttoned to the neck and wrist, elbow-length PVC gloves, face-shield or goggles.  
CONTAIN SPILL and absorb with absorbent material such as earth, sand or clay and store in properly labelled, sealed drums for safe disposal in an approved landfill, or bury under at least 500mm of soil in a non-crop, non-pasture area away from water sources or homes. DO NOT burn empty containers or product. Deal with all spillages immediately. Do NOT contaminate streams, rivers or waterways.

**Disposal** Dispose of empty container by wrapping in paper, placing in plastic bag and putting in the garbage. Do NOT contaminate streams, rivers or waterways with the chemical or used containers.

## Fire/Explosion Hazard

**Fire Fighting Procedures** Firefighters should wear full protective gear, including self-contained breathing apparatus (AS/NZS 1715, 1716).

**Extinguishing Media** Carbon dioxide, water spray, dry agent, foam.

**Stability and Reactivity** Stable under normal conditions of use. No dangerous reaction known under normal conditions of use.

CONDITIONS CONTRIBUTING TO INSTABILITY: Extreme heat and fire.

INCOMPATIBILITY: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce toxic by-products of carbon and nitrogen oxides.

**Hazchem Code** None Allocated

**Other Information** Neutralising chemicals: Hydrated lime.

## OTHER INFORMATION

**Toxicology** Acute oral LD50: 4400 mg/kg (rat)  
Acute dermal LD50: >5000 mg/kg (rat)  
Acute skin irritation: Slight irritant (Rabbit)  
Acute eye irritation: Slight irritant (Rabbit)  
Skin sensitization: Non-sensitizing (Guinea pig)

**Information on Ecological Effects** (Technical Fipronil)  
Highly toxic to fish and aquatic organisms. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.  
Rainbow trout (96hr) LC50: 0.248 mg/L  
European carp (96hr) LC50: 0.430 mg/L  
Daphnia magna (48hr) EC50: 0.19 mg/L

## CONTACT POINT

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<b>Contact</b>	Regulatory Affairs Officer (Aus)	Tel: +61 3 9281 6346	Fax: +61 3 9281 6346
	Business Support (NZ)	Tel: 0800 932 273	Fax: 0800 940 000

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. It should be read taking into account how the product is handled in your particular situation and how it is used in conjunction with other products.  
...End Of MSDS...