

Material Safety Data Sheet

BASF

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Infosafe No. 1BFPU Issue Date : March 2003 ISSUED by BASF

Product Name : **Goliath Cockroach Gel**

Not classified as hazardous according to criteria of NOHSC

COMPANY DETAILS

Company Name BASF Australia Limited (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

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 use as a household insecticide.
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 2.8×10^{-9} mm Hg at 25C (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 Approx. 2mg/L (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

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
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Other ingredients	(non hazardous)	99.95 %
Fipronil	120068-37-3	0.05 %

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed Acute oral LD50 for rats 4400 mg/kg.

Acute - Eye May irritate the eyes.

Acute - Skin May irritate the skin. Acute dermal LD50>2000 mg/kg.

Acute - Inhaled Not applicable.

Chronic Fipronil is non-mutagenic, and has no effects on foetal development or reproduction. Life-time laboratory feeding studies in rodents indicate that fipronil is not a human carcinogen.

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.

Other Information DO NOT attempt to give anything to a semi-conscious or unconscious person.

Advice to Doctor

Advice to Doctor Treat symptomatically. No specific antidote known. Phenobarbital and to a lesser extent, benzodiazepines, have been shown experimentally to be effective in preventing convulsions induced by Fipronil. Fipronil is slowly absorbed through the gut. Absorption may be decreased by the use of gastric lavage, saline purgative and activated charcoal (possible ento-hepatic recirculation).

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

Flammability

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Fire Hazards Not flammable.

SAFE HANDLING INFORMATION

Storage and Transport

Storage and Transport Keep out of reach of children. Wear long sleeved overalls and gloves while handling. After handling and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. 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. Dispose of empty container by wrapping in paper, placing in plastic bag and putting in the garbage. Avoid contact with the eyes, skin and clothing or inhalation of the product. 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 and inhalation of product. 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. Keep people away and upwind. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

Disposal Dispose of empty container by wrapping in paper, placing in plastic bag and putting in the garbage.

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 (mg/kg): 4400 (species: rat)
Acute dermal LD50 (mg/kg): >2000 (species: rat)

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Information on Ecological Effects (Technical Fipronil)
Dangerous to bees.
Highly toxic to fish and aquatic organisms. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.
Non-toxic to earthworms.
Fipronil has low mobility in soil.
Acute LC50 (96hr) for rainbow trout 0.248 mg/L
Acute LC50 (96hr) for European carp 0.430 mg/L
Acute EC50 for Daphnia magna (48hr) 0.19 mg/L
Acute oral LD50 for mallard ducks >2150 mg/kg
Acute oral LD50 for pheasants 31 mg/kg
Acute oral LD50 for bobwhite quail 11.3 mg/kg

References Bayer CropScience product safety data September 2, 2000

CONTACT POINT

Contact Regulatory Affairs Officer Tel: 03 9281 6346 Fax: 03 9281 6320

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...