

Safety Data Sheet

Version: 1.0
Date / Revised: 20.08.2015

GOLIATH® LIQUID ANT BAIT

Date of Print: 20.08.2015

1. Substance/preparation and company identification

GOLIATH® LIQUID ANT BAIT

Use: Ready to use, viscous liquid insecticidal bait for the control of nuisance ants.

Manufacturer / supplier:

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 (24 h):

Within Australia: 1800 803 440
Outside Australia: +61 3 8855 6666

2. Hazards Identification

NON-HAZARDOUS SUBSTANCE – NON-DANGEROUS GOODS. (Pack sizes up to 500 kg/L)

NON-HAZARDOUS SUBSTANCE – DANGEROUS GOODS. (Pack sizes > 500 kg/L)

The product is not classified as a hazardous chemical in accordance with GHS criteria.

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

Keep out of reach of children.

Read safety directions before opening or using.

Keep away from food, drink and animal feeding stuffs.

Do not eat, drink or smoke when using this product.

Wear suitable protective clothing and gloves.

Avoid release to the environment.

The product is hazardous to mammals, including domesticated animals and birds.

Do not empty into drains.

GHS CLASSIFICATION

WARNING

Acute toxicity – oral - Category 5

Hazardous to the aquatic environment – Acute Category 1

Hazardous to the aquatic environment – Chronic Category 1



Hazard statements

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May be harmful if swallowed.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.

Precautionary statements (Response)

Call a POISON CENTER or doctor/physician if you feel unwell.
Collect spillage.

Precautionary statements (Disposal)

Dispose of contents/container to hazardous or special waste collection point.

3. Composition/Information on Ingredients

Chemical nature:

Ready to use bait containing Fipronil

Content: 0.6 g/L
CAS Number: 120068-37-3

4. First-Aid Measures

General advice:

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 13 11 26. Avoid contact with the skin, eyes and clothing. Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air.

On skin contact:

If product on skin, immediately wash area thoroughly with soap and water.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

On ingestion:

Rinse mouth immediately and then drink plenty of water.

Note to physician:

Symptoms: No significant reaction of the human body to the product known.
Treatment: Symptomatic treatment (decontamination, vital functions).

5. Fire-Fighting Measures

Suitable extinguishing media:

Water spray, carbon dioxide, dry powder, foam.

Specific hazards:

The following substances can be released in a fire: carbon monoxide, carbon dioxide, hydrogen chloride, nitrogen oxides, Sulphur oxides, organochlorine compounds.

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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 and do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental Release Measures

Personal precautions:

Do not breathe vapours or spray. 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:

Contain and pick up spills with suitable absorbent material (e.g. sand sawdust, general purpose binder, keiselguhr). Collect waste in suitable containers, which can be labelled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Dispose of absorbed material in accordance with regulations.

7. Handling and Storage

Handling

No special measures necessary if stored and handled correctly. Ensure thorough ventilation of stores and work areas. When using, do not eat, drink or smoke. Avoid contact with skin and eyes. Hands and/or face should be washed before breaks and at the end of the shift. Ants are attracted by the sugary bait. They ingest the bait with the active substance and take it back to the nest to feed their brood. An effect on the ant population can be expected within 7 days. It is advisable to check treated areas 1 -2 weeks after application. For maximum stability and effectiveness bait drops should be placed on non-absorbent horizontal surfaces, with external applications protected from rainfall in bait stations or with suitable coverings wherever possible. Do not apply this product in any areas easily accessible to children or animals. Avoid contact with food, food utensils or places where food is prepared or stored.

Protection against fire and explosion:

No special measures necessary. The product is non-combustible and not explosive.

Storage:

Store in the closed, original container in a cool, well ventilated locked place out of the reach of children. Protect from direct sunlight. Keep away from heat. Dispose of empty container by wrapping in paper, placing in plastic bag and putting in the garbage.

8. Exposure Controls and Personal Protection

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Exposure limit values

No workplace exposure standard is applicable for this product.

Respiratory protection:

No respiratory protection required.

Hand protection:

Elbow-length protective gloves are required for the safe handling of this product, e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm) or polyvinylchloride (0.7 mm).

Eye protection:

No eye protection required.

Body protection:

Not required.

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing (e.g. cotton overalls) is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs. Wash hands after use. Wash gloves after each day's use. If product on skin, immediately wash area with soap and water.

9. Physical and Chemical Properties

Form:	gel
Colour:	blue violet
Odour:	characteristic
pH value:	approx. 5 – 7 (approx. 20°C)
Boiling point:	not tested
Melting range:	not determined
Flash point:	no flash point up to 400°C
Lower explosion limit:	not available
Upper explosion limit:	not available
Explosion hazard:	not explosive
Self ignition:	not determined
Vapour pressure:	not tested
Density:	approx. 1.23 g/cm ³ (20°C)
Solubility in water:	active is nearly insoluble
Solubility:	not available for other media
Partitioning coefficient n-octanol/water (log Pow):	not applicable
Viscosity	80 – 100 mPa.s (20°C)
Evaporation rate:	not applicable

10. Stability and Reactivity

Conditions to avoid:

Keep away from heat. Protect from direct sunlight.

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Thermal decomposition:

No decomposition if stored and handled as per the directions on the label.

Materials to avoid:

Strong acids, strong bases and strong oxidizing agents.

Hazardous reactions:

No hazardous reactions when stored and handled according to instructions.

Hazardous decomposition products:

No hazardous decomposition product when stored and handled according to instructions.

11. Toxicological Information

Acute toxicity

Assessment of acute toxicity:

Virtually non-toxic by inhalation. Virtually non-toxic after a single skin contact. Of low toxicity after single ingestion.

Experimental/calculated data:

LD50 rat (oral): > 2000 mg/kg

LD50 rat (dermal): > 2000 mg/kg

Information on Fipronil

Experimental/calculated data:

LC50 rat (by inhalation) 0.36 mg/l/4 h (OECD Guideline 403)

Tested as dust aerosol.

Irritation

Assessment of irritating effects:

Not irritating to the skin. Not irritating to the eyes.

Sensitization

Assessment of sensitization:

There is no evidence of a skin-sensitizing potential.

Germ cell mutagenicity

Assessment of mutagenicity:

Mutagenicity tests revealed no genotoxic potential. The product has not been tested. The statement has been derived from the properties of the individual components.

Carcinogenicity

Assessment of carcinogenicity:

The results of various animal studies gave no indication of a carcinogenic effect. The product has not been tested. The statement has been derived from the properties of the individual components.

Reproductive toxicity

Assessment of reproduction toxicity:

The results of animal studies gave no indication of a fertility impairing effect. The product has not been tested. The statement has been derived from the properties of the individual components.

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Developmental toxicity

Assessment of teratogenicity:

Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals. The product has not been tested. The statement has been derived from the properties of the individual components.

Repeated dose toxicity and Specific Target Organ Toxicity (repeated exposure)

Assessment of repeated dose toxicity:

Fipronil causes mortality and signs of neurotoxicity through prolonged or repeated exposure.

Other relevant toxicity information:

Misuse can be harmful to health. May irritate the eyes and skin. Avoid contact with the eyes and skin.

12. Ecological Information

Ecotoxicity

Assessment of aquatic toxicity:

Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. The product has not been tested. The statement has been derived from the properties of the individual components.

Information on Fipronil:

Toxicity to fish:

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

Toxicity to aquatic invertebrates:

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

LC50 (96 h): 0.00014 mg/l, *Mysidopsis bahia*

No Observed Effect Concentration (NOEC): 0.0098 mg/l/21 d, *Daphnia magna*

No Observed Effect Concentration (NOEC): 0.000008 mg/l/96 h, *Mysidopsis bahia*

Toxicity to aquatic plants:

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

No Observed Effect Concentration (NOEC): 0.04 mg/l/96 h, *Pseudokirchneriella subcapitata*

EC50 (14 d): > 0.16 mg/l (growth rate), *Lemna gibba*

No Observed Effect Concentration (NOEC): > 0.16 mg/l/14 d, *Lemna gibba*

Mobility

Assessment transport between environmental compartments:

Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of the groundwater is not expected. The product has not been tested. The statement has been derived from the properties of the individual components.

Persistence and degradability

Assessment biodegradation and elimination (H₂O):

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Fipronil is not readily biodegradable. The product has not been tested. The statement has been derived from the properties of the individual components.

Bioaccumulation potential

Assessment biodegradation and elimination (H₂O):

Accumulation in organisms is not to be expected. The product has not been tested. The statement has been derived from the properties of the individual components.

Information on Fipronil:

Bioconcentration factor: 321, *Lepomis macrochirus*

Additional information

Other ecotoxicological advice:

Do not discharge product into the environment without control.

13. Disposal Considerations

Waste disposal of substance:

Dispose of in accordance with relevant local, state or territory government regulations. Do not incinerate product.

Contaminated packaging:

Do not destroy outer pack while product remains. 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.

14. Transport Information

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Domestic transport (ADG):

Hazard Class: 9
ID Number: UN 3082
Packing Group: III
Hazard Label: 9, EHSM
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS FIPRONIL)
Hazchem Code: 3Z

Sea transport (IMDG):

Hazard Class: 9
ID Number: UN 3082
Packing Group: III
Hazard Label: 9, EHSM
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS FIPRONIL)
Marine Pollutant: YES

Air transport (ICAO/IATA):

Hazard Class: 9
ID Number: UN 3082
Packing Group: III
Hazard Label: 9, EHSM
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS FIPRONIL)

Further information

Environmentally Hazardous Substances meeting the description of UN 3077 or UN 3082 are not subject to the Australian Dangerous Goods Code when transported by road or rail in packages not exceeding 500 kg (L) or IBCs.

15. Regulatory Information

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP)

Poisons Schedule: Schedule 5

Registration status

APVMA Approval Number 70252/62829

16. Other Information

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.