



MATERIAL SAFETY DATA SHEET

TOPBAIT GEL COCKROACH BAIT

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: TOPBAIT GEL COCKROACH BAIT

Use: Ready-to-use Cockroach Gel Bait.

Company: TERMseal (Aust) Pty Ltd

Address: 195 Robinson Road East, Geebung, QLD, 4034, Australia.

Telephone Number: 07 3265 3355

Web Site: www.topbait.com.au

SECTION 2 HAZARDS IDENTIFICATION

Statement of Hazardous Nature

This product is NOT classified as hazardous according to the criteria of NOHSC Australia.

Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

Safety Phrases: May irritate the eyes. Avoid contact with eyes. Wash hands after use.

SUSDP Classification: S5 (Standard for the Uniform Scheduling of Drugs and Poisons).

ADG Classification: None allocated. Not a Dangerous Good.

UN Number: None allocated.

Emergency Overview

Physical Description & colour: Brown gel.

Odour: Negligible.

Major Health Hazards: May irritate eyes.

Potential Health Effects

Inhalation: Not applicable.

Skin Contact: Not a skin irritant.

Eye Contact: May irritate the eyes.

Ingestion: Low acute oral toxicity.

Carcinogen Status:

NOHSC: No significant ingredient is classified as carcinogenic by NOHSC.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	Conc, %	TWA (mg/m ³)	STEL (mg/m ³)
Fipronil	120068-37-3	0.05	not set	not set
Other non-hazardous food ingredients		secret	not set	not set

This is a commercial product whose exact ratio of components may vary slightly.

The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

SECTION 4 FIRST AID MEASURES

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned or irritated by this product. The number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this MSDS with you when you call.

Inhalation: First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

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Skin Contact: Irritation is not expected. If any unusual symptoms become evident, or if in doubt, wash skin with soap and water. If symptoms persist, contact a Poisons Information Centre or a doctor.

Eye Contact: Gently remove gel from eyes. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes.

Ingestion: If product is swallowed or gets in mouth, wash mouth with water and spit out. Contact Poisons Information Centre or a 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.

SECTION 5 FIRE FIGHTING MEASURES

Fire and Explosion Hazards: There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Extinguishing Media: Preferred extinguishing media are carbon dioxide, dry chemical, foam, water fog.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Flash point: Not flammable.

Upper Flammability Limit: Does not burn.

Lower Flammability Limit: Does not burn.

Autoignition temperature: Does not burn.

Flammability Class: Does not burn

SECTION 6 ACCIDENTAL RELEASE MEASURES

Accidental release: In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls and gloves. Suitable materials for protective clothing include rubber. Contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. Refer to product label for specific instructions. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Full details regarding disposal of used containers, spillage and unused material may be found on the label. If there is any conflict between this MSDS and the label, instructions on the label prevail. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry

SECTION 7 HANDLING AND STORAGE

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this MSDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: Keep containers dry and away from water. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Check packaging - there may be further storage instructions on the label.

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SECTION 8

EXPOSURE CONTROLS / PERSONAL PROTECTION

The following Australian Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Industrial Clothing: AS2919, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210. Exposure limits have not been established by NOHSC for any of the significant ingredients in this product. No special equipment is usually needed when handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: No special ventilation requirements are normally necessary for this product.
Eye Protection: Eye protection is not normally necessary when this product is being used. However, if in doubt, wear suitable protective glasses or goggles.
Skin Protection: The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary.

SECTION 9

PHISICAL AND CHEMICAL PROPERTIES

Physical Description & colour: Brown gel.
Odour: Negligible.
Boiling Point: About 100°C.
Freezing/Melting Point: Expected to be about 0°C.
Volatiles: No specific data.
Vapour Pressure: Negligible at normal ambient temperatures.
Water Solubility: Largely insoluble.
Ph value: approx. 5 - 7 (10g/l, 21°C)
Volatility: Negligible at normal ambient temperatures.

SECTION 10

STABILITY AND REACTIVITY

Chemical Stability: Stable (at atmospheric pressure at room temperature).
Conditions to avoid: Direct sunlight and high temperatures, strong oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide gas, nitrogen oxide logistics, logistics oxidant, hydrogen fluoride, hydrogen chlorine gas.
The possibility of hazardous materials response
 - **Incompatible materials:** strong alkalis, strong acids and strong oxidizers.
 - **Hazardous Polymerization:** Will not occur.

SECTION 11

TOXICOLOGICAL INFORMATION

Toxicity: Acute dermal: low, LD50 >2000 mg/kg bw (rabbit),
Acute inhalation: LC50 (4 hr) >1.7 mg/L (Rat)
Acute inhalation: LC50 (1 hr, calculated) >6.8 mg/L (Rat)
Skin Sensitisation: Non-sensitizing (Guinea pig)

SECTION 12

ECOLOGICAL INFORMATION

Non-toxic to earthworms. Fipronil has low mobility in soil. Toxic to fish and aquatic organisms. Do NOT apply to areas where surface water is present. Rinse waters and run-off from treated areas MUST be prevented from entering drains or waterways. Do NOT contaminate streams, rivers or waterways with the chemical or used containers.

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SECTION 13 DISPOSAL CONSIDERATIONS

Must be disposed of 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.

SECTION 14 TRANSPORT INFORMATION

Domestic transport: Not classified as a dangerous good under transport regulations

Sea transport: Not classified as a dangerous good under transport regulations

Air transport: Not classified as a dangerous good under transport regulations

SECTION 15 REGULATORY INFORMATION

R-phrases(s)

R52/53 Harmful to aquatic organisms may cause long-term adverse effects in the aquatic environment.

S-phrases(s)

S2 Keep out of the reach of children.

S13 Keep away from food, drink and animal feeding stuffs.

S20/21 When using do not eat, drink or smoke.

S35 This material and its container must be disposed of in a safe way.

S49 Keep only in the original container.

S57 Use appropriate container to avoid environmental contamination.

Poisons Schedule: Not scheduled

Other regulations

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

Registration status:

AICS, AU released / exempt

SECTION 16 OTHER INFORMATION

This MSDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail

AICS Australian Inventory of Chemical Substances

CAS number Chemical Abstracts Service Registry Number

Hazchem Number Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters

IARC International Agency for Research on Cancer

NOHSC National Occupational Health and Safety Commission

NOS Not otherwise specified

NTP National Toxicology Program (USA)

R-Phrase Risk Phrase

SUSDP Standard for the Uniform Scheduling of Drugs & Poisons

UN Number United Nations Number

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. Each user must review this MSDS in the context of how the product will be handled and used in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Blanbon Pty Ltd so we can attempt to obtain additional information from our suppliers. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which can be sent to our customers and is also available on request.

END OF MATERIAL SAFETY DATA SHEET