

Richgro Cockroach Killa Gel



Revision: 1

Reissue Date:
29/05/2021

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SAFETY DATA SHEET

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF SAFE WORK AUSTRALIA

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

RICHGRO GARDEN PRODUCTS

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PRODUCT NAME

Richgro Cockroach Killa Gel

RECOMMENDED USE:

Insecticide (cockroach killer) for domestic use

SECTION 2 - HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF SAFE WORK AUSTRALIA
NOT CLASSIFIED AS A DANGEROUS GOOD.
NOT A SCHEDULED POISON.

PHYSICAL HAZARDS: Not Classified

HEALTH HAZARDS: The active ingredient is below the concentration cut-offs for classification as hazardous according to Safe Work Australia

ENVIRONMENTAL HAZARDS: Hazardous to aquatic environment acute and chronic. Active ingredient is toxic to bees but is below the concentration cut-offs for classification as hazardous according to Safe Work Australia

HAZARD STATEMENT:

None

PREVENTION

P102: Keep out of reach of children

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash hands thoroughly after handling.

RESPONSE

P363: Wash contaminated clothing before reuse.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice.

STORAGE

P402+P404: Store in a closed container, in a dry place.

DISPOSAL

P501: Dispose of small quantities and empty containers by wrapping with paper and putting in household waste for landfill. For larger quantities that cannot be recycled, dispose of contents and container to approved landfill (see Section 13 of this SDS).

Label elements

GHS Signal Word: None

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS Number	Concentration
Fipronil	120068-37-3	0.5g/Kg
Non-hazardous ingredients	secret	balance

SECTION 4 - FIRST AID MEASURES

GENERAL INFORMATION: If in doubt, get medical attention promptly. Show this Safety Data Sheet to medical personnel.

EYES: Hold eyelids open and rinse the eye continuously with a gentle stream of clean running water for at least fifteen minutes. Seek medical attention.

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SKIN: Remove contaminated clothing and wash thoroughly with soap and water. Use water alone, if soap is unavailable. Apply a moisturising hand cream, if available. Seek medical attention if any soreness or inflammation of the skin persists or develops later. Launder affected clothing before re-use.

INGESTION: Rinse mouth out with water ensuring that mouth wash is not swallowed. Give about 250mL (2 glasses) of water to drink. DO NOT attempt to induce vomiting. Seek medical attention as a precautionary measure.

INHALATION: First aid is unlikely to be required as a result of exposure during normal use as the product is a gel but if symptoms occur, remove to fresh air. Keep warm and at rest. Seek medical attention if symptoms persist.

Additional Information:

First Aid Facilities: Not required.

Advice to Doctor: Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Product is not combustible. Extinguish using whatever is suitable for the primary cause of the fire. Foam, dry chemical powder (bicarbonate or ammonium phosphate based) or carbon dioxide are all suitable. Do not use high volume water jets, as this may spread the fire.

HAZARDS FROM COMBUSTION PRODUCTS: Decomposition may form oxides of carbon and other toxic fumes may be evolved.

PROTECTIVE EQUIPMENT: Fire fighters should wear self-contained breathing apparatus.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES: Wear protective equipment as specified for handling (See Section 8).

SPILLS: Product is a gel. Cover with an absorbent such as earth, sand or a commercial oil absorber. Sweep up and re-use or dispose to waste intended for landfill. Prevent material from entering drains or waterways. Given the small product size, this is considered unlikely but if a significant quantity of material enters drains, advise emergency services.

SECTION 7 - HANDLING AND STORAGE

SAFE HANDLING PRECAUTIONS: Avoid eye contact and prolonged or repeated skin contact.

SAFE STORAGE PRECAUTIONS: Keep out of reach of children. No special storage precautions required but product life will be maximised if it is stored out of direct sunlight in a cool well ventilated area.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE STANDARDS: None allocated

Exposure standards represent the airborne concentration of a particular substance in the worker's breathing zone, exposure to which, according to current knowledge, should not cause adverse health effects nor cause undue discomfort to nearly all workers. The exposure standard can be of three forms; time-weighted average (TWA), peak, or short term exposure limit (STEL).

BIOLOGICAL LIMIT VALUES: None allocated

ENGINEERING CONTROLS: Ventilation requirements depend on the quantity of product in use and the method of application. If using more than minor quantities, work area should have good, mechanical ventilation. Local exhaust ventilation is unlikely to be required for foreseeable uses of this product.

PERSONAL PROTECTION: Requirements depend on working conditions, method of application and quantity of product in use. No special equipment is required for handling small quantities but safety glasses or goggles must be worn if there is any potential for eye contact. Nitrile, neoprene, PVC or natural rubber gloves should be worn if there is any potential for skin contact.

Respiratory protection is unlikely to be required for foreseeable uses of this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES:

Physical Description & colour: Yellow to brown gel

Odour: Negligible

Boiling Point: No data available

Freezing Point: No specific data. Solid/ gel at normal temperatures.

Volatiles: Negligible

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Vapour Pressure:	Negligible
Vapour Density:	No data available
Specific Gravity:	No data available
Water Solubility:	No data available
pH:	5 - 7
Volatility:	Negligible
Evaporation Rate:	Negligible
Auto ignition temp:	Non-combustible.
Flash point:	Non-combustible.
Upper Flammability Limit:	None.
Lower Flammability Limit:	None.
Flammability Class:	None.

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal conditions of use and storage

CONDITIONS TO AVOID: Protect from direct sunlight and extreme temperatures.

INCOMPATIBLE MATERIALS: None known

HAZARDOUS DECOMPOSITION PRODUCTS: May evolve carbon dioxide and traces of incompletely burned carbon products if heated strongly in a fire event

HAZARDOUS REACTIONS: None known.

POLYMERISATION: This product will not undergo polymerisation reactions.

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE - SWALLOWED: Irritating.

ACUTE – EYE: Irritating. Contact may cause redness.

ACUTE – SKIN: Slightly irritating in case of skin contact. Prolonged or repeated skin contact may result in skin sensitisation in sensitive individuals.

ACUTE – INHALED: No adverse health effects anticipated.

Toxicity: Fipronil is not expected to have any adverse effects at the concentration in this product.

Oral LD50 >5000 mg/kg (rat) Dermal LD50 >5000 mg/kg (rat)

Not listed as a carcinogen by Safe Work Australia, the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), the National Institute for Occupational Safety and Health (NIOSH), or the Occupational Health and Safety Administration (OSHA).

No additional data available

SECTION 12 - ECOLOGICAL INFORMATION

Fipronil is harmful to aquatic organisms and toxic to bees and silkworms.

BIODEGRADABILITY: In the soil, naturally occurring organisms break down fipronil into smaller chemicals, and on the soil surface, fipronil is broken down by sunlight. Fipronil breaks down in the soil so that half of the original amount is gone in about 125 days.

BIOACCUMULATION: Potential for bio concentration in aquatic organisms is low.

MOBILITY: Fipronil binds tightly to soil and does not mix very well with water. Therefore, it does not move much in the soil and is not expected to get into groundwater.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL: Dispose of small quantities and empty containers by wrapping with paper and putting in household waste for landfill. For larger quantities that cannot be recycled, dispose of contents and container to approved landfill

SECTION 14 - TRANSPORT INFORMATION

This product is not a dangerous good according to the Australian Code for the Transportation of Dangerous Goods by Road and Rail (ADG Code), the International Maritime Dangerous Goods Code (IMDG) nor the International Air Transport Association (IATA) criteria.

UN Number: None allocated

Proper shipping name: None allocated

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DG Class: None allocated
HazChem code: None allocated
Packing group: None allocated

SECTION 15 - REGULATORY INFORMATION

All ingredients in this formulation are listed in the Australian Inventory of Chemical Substances and National Industrial Chemicals Notification and Assessment Scheme (NICNAS).

Fipronil is listed by Safe Work Australia as:

Acute toxicity – category 3

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Specific target organ toxicity (repeated exposure) – category 1

Hazardous to the aquatic environment (chronic) – category 1

Hazardous to the aquatic environment (acute) – category 1

However, the concentration of Fipronil in this product is below the concentration cut-offs which would result in classification as a hazardous chemical.

Similarly bifenthrin is listed as a scheduled poison but only at concentrations greater than those occurring in this product.

SECTION 16 - OTHER INFORMATION

REFERENCES

1. National Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals, 2011
2. Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC: 1003(1995)] and subsequent amendments
3. Australian Code for the Transportation of Dangerous Goods by Road and Rail (ADG Code), 7.7th Edition, 2020
4. Standard for the Uniform Scheduling of Medicines and Poisons No. 32, February 2021 and subsequent amendments

ABBREVIATIONS

BOD	Biological oxygen demand
CAS number	Chemical Abstracts Service Registry Number
EC50	Half maximal effective concentration
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
LDLo	Lowest documented lethal dose
LD50	Lethal Dose for 50% of test population (ingestion or skin contact)
LC50	Lethal Dose for 50% of test population (inhalation)
NOEL	No observable effect level
UN Number	United Nations Number
TD	Toxic Dose

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