

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 NAMES

Black Spot & Fungus Killa

RECOMMENDED USE:

Garden pesticide 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.
SCHEDULED 6 POISON.

PHYSICAL HAZARDS: Not Classified

HEALTH HAZARDS: Not Classified

ENVIRONMENTAL HAZARDS: Not Classified

Label elements

GHS Signal Word: None

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).

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS Number	Concentration
Flutriafol	76674-21-0	50g/Kg
Non-hazardous ingredients	Not available	balance

SECTION 4 - FIRST AID MEASURES

GENERAL INFORMATION: If in doubt, get medical attention promptly. Show this Safety Data Sheet to medical personnel. Product may be mildly irritating to the eyes.

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.

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 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: Non-combustible solid. Extinguish fire using whatever is suitable for the primary cause of the fire. Carbon dioxide, dry chemical, foam or water fogs are all suitable.

HAZARDS FROM COMBUSTION PRODUCTS: This product is unlikely to decompose under normal fire conditions but if exposed to extreme heat, decomposition may form oxides of carbon and nitrogen as well as other toxic fumes.

PROTECTIVE EQUIPMENT: Fire fighters should wear self-contained breathing apparatus. Keep containers as cool as possible by spraying with water from a protected position.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

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

SPILLS: Minor spills do not normally need any special clean-up measures. In the event of a major spill, prevent spillage from entering drains or water courses. Sweep up and collect for recycling or disposal. After spills, wash area preventing runoff from entering drains. 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. Keep in the original container, in a cool, well-ventilated area out of direct sunlight to prolong product life.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE STANDARDS:

None

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: Natural ventilation is adequate for normal use 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 should be worn if necessary to prevent eye contact. Nitrile, neoprene, PVC or natural rubber gloves should be worn if necessary to prevent skin contact when handling bulk product. Respiratory protection is unlikely to be required for normal use of this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES:

Physical Description & colour:	Granular solid.
Odour:	Odourless
Boiling Point:	Not available
Melting Point:	Solid at normal temperatures
Volatiles:	Negligible
Vapour Pressure:	Negligible
Vapour Density:	Not pertinent.

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Specific Gravity:	Not available
Water Solubility:	Not available
pH:	Not available
Volatility:	Negligible.
Evaporation Rate:	Negligible.
Auto ignition temp:	None
Flash point:	None
Upper Flammability Limit:	None
Lower Flammability Limit:	None

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal conditions of use and storage

CONDITIONS TO AVOID: Keep out of reach of children. Keep in the original container in a cool, well-ventilated area to prolong product life.

INCOMPATIBLE MATERIALS: None identified.

HAZARDOUS DECOMPOSITION PRODUCTS: May evolve toxic fumes if heated to extreme temperatures.

HAZARDOUS REACTIONS: None known.

POLYMERISATION: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE - SWALLOWED: Large does may cause nausea and vomiting.

ACUTE – EYE: Transient irritation may occur, as for any solid foreign body in the eye

ACUTE – SKIN: No symptoms are expected as a result of brief contact, not expected to be irritating.

ACUTE – INHALED: Dusts may cause transient irritation.

CHRONIC HEALTH EFFECTS

None anticipated

None of the ingredients in this product are as carcinogens 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).

Toxicity data (On Flutriafol technical)

Acute Toxicity – Oral LD₅₀ (rat): 1140-1480mg/kg

Acute Toxicity – Dermal LD₅₀ (mouse) = >1000mg/kg

LD₅₀ (rabbit) >2000mg/kg

Acute Toxicity – Inhalation LC₅₀ (rat) = 1.65mg/L/4hr

SECTION 12 - ECOLOGICAL INFORMATION

Harmful to aquatic organisms, may cause long-term adverse effects to the aquatic environment but this is considered unlikely at the concentration levels in this product.

- it does not harm animals or plants in the tiny amounts used
- it does not persist in the environment,

BIODEGRADABILITY: Will degrade in soil. Excess may be washed through soil to waterways. Release of large quantities to waterways may encourage potential for toxic effects on aquatic organisms but this is not anticipated due to the small product size

BIOACCUMULATION: Not expected to bio-accumulate

MOBILITY: Mobile in soil and water

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL: Recycling is the preferred option. 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), neither the International Maritime Dangerous Goods Code (IMDG) nor the International Air Transport Association (IATA) criteria.

UN Number: None allocated
Proper shipping name: None allocated
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).
Product is a Schedule 6 poison due to the Flutriafol content.

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), 7.8th Edition, 2022
4. Standard for the Uniform Scheduling of Medicines and Poisons, October 2023 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)
UN Number	United Nations Number
TD	Toxic Dose

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