

Material Safety Data Sheet



RURAL CHEMICAL INDUSTRIES (AUST.) PTY LTD

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IDENTIFICATION

Product Name:	RCI Ratblitz Bait
Other Names:	N/A
Manufacturer's Product Code:	N/A
UN Number:	3027
Dangerous Goods Class and Subsidiary Risk:	6.1
Hazchem Code	
Proper Shipping Name:	Coumarin derivative solid, toxic
Packaging Group:	I
EPG:	
Chemical Family	Coumarin Derivative
Poisons Schedule Number:	5
Use:	Anticoagulant bait for rodents

Physical Description/Properties

Appearance:	Golden coloured lump free granules
Vapour Pressure:	N/A
Specific Gravity:	0.7 kg/L (bulk density)
Flashpoint:	N/A
Boiling Point/Melting Point:	N/A
Solubility:	Insoluble in water

Ingredients:

Chemical Name:	CAS Number	Proportion (g/l)
Warfarin 3-(alpha Acetylbenzyl)-4-hydroxycoumarin	81-81-2	0.25 g/kg
Antioxidant		0.5 g/kg
Vegetable Meal		999.25 g/kg

HEALTH HAZARD INFORMATION

First Aid: If poisoning occurs, get to a doctor or hospital quickly. Immediately contact Poisons Information Centre (telephone 13 11 26) and follow the advice given. Show this Material Data Safety Sheet to a doctor.

Health Effects: No adverse health effects expected if product is handled according to label directions and Safety Data Sheet.

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Acute:

- Ingestion: Abdominal pain, gum bleeding, nose bleeding, bruising and haemorrhage formation. RUSH to a health care facility.
- Eye: May be an eye irritant.
- Skin: May result in irritation.
- First Aid Facilities: Ensure washing facilities are available.

Chronic:

- Ingestion: Vomiting may be induced with syrup of Ipecac. If elapsed time since ingestion of warfarin is unknown or suspected to be greater than 30 minutes, do not induce vomiting. Ipecac should not be administered to children less than 6 months of age.
Warning: Syrup of Ipecac should be administered only if victims are alert, have an active gag-reflex, and show no signs of impending seizure or coma. Ambulate (walk) the victims and give large quantities of water. If vomiting has not occurred after 15 minutes, Ipecac may be readministered. Continue to ambulate and give water to the victims. If vomiting has not occurred within 15 minutes after second administration of Ipecac, administer activated charcoal if victims are conscious and alert.
- Eye: Eyes must be flushed with lukewarm water for at least 15 minutes. It is an advisable precaution to seek medical advice.
- Skin: Wash exposed skin areas THOROUGHLY with soap and water. If irritation occurs seek medical advice.
- Inhaled: Move to fresh air. Administer oxygen or artificial respiration if needed. Call a doctor immediately.
- First Aid Facilities: Ensure washing facilities are available.
- Advice to Doctor:** **Warfarin inhibits production of prothrombin. Direct treatment to correct prothrombin deficiency. Administration of synthetic vitamin K or K₁ (phytomenadione) will be almost a specific antidote but action will be somewhat delayed and administration must be continued until the clotting of the blood is re-established.**

PRECAUTIONS FOR USE

- Exposure Standards: No exposure standards available
- Engineering Controls: Natural ventilation.
- Personal Protection: To avoid eye and skin contact, wearing the following personal protective clothing and equipment is recommended:
Eyes: safety goggles
Clothing: protective clothing giving full body cover
Gloves: wear elbow length rubber gloves
- Other: Wash hands after handling, notwithstanding the wearing of gloves.
- Flammability: N/A

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SAFE HANDLING INFORMATION

- Storage & Transport:** Ratblitz is not classified as 'Dangerous Goods' by the relevant authorities for transport by road and rail, sea or air.
- Spills and disposal**
- Spillage or Leak Procedures: Ensure adequate ventilation. Wear personal protective equipment. Do not flush into surface water or sanitary sewer system.
- Waste Disposal Methods: Shovel into suitable container for disposal. Avoid dust formation. Clean contaminated surface thoroughly. Used containers must either be crushed and buried below the topsoil or burned. Care must be taken to avoid subsequent contamination of water sources.
- Fire/Explosion Hazard:**
- Extinguishing Media: Water spray, dry powder, foam, carbon dioxide (CO₂)
- Special Protective Equipment: Wear self-contained breathing apparatus and protective suit.
- Reactivity Hazards: None reasonably foreseeable.

OTHER INFORMATION:

No LD₅₀ data available for Ratblitz

Oral LD ₅₀ (mg/kg) Warfarin	Rat		
	Single oral dose	50 mg/kg	non-lethal
	5 daily oral doses	5 mg/kg	lethal
	14 days self feeding	2.87 mg/kg	lethal

Environmental/Ecological effects: Spills and waste water from production, transport, storage and use as a rodenticide may cause entrance of warfarin into the environment.

Special Precautions/Comments: Ratblitz baits should not be used where there is a risk of contaminating food, animal feeding, drinking or washing water. Baits should be placed in containers clearly marked. Baits should not be laid unless all access by children or domestic animals can be prevented. All exposed baits and their containers should be removed after treatment and burned. Rodent bodies should be searched for and destroyed by burning. Avoid release to the environment in circumstances different to normal use.

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