

MATERIAL SAFETY DATA SHEET

This product is harmful if swallowed. It is not designated as a Hazardous Substance according to the criteria of Worksafe Australia

This revision issued: May 2006

1. IDENTIFICATION OF CHEMICAL PRODUCT AND COMPANY

Product name: PCT First Formula[®] RODENTICIDE

Other names: none
Formulation type: Wax blocks
Poison Schedule: S6
Recommended use: rodenticide for use as described on the product label.
Supplier: PCT International Pty Ltd
Address: Unit 1/ 74 Murdoch Cct, ACACIA RIDGE QLD 4110
Telephone: (07) 3711 7022
Fax: (07) 3711 7055
Website: www.pct.au.com
Contact: David Pearson
Emergency telephone No: 1800 630 877

2. COMPOSITION of/ INFORMATION on/ INGREDIENTS

Ingredients	CAS No	Proportion
BRODIFACOUM	56073-10-0	0.005%
Food grade base		>60%
BITREX (bittering agent)	3734-33-6	<1%

3. HAZARDS IDENTIFICATION

Hazard Designation: none allocated
Risk Phrases: none allocated
Safety Phrases: none allocated
SUSDP Classification: none allocated
ADG Classification: none allocated
UN Number: none allocated

4. FIRST AID MEASURES

General Information:	In cases of suspected poisoning, call a doctor or the Poisons Information Centre on 131126 .
Inhalation:	Being a solid formulation, inhalation is not considered to be a likely source of exposure to this product. However, care should be taken to avoid breathing any dust which may be present in packaging.
Skin Contact:	Wash affected area with soap and water. If irritation occurs, seek medical advice.
Eye Contact:	Flush with water at room temperature for at least 15 minutes. If irritation develops, seek medical advice.
Ingestion:	If product is swallowed, rinse mouth with water and give patient plenty of water to drink. Seek medical advice urgently.
Symptoms of Poisoning:	Ingestion of large quantities of the product may cause nausea, vomiting, thirst, bleeding gums, increased tendency to bruise, and excessive bleeding from minor cuts and abrasions.
Advice to Doctor:	Administer Vitamin K intramuscularly or orally for several weeks with regular monitoring of the coagulation parameters and prothrombin times.

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards:	This product is combustible if involved in a fire.
Fire Extinguisher type:	Fine water spray, foam or dry powder.
Fire Fighting Procedures & Precautions:	When fighting a major fire, wear full protective clothing and self-contained breathing apparatus.
Hazardous Decomposition Products:	In the event of a fire, this product may release smoke and hazardous decomposition products.

6. ACCIDENTAL RELEASE/ SPILLS MEASURES

Dealing with spills has the potential to increase the risk of personal exposure- during such operations, ensure that protective clothing is worn as detailed below. Avoid contact with spilled material. Keep people and animals away. Prevent spillage from entering drains, sewers or watercourses. If contamination thereof is unavoidable, warn the local water authority. Spills should be contained and then be placed in sealable, labeled, drums for reuse or safe disposal in an approved landfill, and in accordance with the requirements of local or State Waste Management Authorities. Alternatively, bury under at least 500^{mm} of soil in an area away from crops, pastures, homes or water sources. Do not burn empty containers or product. Decontaminate the spill area with detergent and water.

7. HANDLING AND STORAGE

Handling:	Keep product in the original container until use. Avoid skin contact by wearing impervious gloves, and wash hands thoroughly with soap and water after baiting.
Storage:	This product should be stored in tightly sealed original containers in a dry, secure place away from fertilizers, seed, feed and food. Store out of direct sunlight. Ensure product remains out of reach of children, unauthorized persons and animals. Containers used to store this product should not be used for any other purpose.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure Limits:	No values have been set for this product by the NOHSC.
Ventilation:	Not required.
Eye Protection:	Not required.
Skin Protection:	Impervious PVC gloves recommended for handling product.
Respirator:	Not required.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical Description:	Red wax blocks.
Odour:	Sweet seed odour.
Specific Gravity:	n/a
Water Solubility:	n/a
Volatility:	n/a
Melting Point:	>45°C
Evaporation Rate:	n/a

10. STABILITY & REACTIVITY

Reactivity:	None known. Product is stable if stored in the original container.
Conditions to Avoid:	Strongly alkaline materials.
Incompatibilities:	Strongly alkaline materials.
Fire Decomposition:	Oxides of Carbon.
Polymerisation:	Will not occur under normal conditions of storage and use.

11. TOXICOLOGICAL INFORMATION

Toxicity:	Tests on rats show this product is very toxic following a single dose of the active ingredient.
Chronic Toxicity:	This product accumulates in body tissues, and has a long half-life (150 to 200 days). There is a risk of accumulation of repeated small doses over a long period of exposure leading to toxic levels within the body.
Reproductive Effects:	No evidence in mammals.
Teratogenic Effects:	No evidence in mammals.
Mutagenic Effects:	No evidence in mammals.
Carcinogenic Effects:	No evidence in mammals.
Carcinogenic status:	This product is not considered to be a carcinogen.
Animal Toxicity Data:	LD ₅₀ rat (oral) 0.27 mg/kg LD ₅₀ rabbit (dermal) >2000 mg/kg

12. ECOLOGICAL INFORMATION

Effects on Birds:	Brodifacoum is very toxic to birds and other wildlife.
Effects on Aquatic Organisms:	Brodifacoum is very toxic to aquatic organisms. Do not contaminate waterways with the product.
Environmental Persistence & Degradation:	Brodifacoum degrades slowly in soil under aerobic and flooded conditions, with a half-life greater than 12 weeks. It is unlikely to leach into groundwater.

13. DISPOSAL CONSIDERATIONS

Dispose of empty, used containers in a disposal pit away from desirable plants and their roots and from watercourses. If recycling, return cleaned containers to a recycler or designated collection point. If not recycling, break, crush or puncture empty containers and bury in a local authority landfill. If no landfill available, bury the containers at least 500^{mm} deep in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

14. TRANSPORT INFORMATION

UN Number:	n/a
Proper Shipping Name:	n/a
Class and Subsidiary Risk:	n/a
Packing Group:	n/a
Hazchem Code:	n/a

15. REGULATORY INFORMATION

APVMA Approval No:	59875/8/0705
---------------------------	--------------

16. OTHER INFORMATION

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

The above information is correct and accurate to the best of our knowledge. However, no warranty, expressed or implied, is made as to its accuracy or completeness of data herein. Further research and investigation may be required for your particular use of this product.

PCT International Pty.Ltd.
Unit 1, 74 Murdoch Cct,
ACACIA RIDGE Qld 4110