

Animal Control Products Ltd



SAFETY DATA SHEET

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** (a) PESTOFF RODENT BAIT  
(b) PESTOFF RODENT BAIT 20R  
(c) PESTOFF RODENT BLOCKS  
(d) PESTOFF BRODIFACOUM POSSUM BAIT  
(e) PESTOFF WAXED POSSUM BAIT

**Synonyms:** (a) – (c) Pestoff rodenticide  
(d) – (e) Pestoff possum bait

**Supplier 1:** Animal Control Products Ltd  
**Street Address:** 408 Heads Road  
Wanganui  
New Zealand  
**Telephone:** 64 (0) 6 344 5302  
**Facsimile:** 64 (0) 6 344 2260

**Supplier 2:** Animal Control Products Ltd.  
**Street Address:** 10 Hayes Street  
Waimate  
New Zealand  
**Telephone:** 64 (0) 3 689 8367  
**Facsimile:** 64 (0) 3 689 8804  
**After Hours Numbers:** 0274 798 318 or  
0274 798 319

**Emergency Telephone Number**  
**National Poisons Centre:** 0800 764 766

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

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**Active Ingredient:** Brodifacoum @ 0.002% w/w  
**Other Ingredients:** Cereals, sugars, waxes and binders.  
**Molecular Weight of Active:** 523.4  
**Molecular Formula of Active:** C<sub>31</sub>H<sub>23</sub>O<sub>3</sub>Br  
**Recommended Use:** Cereal based baits for rodent or possum control.

**Appearance:** Extruded solid cereal blocks or baits dyed green or blue

### 3. HAZARD IDENTIFICATION

#### STATEMENT OF HAZARDOUS NATURE

<b>HAZARD CLASSES (HSNO):</b>	6.9B, 9.1D
<b>HAZARD IDENTIFIERS:</b>	<b>Priority Identifiers</b> – Harmful, Ecotoxic, Keep out of reach of children. <b>Secondary Identifiers</b> - Harmful substance. Repeated oral exposure may cause toxin to accumulate in internal organs and may affect the clotting ability of the blood.
<b>DANGEROUS GOODS CLASS:</b>	<b>Not classified Dangerous Goods</b> as toxicity falls below Packing Group III threshold.

**SYMPTOMS OF POISONING:** No symptoms may be apparent for several days if poisoning has occurred. Can kill if swallowed in large quantities. The active constituent (brodifacoum) is an anti-coagulant chemical, which if taken by humans, domestic animals or pets, will reduce the clotting power of the blood. Nausea and vomiting may occur soon after ingestion, however in some cases effects from exposure may be delayed for several days or may not be evident unless checked by a physician. Typical overt symptoms of poisoning include bleeding gums, increased tendency to bruising, blood in urine and faeces and excessive bleeding from minor cuts. Haemorrhagic shock, coma and death may follow in cases of severe poisoning.

### 4. FIRST AID MEASURES

<b>Ingestion:</b>	In the event of ingestion, do not induce vomiting. Consult a physician and provide an estimation of the amount of product ingested. In the case of very small amounts of product (< 10 grams) being taken, no symptoms may develop but larger amounts may affect blood clotting times. A physician can assess this and provide Vitamin K <sub>1</sub> therapy as necessary.
<b>Eye Contact:</b>	Wash eyes with water.
<b>Skin Contact:</b>	Wash exposed area with soap and water.
<b>Contaminated Clothing:</b>	Remove contaminated clothing and wash before re-use. Wear gloves and overalls when handling baits. Do not eat, drink or smoke. Clothing and gloves must be decontaminated by washing in hot soapy water.

**As symptoms of poisoning may not appear for several days, always consult a doctor where poisoning is suspected.**

### 5. FIRE FIGHTING MEASURES

Low flammability risk. Baits have no toxic emissions as either vapours, gases or odours. The primary hazard is by ingestion.

### 6. ACCIDENTAL RELEASE MEASURES

In the event of a spill, isolate the spill area and take all practicable steps to manage any harmful effects of a spillage including preventing baits from entering streams or waterways. Scoop spilled baits into secure containers. Recover any undamaged bait for later use by placing in appropriately labelled containers and dispose of spoiled bait as directed in the disposal section below. Use a broom to collect fine material and wash down the spill area with copious water only after all spilled bait has been removed.

### 7. HANDLING AND STORAGE

Wear impervious gloves when handling baits or open containers. Do not eat, drink or smoke when using the product or handling open containers. Remove protective clothing and wash hands and exposed skin thoroughly before meals and after any contact.

Store in original container, tightly closed and away from feed or foodstuffs. Keep out of reach of children and domestic animals.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational Exposure Limits:** Not applicable (not assigned).

**Engineering Measures:** Decontaminants are water and microbial decomposition.

**Personal Protection Equipment:** Operators using or handling the product in open containers must wear gloves and overalls. When working around aircraft, wear a dust mask to prevent inhalation of airborne particles.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form / Colour / Odour:** Pellet and block baits have a solid cylindrical form, are dyed blue or green and may have an odour of cinnamon, fruit flavouring, or chocolate.

<b>Solubility of technical grade brodifacoum</b>	Water at pH	5.2 = 0.00
		7.4 = 0.38
		9.3 = 1.00
	Toluene	0.72
	Acetone	2.30
	Methanol	0.27

## 10. STABILITY AND REACTIVITY

Brodifacoum cereal baits are stable and non-reactive under normal storage and use conditions.

## 11. TOXICOLOGICAL INFORMATION

The baits present a very low hazard to operators unless taken orally.

### TOXICITY DATA FOR THE ACTIVE INGREDIENT - VARIOUS SPECIES\*

White laboratory rat (oral) LD <sub>50</sub>	0.26 mg/kg B/W
Brush-tailed possum (oral) LD <sub>50</sub>	0.8 mg/kg B/W
Dog (oral) LD <sub>50</sub>	3.56 mg/kg B/W
Cat (oral) LD <sub>50</sub>	25.0 mg/kg B/W
Mouse (oral) LD <sub>50</sub>	0.4 mg/kg B/W

## 12. ECOLOGICAL INFORMATION

Use the pellets only for the purpose indicated and in the manner prescribed by the product label.

Brodifacoum may persist for many months in the fatty tissue, liver and kidneys of sub-lethally poisoned animals. Mortally poisoned animals may present a secondary poisoning risk to carnivorous birds and mammals and in addition a tertiary poisoning risk where for example feral pigs eat poisoned possums and are subsequently taken and eaten by pig hunters. Take steps to mitigate any potential non-target exposure by wildlife, domestic animals or humans. Studies have shown that brodifacoum concentrations will decline within rotting carcasses.

Improper disposal of excess pesticide is unlawful. If wastes can not be disposed of according to label instructions, contact local Regional Council or a hazardous waste advisor for guidance.

### 13. DISPOSAL CONSIDERATIONS

Product which is damaged or spoiled should be disposed of by burying with other organic material on the active tip face of an appropriately managed landfill or buried within the biologically active layer of soil elsewhere within a secure area. Ensure that a good covering of earth is applied over the bait immediately to prevent access by scavenging birds. Alternatively, burn unwanted bait material in a suitably constructed and appropriately located incinerator and bury any residues as above. The emissions from burning bait are likely to cause nausea, so ensure wind direction is favourable before burning. Treating the baits through a sewage oxidation facility or other chemical treatment facility is also an acceptable means of disposing of unwanted bait material. Burn empty bags or bury at a landfill. Do not use the empty container for any other purpose.

### 14. TRANSPORT INFORMATION

<b>Proper Shipping Name:</b>	Not Applicable – Not classified as Dangerous Goods due to low toxicity
<b>U.N. NO:</b>	Not Applicable
<b>Class:</b>	Not Applicable
<b>Packing Group:</b>	Below PG III threshold for Dangerous Goods

**Maximum transport quantity when for use as tools of trade = No limits**

### 15. REGULATORY INFORMATION

**Registered Pesticides:** V004991 (Pestoff Brodifacoum Possum Bait), V005136 (Pestoff Waxed Possum Bait), V005137 (Pestoff Rodent Bait), V009014 (Pestoff Rodent bait 20R), V005099 (Pestoff Rodent Blocks).

### 16. OTHER INFORMATION

Do not use poisoned or contaminated animals for food or feed.

This product is toxic to most wildlife. Birds and mammals feeding on carcasses of contaminated animals may be killed. Take measures to minimise the chance of baits entering any body of water. Apply the product only as specified by its label directions.

Where practicable, the exposed bodies of all poisoned animals should be collected and destroyed by complete burning or deep burial at a landfill approved for hazardous wastes.

CONSULT NEAREST POISON CONTROL CENTER FOR CURRENT INFORMATION.

**All information contained in this Data Sheet is as accurate and up-to-date as possible. Since Animal Control Products Ltd. cannot anticipate or control the conditions under which this information may be used, each user should review the information in the specific context of the intended application.**