



## SAFETY DATA SHEET

## PESTOFF RAT BAIT 50D

Orillion (The trading name of Animal Control Products Ltd.)  
408 Heads Road, Whanganui 4501, New Zealand  
+64 6 34 4 5302 or +64 21 919 624

ACVM:	V009533
HSNO:	HSR001596
UN:	2811
CAS:	82-66-6
Active:	Diphacinone 0.005%
Class:	6.9
Packing Group:	< PG III

## 1. IDENTIFICATION OF THE SUBSTANCE AND MANUFACTURER

### 1.1 Product identifier

Trade Name Pestoff Rat Bait 50D

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Pellet baits for the control of rats.

### 1.3 Details of the supplier of the safety data sheet

Company Orillion, 408 Heads Road, Wanganui 4501, New Zealand.  
(Orillion is the trading name of Animal Control Products Ltd.)

Telephone +64 (6) 3445302 or +64 (21) 919 624

Email address enquiries@orillion.com

### 1.4 Emergency telephone number

National Emergency Contact number 111

NZ National Poisons Information Service 0800 764 766

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

6.9B Specific target organ toxicity - single exposure Category 2  
Specific target organ toxicity - repeated exposure Category 2

9.1D Designed for biocidal action

CAS Registry number of active ingredient: 82-66-6

### 2.2 Label Elements

Hazard Pictogram:



Signal word Warning

### Precautionary Statements

#### Hazard Statements:

H373 May cause damage to organs through prolonged or repeated exposure

H413 May cause long lasting harmful effects to aquatic life

#### Precautionary Statements:

P103b Read label before use.

P260 Do not breath dust

P273 Avoid release to the environment

P314 Get medical advice/attention if you feel unwell

#### Storage:

P405 Store locked up

#### Disposal:

P501 Dispose of contents/container in accordance with label directions

### 2.3 Other Hazards

No data

### 3. COMPOSTION / INFORMATION ON INGREDIENTS

---

#### 3.1 Substances

Contains no substances of concern other than the active ingredient.

#### 3.2 Mixtures

<b>Chemical Nature:</b>	Diphacinone 0.005%
<b>Component:</b>	$C_{23}H_{16}O_3$
<b>CAS Number:</b>	82-66-6
<b>Concentration (% w/w):</b>	0.005%
<b>Classification EU:</b>	2811
<b>Other non-Hazardous ingredients *:</b>	Cereals, binders, sweeteners, dye, stabilisers

\* do not affect the hazardous classifications of the substance.

### 4. FIRST AID MEASURES

---

#### Ingestion:

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 K1 therapy, as necessary.

#### Eye Contact:

Wash eyes with water.

#### Skin Contact:

Wash exposed area thoroughly with soap and water, then rinse.

#### Contaminated Clothing:

Remove contaminated clothing and wash before re-use. Wear gloves and overalls when handling baits. Do not eat, drink, or smoke. Clothing and gloves should be decontaminated by washing in hot soapy water.

#### SYMPTOMS OF POISONING:

Effects of overexposure are those of anticoagulant overdose, i.e., reduced blood clotting ability with spontaneous bleeding in various organs. Body accumulation can result from repeated exposures. Individuals with blood clotting disorders may be more susceptible to overexposure effects.

**AS THE SYMPTOMS OF POISONING WILL BE DELAYED FOR SEVERAL DAYS, ALWAYS SEEK MEDICAL ADVICE IF POISONING IS SUSPECTED.**

### 5. FIRE FIGHTING MEASURES

---

Low to nil flammability risk but acrid, irritating smoke may be produced by ignition or incineration of the pellets. The pellets otherwise have no toxic emissions as either vapours, gases or odours. The primary toxicity hazard is by ingestion.

#### Suitable extinguishing Media:

Water fog, fine water spray, foam or as appropriate to surrounding materials.

#### Unsuitable extinguishing Media:

None identified.

### 6. ACCIDENTAL RELEASE MEASURES

---

#### Personal precautions, protective equipment and emergency procedures:

Wear personal protective equipment.

See protective measures under points 7 and 8.

#### Methods and materials for containment and clean up:

In the event of major spills, 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.

#### Environmental Considerations:

Consider possible hazards arising from irrigating spill sites. Brodifacoum is not water soluble but fine bait material may pose a risk to people, pets, livestock, wildlife, and fish.

## 7. HANDLING AND STORAGE

---

### Precautions for safe handling:

Wear suitable personal protective equipment as required.

### Conditions for safe storage, including any incompatibilities:

Store in original container, tightly closed, under lock and key and away from feed or foodstuffs. Keep out of reach of children, pets and livestock.

### Incompatible Materials:

None identified.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

---

### Occupational Exposure Limits:

Not Applicable (not assigned).

### Engineering Measures:

Decontamination is through microbial decomposition in a biologically active medium.

### Personal Protection Equipment:

Operators using or handling the product in open containers must wear gloves and overalls. Do not smoke, drink, or eat while handling the product. Wash hands, face, and any exposed areas after use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

### Form / Colour / Odour:

Pellets have a solid cylindrical form, are dyed blue or green and may have an odour of cinnamon, fruit flavouring or chocolate.

Property:	Specifications:
Physical State:	Solid
Appearance:	Cylindrical blocks
Odour:	No data available
Odour Threshold:	Not relevant
pH:	Not determined
Melting point/range:	Not relevant
Boiling point/range:	Not relevant
Flash Point:	No data available
Evaporation rate:	No data available
Flammability:	No data available
Upper/lower flammability or explosive limits:	No data available
Vapour Pressure:	Not relevant
Vapour density:	Not relevant
Relative Density:	No data available
Water Solubility:	No data available
Lipid Solubility:	No data available
Partition coefficient (N-octanol/water):	No data available
Auto-ignition Temperature:	No data available

## 10. STABILITY AND REACTIVITY

---

Brodifacoum cereal based pellets 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 \*

Species (Oral) LD50	LD50- active
White laboratory rat (oral)	3.0 mg//kg B/W
Dog (oral)	15.0 – 55.0 mg/kg B//W
Cat (oral)	15.0 mg/kg B/W
Duck (oral)	3000.0 mg/kg B/W

## 12. ECOLOGICAL INFORMATION

---

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

Diphacinone should not persist in the fatty tissue, liver or kidneys of sub-lethally poisoned animals to the extent that some second generation anticoagulants will. Mortally poisoned animals may however present some secondary poisoning risk to carnivorous birds and mammals. Take steps to mitigate any potential non-target exposure by wildlife, domestic animals or humans.

Improper disposal of excess pesticide is unlawful. If wastes can not be disposed of according to label instructions, contact local Regional Council or the Hazardous Waste Consultant for guidance.

## 13. DISPOSAL CONSIDERATIONS

---

Product which is surplus 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. Cover immediately if there is a danger of non-target exposure (e.g. sea gulls). Alternatively, burn unwanted baits in a suitably constructed and appropriately located incinerator and bury any residues as above. Treating the baits through a sewage oxidation facility or other chemical treatment facility is also an acceptable means of disposing of unwanted bait material. Bury empty tubes in a suitable location at a depth of 60 cm or at an approved 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>	6.9
<b>Packing Group:</b>	Below PG III threshold for Dangerous Goods
<b>Maximum transport quantity when for use as tools of trade:</b>	No Limits

## 15. REGULATORY INFORMATION

---

<b>Registered Pesticides:</b>	Pestoff Rat Bait 50D - V009533
<b>HSNO Approval</b>	HSR001596

## 16. OTHER INFORMATION

---

### Special Precautions & Other Comments

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 directs.

Where practicable, 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 Orillion 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.

<b>Revised by:</b>	JVQ
<b>Date of revision:</b>	MAY 2024