



SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	PESTOFF RAT BAIT 50D
Synonyms:	Pestoff Diphacinone Bait
Supplier 1:	Animal Control Products Ltd
Street Address:	408 Heads Road Whanganui 4501 New Zealand
Telephone:	64 (0) 6 344 5302
Website:	www.pestoff.co.nz
Emergency Telephone Number:	0274 798 318 or 0274 798319
National Poisons Centre:	0800 764 766

2. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name:	PESTOFF RAT BAIT 50D
Synonyms:	Pestoff Diphacinone Bait
Active Ingredient:	Diphacinone 0.005% W/W
Other Ingredients:	Cereal, binders, sweeteners, dye, stabilisers
Recommended Use:	Pellet baits for the control of rats
Appearance:	Green cylindrical pellets
Active CAS number:	82-66-6
Molecular Weight:	340.38
Molecular Formula:	C ₂₃ H ₁₆ O ₃

3. HAZARDS IDENTIFICATION

This product is classified as a **HAZARDOUS SUBSTANCE**.

HSNO Approval Code: HRC000007

HAZARD CLASSES:	6.9B, 9.1D
HAZARD IDENTIFIERS:	Priority Identifiers - Harmful. Keep out of reach of children. Ecotoxic. Secondary Identifiers - Harmful substance. Repeated oral exposure may cause toxin to accumulate in internal organs and may affect the clotting ability of the blood. Wear gloves when handling open containers or baits. Toxic to terrestrial vertebrates. Take measures to prevent domestic animals and pets being exposed to the toxin either through eating baits or through eating the carcasses of poisoned animals.
DANGEROUS GOODS CLASS:	Not classified as dangerous goods.
GENERAL REQUIREMENTS:	No special requirements. The product may be used only in accordance with label directions.

SYMPTOMS OF POISONING: The active constituent (diphacinone) 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

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 swallowed, no symptoms may develop but larger amounts may affect blood clotting times. A physician can assess this and provide Vitamin K therapy as necessary.

Eye Contact: Wash eyes with water.

Skin Contact: Wash exposed area with soap and water.

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 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 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.

6. ACCIDENTAL RELEASE MEASURES

Isolate spillage. Scoop spilt pellets into secure containers. Recover any undamaged pellets for later use by placing in appropriately labeled containers. Wash down area with copious water. 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 the pellets from entering streams or waterways. Scoop spilled baits into secure containers. Recover any undamaged pellets for later use by placing in appropriately labeled containers and dispose of spoiled pellets as directed below. Wash down the spill area with copious water and detergent only after all spilled pellets have been removed. Bury spoiled pellets at least 60cm deep in a suitable site or dispose of as required under section 13 below..

7. HANDLING AND STORAGE

Store in original container, in a dry locked place away from food, children and domestic animals.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits: Not applicable

Engineering Measures: Decontaminants are heat and microbial decomposition.

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: Solid pellet baits dyed green.

10. STABILITY AND REACTIVITY

The pellets will keep for up to 12 months in cool conditions but it is recommended that the pellets be used within 3 months when possible, to ensure maximum palatability to rodents.

11. TOXICOLOGICAL INFORMATION

The product presents a very low hazard to operators unless taken orally.

TOXICITY DATA FOR THE ACTIVE INGREDIENT - VARIOUS SPECIES*

White laboratory rat (oral) LD ₅₀	3.0 mg/kg B/W
Dog (oral) LD ₅₀	15.0 – 55.0 mg/kg B/W
Cat (oral) LD ₅₀	15.0 mg/kg B/W
Duck (oral) LD ₅₀	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

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

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

15. REGULATORY INFORMATION

Registered in New Zealand under the ACVM Act 1997, No. V009533 (Pestoff Rat Bait 50D).

16. OTHER INFORMATION

Do not use poisoned or contaminated animals for food or feed. Take particular care to prevent access to the baits by domestic pets.

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.

**Revised by: WJ Simmons
Revision date: 15 March 16**