



1. IDENTIFICATION OF THE SUBSTANCE AND MANUFACTURER

1.1 Product identifier

Trade Name PESTOFF Decal Possum Bait

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

Pellet baits for the control of possums.

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

Acute oral toxicity	Class 6.1E Class 6.8B Class 6.9B
Ecotoxic – Toxic to terrestrial animals	Class 9.1D
CAS Registry number or active ingredient:	67-96-0

2.2 Label Elements

Hazard Pictogram



Signal word

Warning

Precautionary Statements

Hazard Statements:	H303	May be harmful if swallowed.
	H361	Suspected of damaging fertility or the unborn child
	H373	May cause damage to organs through prolonged or repeated exposure.
Precautionary Statements:	P101b	If Medical advice is needed, have product container or label at hand.
	P102	Keep out of reach of children
	P103	Read label before use.
	P201	Obtain special instructions before use.
	P202	Do not handle until all safety precautions have been read and understood.
	P260	Do not breath dust.
	P273	Avoid Release to the environment
	P281	Use personal protective equipment as required.
	P308+P313	If expose or concerned: Get medical advice/attention.
	P314	Get medical advice/attention if you feel unwell.
	P405	Store locked up
	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

Chemical Nature: Bait for the control of possums

Active ingredient:

Cholecalciferol 0.8%

Component	CAS Number	Concentration (% w/w)	Classification EU
C ₂₇ H ₄₄ O	67-96-0	0.8%	2588
Other non-Hazardous ingredients *		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. Call a doctor or emergency physician at your nearest hospital. For further advice contact National Poisons Centre 0800 POISONS (Phone 0800 764 766)

Eye Contact:

Irrigate with plenty of water for at least 15 minutes. If redness, itching or burning sensation develops, have eyes examined by medical personnel.

Skin Contact:

Wash contaminated skin with plenty of soap and water. If redness, itching or burning sensation develops, get medical attention.

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.

Notes to Physician:

If large quantities of the product have been taken orally, calcium deposits laid down in soft tissues including the kidneys and arteries may lead to hypertension, cardiac arrest, and renal failure.

SYMPTOMS OF POISONING:

No symptoms may occur for several hours or days after poisoning has occurred. Symptoms may include nausea, loss of appetite, thirst, possible trembling, sweating, vomiting, lethargy.

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

5. FIRE FIGHTING MEASURES

This material is non-flammable, but cereal ingredients are combustible if pre-heated.

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. If contamination of sewers or waterways has occurred, advise the local regional council.

Environmental Considerations:

Consider possible hazards arising from irrigating spill sites.

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 (particularly dogs).

Incompatible Materials:

None identified.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

Not Applicable (not assigned) TELs & EELs- Limits have not been set.

Engineering Measures:

No Data Available

Personal Protection Equipment:

Avoid skin and eye contact. Wear overalls and gloves when handling or laying bait. Always wash hands before smoking, eating, drinking, or using toilet. When inhalation of dust is possible, wear an approved dust mask and eye protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour:

Cereal bait coloured green

Property:

Physical State:

Appearance:

Odour:

Odour Threshold:

pH:

Melting point/range:

Boiling point/range:

Flash Point:

Evaporation rate:

Flammability:

Upper/lower flammability or explosive limits:

Specification:

Solid

Cylindrical pellets

No data Available

Not relevant

Not determined

Not relevant

Not relevant

No Data Available

No Data Available

No Data Available

No Data Available

Vapour Pressure:	Not relevant
Vapour density:	Not relevant
Relative Density:	No Data Available
Water Solubility:	Brodifacoum is not water soluble.
Lipid Solubility:	No Data Available
Partition coefficient (N-octanol/water):	No Data Available
Auto-ignition Temperature:	No Data Available
Decomposition Temperature:	No Data Available
Viscosity:	No Data Available

10. STABILITY AND REACTIVITY

Stable unless exposed to light or heat. Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

The baits present a very low hazard to operators unless taken orally. Cholecalciferol, the active ingredient, is known to cause hypercalcaemia at high doses. This may lead to death in animals with poor calcium homeostasis. Calcium is mobilized by cholecalciferol and transported to the soft tissues of the vital organs where calcification causes organs such as the heart and kidneys to fail; leading to death.

Cholecalciferol (the active ingredient) is very toxic to many domesticated animals and pets. Cats and dogs may also be at risk from eating possums which have consumed bait. In most cases however, cholecalciferol will have been metabolized by the poisoned animals and the carcasses will present only a very low risk to cats and dogs which may subsequently eat the carcasses. Seek veterinary advice immediately if accidental poisoning of animals is suspected.

Toxicity Data for the Active Ingredient - Various Species *

Species (Oral) LD50	LD50- active
White Laboratory Rat	35mg/kg B/W
Dog	mg/kg B/W
Cat	mg/kg B/W
Duck	2000mg/kg B/W

Hazardous Decomposition Products:

Thermal decomposition may result in the release of toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide and water.

12. ECOLOGICAL INFORMATION

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

Ecotoxic. Avoid placing baits near waterways. Take steps to limit access to the bait by on-target animals – especially domestic pets.

Improper disposal of unwanted pesticide is unlawful. If wastes cannot be disposed of according to label instructions contact your local Regional Council hazardous waste advisor for guidance.

13. DISPOSAL CONSIDERATIONS

The active ingredient, cholecalciferol is degraded by UV light, heat and microbial action. 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. 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. Treating the baits through a sewage oxidation facility or other chemical treatment facility is also an acceptable means of disposing of unwanted bait material. Rinse out empty containers and send for re-cycling or bury. Do not use the empty container for any other purpose.

14. TRANSPORT INFORMATION

Not classified Dangerous Goods:

Toxicity falls below Packing Group III threshold.

Maximum transport quantity when for use as tools of trade:

No Limits.

15. REGULATORY INFORMATION

NA

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.

Revised by: ADC - January 2021