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## SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

<b>Product Name:</b>	<b>PESTOFF DECAL™ POSSUM BAIT</b>
<b>Synonym:</b>	Cholecalciferol / Vitamin D3 Baits
<b>Supplier:</b>	Animal Control Products Ltd.
<b>Street Address:</b>	408 Heads Road Wanganui 4501 New Zealand
<b>Telephone:</b>	64 (0) 6 344 5302
<b>Website:</b>	www.pestoff.co.nz
<b>Emergency Telephone Number:</b>	021 919 624
<b>National Poisons Centre:</b>	0800 764 766

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<b>Product Name:</b>	Pestoff DECAL™ Possum Bait
<b>Synonym:</b>	Cholecalciferol / Vitamin D3
<b>CAS:</b>	67-96-0
<b>Active Ingredient:</b>	(5Z, 7E)-9, 10-secocholesta-5, 7, 19(19)-trien-3β-ol.
<b>Molecular Formula of Active:</b>	C <sub>27</sub> H <sub>44</sub> O
<b>Molecular Weight of Active:</b>	384.6
<b>Recommended Use:</b>	Bait for the control of possums
<b>Percentage of Active w/w:</b>	0.8% Cholecalciferol
<b>Appearance:</b>	Green cereal pellet bait

## 3. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE: HARMFUL SUBSTANCE.

HSNO Approval code: HSR007891

<b>HAZARD CLASSES (HSNO):</b>	6.1E, 6.8B, 6.9B, 9.1D
<b>HAZARD IDENTIFIERS:</b>	<b>Priority Identifiers</b> – Harmful if swallowed. Keep out of reach of children. <b>Secondary Identifiers</b> - Harmful substance. Wash hands and exposed skin before meals and after any handling of the product. Repeated oral exposure may damage fertility or the unborn child and may cause organ damage. Toxic to terrestrial vertebrates. Take measures to prevent domestic animals, particularly pets from being exposed to the toxin through eating baits. May be harmful to aquatic organisms.
<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 occur for several hours or days after poisoning has occurred. Symptoms may include loss of appetite, thirst, possible trembling and lethargy.

## 4. FIRST AID MEASURES

- Ingestion:** Harmful if swallowed. **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 a burning sensation develops, get medical attention.
- 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 and lethargy.

## 5. FIRE FIGHTING MEASURES

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

## 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 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.

## 7. HANDLING AND STORAGE

Store in original containers at room temperature. Store away from foodstuffs. Store in original container, tightly secured, under lock and key. Keep away from children and domestic animals (particularly dogs).

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### National Occupational Exposure Limits:

TEs & EELs – Limits have not been set.

### 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. After handling the material, always wash hands before smoking, eating, drinking or using the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form/Colour/Odour:** Cereal bait coloured green.

**Solubility in Water (g/L):** Insoluble in water.

**Melting Point: (°C):** Not applicable

**Flashpoint (°C):** Not applicable.

**Density:** Not available.

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

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.

Oral LD<sub>50</sub> (rat) is 35mg/kg of active ingredient (cholecalciferol) or 4.3g of product per kg of body weight. Oral LD<sub>50</sub> (mallard duck) is >2000mg/kg or 250g of product per kg of body weight.

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.

## 12. ECOLOGICAL INFORMATION

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

## 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 as dangerous goods for transport purposes.

## 15. ADDITIONAL INFORMATION

Pestoff DECAL™ Possum Bait is registered pursuant to the ACVM Act 1997 No.V9500  
**HSNO Approval code: HSR007891**

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**  
**Date of Revision: 22 May 2018**