1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **RABBAIT® Pindone Oat Bait**

Recommended Use: **For the control of rabbits**
To be used in accordance with label instructions and the relevant state of territory government department legislation. Not to be used for the control of hares.

Supplier Details

Company:	Animal Control Technologies (Australia) Pty Ltd
Address:	46-50 Freight Drive Somerton Vic 3062, Australia
Telephone number:	03 9308 9688 (Monday to Friday, 8:00a.m. – 5:00p.m. EST)
Emergency telephone number:	Poisons Information Centre 13 11 26 (24 hours)

2. HAZARDS IDENTIFICATION

Hazard classification: Not classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition).

Supplemental Information The information under this heading is not mandatory under WHS Regulations. It is provided as information on other GHS hazard classes and categories and/or environmental hazards that are outside the scope of the WHS Regulations.

Poisons schedule number: **S6**

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Chemical Name:	**CAS Number:**	**Proportion (w/w):**
Pindone, sodium salt	83-26-1	0.5g/kg
Other ingredients not determined to be hazardous	N/A	up to 100%

4. FIRST AID MEASURES

First aid: If poisoning occurs, contact a doctor or Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766). Have this MSDS and or the label with you.

Ingestion: Hazardous from multiple doses, seek medical attention. Effects are cumulative and delayed in action.

Eye: Unlikely to cause intoxication, may cause irritation, flush with flowing water for 5min or until product is removed.

Skin: Remove contaminated clothing. Rinse and wash skin with soapy water.

Inhalation:	There is no inhalation risk with this product
First Aid Facilities:	Eyewash and normal washroom facilities.
Advice to doctor:	Vitamin K1 (phytomenadione) only, can be used as an antidote if patient shows signs of anticoagulant poisoning (bleeding, haemorrhage). Repeat as necessary based on monitoring of prothrombin times. It is important to ascertain the route of exposure and the quantity of bait exposed to. Prolonged (PT) times may not be evident until 48h after exposure but are usually prolonged at 24h. PT times generally reach a maximum at 36-72h after exposure. Symptoms include anaemia, shortness of breath during exertion, fatigue, excessive bleeding from minor cuts, nose bleeds and bleeding from the gums. Life threatening symptoms include complications from massive gastrointestinal bleeding and intracranial haemorrhage.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Not combustible, however, if material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).
Specific hazards arising from the substance or mixture:	Non- combustible material.
Special protective equipment and precautions for fire-fighters:	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and suitable protective clothing to prevent risk of exposure to products of decomposition.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures/ Environmental precautions:	Clear area of all unprotected personnel. If contamination of sewers or waterways has occurred advise local emergency services.
Personal precautions/ Protective equipment:	Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation.
Methods and materials for containment and cleaning up:	Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling:	Keep containers closed at all times - check regularly for spills. Transport and store upright. Avoid skin and eye contact. Keep out of reach of children. Do not eat, drink or smoke in contaminated areas. Wear suitable gloves when handling this product. Always remove contaminated clothing and wash hands before eating, drinking, smoking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.
Conditions for safe storage, including any incompatibilities:	Store in the closed, original container in a dry, cool, well ventilated area out of direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls:	Use in well ventilated areas. Keep containers closed when not in use.
National exposure standards:	0.1 mg/m3
Individual protection measures, such as Personal Protective Equipment (PPE):	The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors. Observe good standards of hygiene and cleanliness. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.
Respiratory Protection:	A respirator is not needed under normal and intended conditions of product use however if ventilation is not adequate then a respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.
Eye and Face protection:	Safety glasses/goggles with side shield protection should be worn as a general precaution. Consult AS/NZS 1336 and AS/NZS 1337 for further information.
Skin Protection:	PVC or nitrile rubber gloves should be worn as a general precaution. Always check with the glove manufacturer or your personal protective equipment supplier regarding the correct type of glove to use. Consult AS/NZS 2161 for further information. Trousers, long sleeved shirt and closed in shoes or safety footwear should be worn as a general precaution. Consult AS/NZS 2210 and AS/NZS 2919 for further information.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Oats coloured with a green dye.
pH:	Not available
Vapour pressure:	Not available
Vapour density:	Not available
Boiling point / range:	Not available
Solubility in water:	Oat bait is not soluble in water.
Freezing / melting point:	Not available

10. STABILITY AND REACTIVITY

Reactivity:	Non-reactive under normal conditions.
Chemical stability:	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid:	None known.
Incompatible materials:	None known.
Hazardous decomposition products:	Oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION

Acute:	Oral LD50 (rat) =280 mg/kg/bw Pindone causes a depression in the liver function to activate vitamin K. This in turn causes a decrease in blood clotting factors (II, VII, IX and X) causing an antiprothrombin effect (the inability for the blood to clot). Large single doses can cause acute poisoning. Pindone has a cumulative effect, causing anticoagulation poisoning with a long latent period between ingestion and symptoms. Anticoagulant effects may persist for days or weeks depending on the dose consumed. Patients with hepatic dysfunction, malnutrition or a bleeding diathesis are at greater risk.
Ingestion:	Poisonous if swallowed. Symptoms include bleeding from nose, gums, blood in stool, blood in urine, anaemia, bruising, fatigue and shortness of breath during exertion.
Eye:	Avoid contact with eyes. No specific data available.
Skin:	Avoid contact with skin. No specific data available.
Inhalation	May be irritating or dangerous if inhaled. Risk minimised due to product formulation.
Respiratory or skin sensitisation:	Not a skin sensitiser and not expected to be a respiratory sensitiser.
Germ cell mutagenicity:	Not considered to be a mutagenic hazard.
Carcinogenicity:	Not considered to be a carcinogenic.
Reproductive toxicity:	Not considered to be toxic to reproduction.
STOT-single exposure:	Not expected to cause toxicity to a specific target organ.
STOT-repeated exposure:	Not expected to cause toxicity to a specific target organ.
Aspiration hazard:	Not expected to be an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Avoid contaminating waterways. Under normal and intended conditions of use, the product does not present an ecotoxicity hazard however accidental spills and leaks directly into waterways may be toxic to aquatic organisms.
Persistence/degradability:	The product is biologically degradable.
Bioaccumulative potential:	The product will not accumulate in soil or water.
Mobility in Soil:	No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods:	Refer to Waste Management Authority. Dispose of contents/container in accordance with local/regional/national/international regulations. Normally suitable for incineration by an approved agent.

14. TRANSPORT INFORMATION

This product is not classified as a dangerous good according to the Australian Dangerous Goods Code 6th Edn. (1998).

UN number:	Not applicable	UN proper shipping name:	Not applicable
Dangerous Goods Class:	Not applicable	Subsidiary Risk:	Not applicable
Packing group:	Not applicable	Hazchem code:	Not applicable

15. REGULATORY INFORMATION

Poison Schedule (SUSMP): S6
APVMA: 50951
AICS: All the constituents of this material are either listed on the Australian Inventory of Chemical Substances (AICS) or have been assessed under the National Industrial Chemicals (Notification and Assessment) Act 1989 as amended.

16. OTHER INFORMATION

GENERAL INFORMATION: None
ISSUE NUMBER: 002
ISSUE DATE: 24 Feb 2016
In any event, the review and, if necessary, the re-issue of a MSDS shall be no longer than 5 years after the last date of issue.
Reason(s) for Issue: Second issue
LITERARY REFERENCE:
ADG Code - Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
AICS - Australian Inventory of Chemical Substances
APVMA – Agricultural Pesticides and Veterinary Medicines Australia
GHS - Globally Harmonised System of Classification and Labelling of Chemicals (3rd revised edition) 2009
IARC - International Agency for Research on Cancer
Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (December 2011)
SUSMP - Standard for the Uniform Scheduling of Medicines & Poisons
SWA - Safe Work Australia, formerly ASCC and NOHSC
TGA – Therapeutic Goods Australia
WHS – Workplace Health and Safety

The physical values and properties described in this MSDS are typical values based on scientific literature and material produced to date, and are believed to be reliable. Animal Control Technologies provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. The information is supplied upon the condition that the persons receiving information will make their own determination as to the suitability for their purposes prior to use of this product. Due care should be taken to ensure that the use of this product and its disposal is in compliance with all relevant Federal, State and Local Government regulations.

End of MSDS