

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: RABBAIT[®] Aqueous Pindone Concentrate

Recommended Use: For use in the preparation of baits for the control of rabbits

Restricted chemical product; only to be supplied to or used by an authorised person. Only to be used to treat grain or carrots for the preparation of baits for the control of rabbits, in accordance with the directions of the appropriate state or territory government department.

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 a hazardous substance according to the criteria of the National Occupational Health & Safety Commission (NOHSC).
Not classified as dangerous goods according to the Australian Dangerous Goods Code (6th Edition).

Risk phrase(s): Harmful: danger of serious damage to health by prolonged exposure if swallowed.

Safety phrase(s): Keep locked up and out of reach of children. Wear suitable gloves. In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

Poisons schedule number: S6

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Chemical Name:	CAS Number:	Proportion (w/w):
Pindone, sodium salt	83-26-1	25g/L
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. Have this MSDS or the label with you.

Swallowed: Hazardous, 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.

Inhaled: There is no inhalation risk with this product

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 (PT) 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

Fire & explosion hazards: The bait is not flammable and will not auto-ignite.
Suitable extinguishing media: Water spray, foam, carbon dioxide, dry chemical powder
Hazards from combustion: In case of fire do not inhale fumes. Wear mask and gloves.
Special protective equipment: Use individual respiratory equipment to protect from fumes.

6. ACCIDENTAL RELEASE MEASURES

Spills and Disposal: While wearing PVC gloves, mop-up excess liquid using absorbent sponge or towel. Prevent spillage from entering drains or watercourses. Dispose of sponges or towels in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling: To avoid risks for man and environment the instructions for use are to be followed. Wear elbow length PVC gloves when handling this product and wash hands and gloves thoroughly with soap and water after use.

Conditions for safe storage: 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

National exposure standards: No exposure standard allocated.
Biological limit values: No biological limit allocated.
Engineering controls: The product formulation dilutes the concentration of Pindone.
Personal protective equipment: When preparing and distributing the bait wear elbow-length PVC gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark green liquid.
Vapour pressure: Not applicable
Vapour density: Not applicable
Flashpoint: Not flammable
Flammability limits: Not flammable
Boiling point: 100°C
Solubility in water: 100%
Specific gravity: 1.06g/mL

10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal storage and handling conditions.
Incompatible materials:	None applicable
Hazardous decomposition products:	No specific data
Hazardous reactions:	No specific data

11. TOXICOLOGICAL INFORMATION

<i>Acute:</i>	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.
Swallowed:	Poisonous if swallowed. Symptoms include bleeding from nose, gums, blood in stool, blood in urine, bruising, fatigue and shortness of breath during exertion, anaemia.
Eye:	Avoid contact with eyes. No specific data available.
Skin:	Avoid contact with skin. No specific data available.
Inhaled:	May be harmful if inhaled.
<i>Chronic:</i>	Repeated minor exposure may cause anticoagulant effects see acute toxicological information above.

12. ECOLOGICAL INFORMATION

Do not contaminate streams, rivers or waterways with the chemical or used containers. Information on non-target animal distribution, conservation status, habitat preference, diet, tolerance to 1080, body weight and size of home range can be used to reduce poisoning risks posed by baiting programs. Time baiting programs when non-target species are least active or least susceptible.

Ecotoxicity:	Do not contaminate streams, rivers or waterways with the chemical or used containers
Persistence and degradability:	The product is biologically degradable and will not accumulate in soil or water.

13. DISPOSAL CONSIDERATIONS

Triple rinse and bury rinsate and empty containers in a local authority landfill. If no landfill is available, bury the containers below 0.5m in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers should not be burnt. Do NOT re-use containers for any other purpose.

14. TRANSPORT INFORMATION

This product is classified as dangerous goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (6th Edition).

UN number:	2810		
UN proper shipping name:	Pesticide, Liquid, Toxic, N.O.S. (2.5% Pindone)		
Dangerous Goods Class:	6.1	Subsidiary Risk:	None
Packing group:	II	Hazchem code:	2X

15. REGULATORY INFORMATION

Poisons schedule number: S6

16. OTHER INFORMATION

Date of Preparation of this MSDS: 1 June 2008

This Material Safety Data Sheet (MSDS) has been developed using the following references:
National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edn. [NOHSC:2011(2003)]
Australian Dangerous Goods Code 6th Edn. (1998)
Reigart, R. and Roberts, J. editors (1999) *Recognition and Management of Pesticide Poisoning 5th Edition*,
EPS Office of Pesticides Programs, Washington D.C.

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