

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** FOXOFF<sup>®</sup> Fox Bait & FOXOFF<sup>®</sup> Econobait

**Recommended Use:** For the control of foxes

### 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.)  
**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 NOHSC.  
Not classified as a dangerous good according to the criteria of the Australian Dangerous Goods Code.

**Risk phrase(s):** None

**Safety phrase(s):** None

**Poisons schedule number:** S7

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Ingredients

<b>Chemical Name:</b>	<b>Common Name:</b>	<b>CAS Number:</b>	<b>Proportion (w/w):</b>
Sodium fluoroacetate	1080	62-74-8	0.085g/kg (Econobait) 0.052g/kg (Fox Bait)
Other ingredients not determined to be hazardous		N/A	up to 100%

## 4. FIRST AID MEASURES

**First aid:** Speed in treatment is essential. If poisoning occurs, contact a doctor or Poisons Information Centre. Have this MSDS or the label with you.

**Swallowed:** Seek immediate medical assistance.

**Eye:** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

**Skin:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. Remove from contaminated area.  
Apply artificial respiration if not breathing.

**Inhaled:** There is no inhalation risk with the product.

**Advice to doctor:** The bait contains approximately 0.01% sodium fluoroacetate (3mg per bait). Sodium fluoroacetate is also known as 'Compound 1080'. It is important to ascertain the route of exposure and the quantity of baits exposed to. Sodium fluoroacetate acts after metabolic conversion to fluorocitrate by blocking enzymes in the tricarboxylic acid cycle inhibiting metabolic energy production. Organs with high energy requirements such as the heart, diaphragm and brain are most affected. Accumulation of citrate and disturbances in calcium ion levels can lead to symptoms.

## 5. FIRE FIGHTING MEASURES

Fire & explosion hazards: The bait is not flammable and will not auto-ignite.  
Suitable extinguishing media: Water, foam, powder  
Hazards from combustion: None applicable  
Special protective equipment: Respirator, filter A/P

## 6. ACCIDENTAL RELEASE MEASURES

Spills and Disposal: While wearing elbow-length PVC gloves, sweep-up spilt bait(s) using a broom and shovel and place in sealed containers. Bury contaminated waste and excess product below 500 mm.

## 7. HANDLING AND STORAGE

Precautions for safe handling: To avoid risks for man and environment the instructions for use are to be followed. Avoid all unnecessary contact with the product.  
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 sodium fluoroacetate.  
Personal protective equipment: When opening the container and using baits wear elbow-length PVC gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Econobait – 2.5 x 2.5 x 3cm. Individual baits weigh 35g.  
Fox Bait – 3 x 4 x 3cm. Individual baits weigh 60g.  
Odour: Meaty  
pH: Not available  
Vapour pressure: Not applicable  
Vapour density: Not applicable  
Boiling point / range: Not applicable  
Freezing / melting point: Not available  
Solubility in water: The bait will gradually bio-degrade when exposed to soil moisture due to the action of bacteria and moulds commonly found in soils which degrade both the bait matrix and the poison to harmless metabolites.

## 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

Acute toxicity: Based on the lowest known lethal dose for humans (0.71 mg/kg bw), an 80 kg person would have to consume approximately 20 baits in succession to receive a lethal dose. Lower doses may still cause toxic effects.

*Acute:*

Swallowed: Poisonous if swallowed.

Eye: Avoid contact with eyes.

Skin: Avoid contact with skin.

Inhaled: Not applicable to this formulation. There is no inhalation risk with the product.

*Chronic:* None known.

## 12. ECOLOGICAL INFORMATION

Do not contaminate streams, rivers or waterways with the chemical or used containers.

Ecotoxicity: Sodium fluoroacetate is toxic to fish but is rapidly diluted in water.

Persistence and degradability: The product is biologically degradable and will not accumulate in soil or water.

## 13. DISPOSAL CONSIDERATIONS

Break, crush or puncture and dispose of empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

## 14. TRANSPORT INFORMATION

This product is not classified as a dangerous good according to the Australian Dangerous Goods Code 6<sup>th</sup> 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

Poisons schedule number: **S7**

## 16. OTHER INFORMATION

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Date of Preparation of this MSDS: 1 September 2006

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 2<sup>nd</sup> Edn. [NOHSC:2011(2003)]  
Australian Dangerous Goods Code 6<sup>th</sup> Edn. (1998)

**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