

1 Identification

Product Name: BAINBRIDGE BAIT PELLETS RODENTICIDE

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use: Baits for rodent control.

Details of Manufacturer or Importer:

Bainbridge Pty Ltd
26 Avatonbell Drive,
Luscombe QLD 4207

Phone Number: +61 07 3348 8404

Emergency telephone number: +61 07 3348 8404

2 Hazard(s) Identification

Hazardous Nature:

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

The product is not classified, according to the Globally Harmonised System (GHS).

Signal Word None

Hazard Statements None

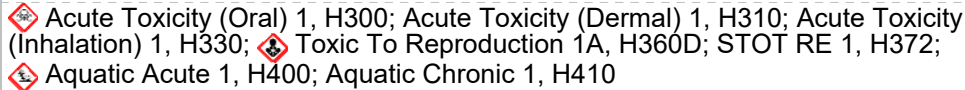
Precautionary Statements None

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

CAS: 56073-10-0	Brodifacoum (ISO)	0.005%
		

Additional information: This product also contains cereal products, sugars, binders and flavours.

4 First Aid Measures

Inhalation: If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, hold eyelids open and rinse with water. Seek medical attention if symptoms occur.

Ingestion:

If swallowed, do not induce vomiting. Rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms occur.

Information for Doctor:

Brodifacoum is an anti-coagulant. If large amounts have been taken it may be necessary to provide vitamin K1 therapy.

No symptoms may be apparent for several days after poisoning has occurred.

Safety Data Sheet

according to WHS Regulations

Printing date 06.11.2019

Revision: 06.11.2019

Product Name: BAINBRIDGE BAIT PELLETS RODENTICIDE

(Contd. of page 1)

Symptoms Caused by Exposure:

Inhalation: No adverse health effects expected.

Skin Contact: No adverse health effects expected.

Eye Contact: No adverse health effects expected.

Ingestion: Can be fatal in large quantities. May cause nausea, vomiting bleeding gums, increased tendency to bruising, blood in urine and faeces and excessive bleeding from minor cuts. Product is an anti-coagulant.

Severe poisoning may cause haemorrhagic shock, coma and death.

5 Fire Fighting Measures

Suitable Extinguishing Media: Use fire extinguishing methods suitable to surrounding conditions.**Specific Hazards Arising from the Chemical:**

No hazardous decomposition products known.

This product is not flammable, but may burn or decompose in a fire.

Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear suitable protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Pick up large pieces and clean up the small pieces and dusts with a vacuum or by sweeping. Do not use compressed air. Wash spill area with plenty of water.

7 Handling and Storage

Precautions for Safe Handling:

Do not place baits in areas where they may come in direct contact with food, livestock feed or surfaces used for food preparation. Prevent access by children and non-target animals. Bait stations must be used in accordance with the label.

Empty containers may retain product residue. Do not reuse empty containers.

Do not burn empty containers or unused product.

Search for and burn or bury dead rats or mice. Do not place in bins. Ensure uneaten baits are removed and disposed of properly.

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust. Do not touch baits.

Food, beverages and tobacco products should not be stored or consumed where this material is in use.

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Keep away from feed and foodstuffs. Protect from direct sunlight. Keep out of reach of children, pets and livestock.

(Contd. on page 3)

Safety Data Sheet

according to WHS Regulations

Printing date 06.11.2019

Revision: 06.11.2019

Product Name: BAINBRIDGE BAIT PELLETS RODENTICIDE

(Contd. of page 2)

8 Exposure Controls and Personal Protection

Exposure Standards:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls: Ensure adequate ventilation of the working area.

Respiratory Protection:

Respiratory protection is not required under normal use conditions.

In situations where high dust levels may occur, a Class P3 (particulate) respirator is recommended. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Chemical resistant rubber gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye and face protectors for protection against dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

Appearance:

Form:	Solid cylindrical pellets.
Colour:	Blue or green
Odour:	Cinnamon, fruit or chocolate.
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	No information available
Flammability:	No information available
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Relative Density:	No information available
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	0.38 g/l (pH = 7.4)
Solubility in Solvents:	Toluene: 0.72 g/L Acetone: 2.30 g/L Methanol: 0.27 g/L
Partition Coefficient (n-octanol/water):	No information available

(Contd. on page 4)

Safety Data Sheet

according to WHS Regulations

Printing date 06.11.2019

Revision: 06.11.2019

Product Name: BAINBRIDGE BAIT PELLETS RODENTICIDE

(Contd. of page 3)

10 Stability and Reactivity

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid: No further relevant information available.

Incompatible Materials: No further relevant information available.

Hazardous Decomposition Products: No hazardous decomposition products known.

11 Toxicological Information

Toxicity:

LD₅₀/LC₅₀ Values Relevant for Classification:

CAS: 56073-10-0 Brodifacoum (ISO)

Oral	LD ₅₀	3.56 mg/kg (dog)
		0.4 mg/kg (mouse)
		0.26 mg/kg (rat)

Acute Health Effects

Inhalation: No adverse health effects expected.

Skin: No adverse health effects expected.

Eye: No adverse health effects expected.

Ingestion:

Can be fatal in large quantities. May cause nausea, vomiting, bleeding gums, increased tendency to bruising, blood in urine and faeces and excessive bleeding from minor cuts. Product is an anti-coagulant. Severe poisoning may cause haemorrhagic shock, coma and death.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects: No information available

Existing Conditions Aggravated by Exposure: No information available

Additional toxicological information:

The Australian Tolerable Daily Intake (TDI) for brodifacoum for a human is 0.0000005 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOAEL of 0.001 mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species. (Ref: Australian Pesticides and Veterinary Medicines Authority, 'Acceptable Daily Intakes for Agricultural and Veterinary Chemicals', 2019).

(Contd. on page 5)

Safety Data Sheet

according to WHS Regulations

Printing date 06.11.2019

Revision: 06.11.2019

Product Name: BAINBRIDGE BAIT PELLETS RODENTICIDE

(Contd. of page 4)

12 Ecological Information

Ecotoxicity:**Aquatic toxicity:** No further relevant information available.**Persistence and Degradability:** No further relevant information available.**Bioaccumulative Potential:**

Bioaccumulation may occur. Brodifacoum may persist for many months in fatty tissue, liver and kidneys. Poisoned animals pose a secondary poisoning risk to carnivorous animals.

Mobility in Soil: No further relevant information available.**Other adverse effects:** No further relevant information available.

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated

15 Regulatory Information

Australian Inventory of Chemical Substances:

CAS: 56073-10-0 | Brodifacoum (ISO)

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:

Poisons Schedule: 6

16 Other Information

Date of Preparation or Last Revision: 06.11.2019**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC₅₀: Lethal concentration, 50 percentLD₅₀: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Acute Toxicity (Oral) 1: Acute toxicity – Category 1

Toxic To Reproduction 1A: Reproductive toxicity – Category 1A

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment, short-term (Acute). Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment, long-term (Chronic). Category 1

Data altered compared to the previous version: Section 8: Respiratory Protection.

(Contd. on page 6)

Safety Data Sheet

according to WHS Regulations

Printing date 06.11.2019

Revision: 06.11.2019

Product Name: BAINBRIDGE BAIT PELLETS RODENTICIDE

(Contd. of page 5)

Disclaimer

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