

SAFETY DATA SHEET

KIWICARE®

Product Name: *No Rats & Mice One Feed Bait Blocks*

Print/View Date: 4/10/2022

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1. PRODUCT AND COMPANY INFORMATION

Chemical/Product Name:	No Rats & Mice One Feed Bait Blocks
Recommended uses:	Ready to use rodenticide
Restrictions on Use/Supply:	Refer to the Additional Controls section.
Molecular Formula:	Mixture
Supplier:	Kiwicare Corporation Limited
Street Address:	225 Maces Road, Bromley, Christchurch, 8062 New Zealand
Postal Address:	P.O Box 15050, Aranui, Christchurch, 8643 New Zealand
Telephone	+64 3 389 0778
Email:	info@kiwicare.co.nz
Website:	www.kiwicare.co.nz

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2. HAZARDS IDENTIFICATION

GHS Hazard Classification	Transport of Dangerous Goods Pictogram	GHS Pictogram	Signal word	Hazard statement code	Precautionary statement codes			
					Prevention	Response	Storage	Disposal
STOT Rep. Exp. 2	Not applicable for the UN RTDG Model Regulations		Warning	H373	P103 P260	P314	No storage statements	P501

Signal word:

Not a Dangerous Goods

Dangerous Goods:

Not applicable: Packaging must comply with Part B, clause 8 – Hazardous Substances (Packaging) Notice 2017.

Packaging Group:

Specific Target Organ Toxicity – Repeated Exposure Cat. 2

Hazardous Substance (GHS) Codes:



Pictograms:

H373: May cause damage to the blood and hematopoietic systems through prolonged or repeated oral exposure.

Designed for biocidal action.

Hazard Statement:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P260: Do not breathe dust.

P314: Get medical advice/attention if you feel unwell.

P501: Rinse container and dispose to landfill or recycling where allowed. Any appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017. Do NOT burn.

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Precautionary Statements: Not a Dangerous Goods

3. COMPOSITION/INFORMATION ON INGREDIENTS

Appearance: Blue waxy cereal blocks

Ingredients

Ingredients	CAS #	Content %
Brodifacoum	56073-10-0	~0.005%
Non specified non-hazardous ingredients	NA (Mixture)	to 100 %

4. FIRST AID MEASURES

General information: In case of accident, or if you feel unwell, seek medical advice (show the label where possible).

Ingestion: Drink one or two glasses of milk or water. If you are feeling unwell seek medical advice. If medical advice is needed have product label at hand.

Eye Contact: Unlikely to cause eye irritation. Rinse opened eye for several minutes under running water. If irritation develops, seek medical advice, and have product label at hand.

Skin Contact: Unlikely to cause skin irritation. Rinse skin with copious amounts of water and wash with soap and water. If skin irritation develops seek medical advice.

Inhalation: Unlikely to present an inhalation hazard. If breathing problems develop, seek medical advice, and have product label at hand.

Advice for Medical Doctors: Treat symptomatically. Brodifacoum is an indirect anticoagulant. Vitamin K1 can be administered as an antidote.

5. FIRE FIGHTING MEASURES

HAZCHEM code: Not applicable

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Specific Hazards:	None.
Suitable Extinguishing Media:	Use extinguishing media appropriate to the surrounding conditions.
Fire Fighting Advice:	Product is not readily flammable. In case of fire use breathing apparatus.
Hazardous Products of Combustion:	No data for the substance.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent leakage or spillage if safe to do so.
Minor Spills (Up to 20 kg):	Low environmental hazard. Contain spill and collect.
Major Spills (more than 20 kg):	Minimise spread. Collect in an appropriate sealable container or plastic bag for disposal through an appropriate hazardous waste facility. The quantity of material disposed of must be recorded and a record kept.

7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid prolonged or repeated contact with skin and eye. Avoid inhaling dust. When handling product in bulk, safety footwear should be worn, and proper handling equipment should be used. Always use good personal hygiene procedures when handling this product. Wash hands and face before eating, drinking, or smoking. Clean equipment after use. Do not contaminate drains, sewers, or waterways.
Conditions for safe Storage including incompatibilities:	Keep out of the reach of children. Store in original container in a cool, dry, ventilated place, away from direct heat of sunlight. Store away from foodstuffs, children, and animals. Do not allow product to get wet in storage. Minimum shelf life: 2 years.
Protection against fire and explosion:	Keep away from heat sources. This product contains flammable waxes that may burn but do not catch fire readily. The product is not explosive. Keep away from oxidizing agents.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:	No exposure standards apply for this product.
Engineering Controls:	No special requirements when used as recommended.
Hand protection:	If repeated or prolonged contact wear chemical resistant gloves.
Eye protection:	If there is significant potential for contact, wear safety goggles.
Body protection:	Skin protection not ordinarily required beyond standard issue work clothes.
Respiratory Protection:	Use a respirator or disposable masks to avoid irritation from dust.
General safety and hygiene measures:	Handle in accordance with good hygiene and safety practice. Wearing of closed work clothing is recommended. Minimise contact with the skin, eyes, and clothing.
Environmental Exposure Controls:	Minimise release to the environment.

Additional NZ EPA controls:

Code	Section of HSNO Act	Control
Permissions	77A	No person may apply or otherwise use this substance on land administered or managed by the Department of Conservation unless the person first obtains a Permission under section 95A of the Act from the Authority.
Vertebrate toxic agent – formulation change	77A	Any changes to the composition or proposed use of this substance must be notified to the Authority in writing before the substance is used.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Blue waxy cereal blocks
Odour:	Vanilla and wax
Odour Threshold:	No data

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pH Value:	Not applicable
Melting/freezing point:	No data (Brodifacoum: 230°C)
Boiling point (range):	No data
Flash Point:	Will not flash
Flammability:	199-249°C (wax)
Explosive limits:	Not applicable
Vapour pressure:	No data (Brodifacoum: 1.1X 10-18 mm Hg at 25°C)
Vapour density:	No data
Relative density:	1.1-1.2 g/cm ³
Solubility:	No data
Partition coefficient:	No data (Brodifacoum : log Kow = 8.5)
Auto-ignition temperature:	Not applicable
Decomposition temperature:	No data
Viscosity:	No data

10. STABILITY AND REACTIVITY

Stability & Chemical reactivity:	Stable under normal conditions of use. Not explosive or oxidising.
Incompatibility or conditions to be avoid:	None
Corrosive Properties:	Not corrosive to metals.
Thermal Decomposition:	Hazardous products of combustion; see section 5 for details.

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11. TOXICOLOGICAL INFORMATION

Hazard Class:	STOT Rep. Exp. 2
Acute Toxicity:	Brodifacoum: Acute oral LD ₅₀ = 0.4 mg/kg (rat). Acute dermal LD ₅₀ = 0.3 mg/kg (rabbit). Acute inhalation LC ₅₀ = 0.004 mg/kg (rat).
Aspiration hazard	May cause irritation on inhalation of dust.
Skin corrosion/irritation:	Unlikely to cause skin corrosion/irritation.
Serious eye damage/irritation:	Unlikely to cause eye irritation.
Respiratory or skin sensitisation:	Unlikely to cause skin sensitisation and/or contact dermatitis
Germ cell mutagenicity:	No data available
Carcinogenicity:	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
Reproductive toxicity:	This product is not expected to cause reproductive or developmental effects.
Specific organ toxicity – single exposure:	No data available.
Specific organ toxicity – repeated exposure:	Blood and haemopoietic system
Narcotic effects:	No data available.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

12. ECOTOXICITY INFORMATION

Ecological information of substance:	This product is not an ecotoxic. Brodifacoum, Rainbow trout, LC ₅₀ (96 hr) = 0.051 mg/L
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Water flea, EC₅₀ (48 hr) = 0.98 mg/L

Bioaccumulation: The product does not have the potential to bioaccumulate

Soil Toxicity: No soil toxicity.

13. DISPOSAL CONSIDERATIONS

Waste treatment – recommendation: Any appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017.

Container Disposal: Empty containers can be recycled or sent to landfill after cleaning if in compliance with local and national regulations.

DO NOT reuse containers. Do NOT burn.

Methods of disposal to avoid Do not empty down stormwater system

14. TRANSPORT INFORMATION

Road, Rail; Marine and Air:

UN Number: Not applicable or consult list of UN numbers

Dangerous Goods Class: No restriction for transport. (ADR/RID; IMDG; IATA/ICAO) – may need to list separately

Hazchem Code: Not applicable

Packaging Group: Not applicable

Proper Shipping Name: Not applicable

Segregation: Not applicable

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15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR001594
GHS Classifications:	STOT Rep. Exp. 2
HSNO Controls:	Refer to HSR001594
ACVM Approval Code:	Registered pursuant to the ACVM Act 1997, No. V009616. See www.foodsafety.govt.nz for registration conditions.
Additional Controls:	This product must only be used as specified in the label content.

16. OTHER INFORMATION

SDS date of preparation: 03 / 10 / 2022

SDS date of revision: 03 / 10 / 2027

All Safety Data Sheets are subject to review and should not be left longer than five years before and update is obtained.

For further information visit the Kiwicare web site, www.kiwicare.co.nz, or contact the supplier of the starting material.

The information in this document should be made available to all who may handle the product. For proper and safe use of this product, please refer to the product label.

This information is based on data believed by Kiwicare Corporation Limited to be accurate at the time of writing. It is given in good faith, but no warranty expressed or implied is made as to its accuracy, completeness or otherwise. Every person dealing with the materials referred herein does so at their own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.

Attention is drawn to the application and safety instructions set out on the label. This sheet is not a substitute for safety, hazard or application instructions set out on the label. As Kiwicare Corporation Limited and their distributors have no control over storage or use of this product no liability for accident or damage will be accepted.

Abbreviations:

ADR: European agreement concerning the international carriage of Dangerous goods by Road

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CLP:	Classification Labelling and Packaging
EC:	European Commission
EU:	European Union
GHS:	Global Harmonized System
H Phrase:	Hazard Phrase
HSNO:	Hazardous Substances and New Organisms (1996) Act
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organisation
IMDG:	International Maritime Dangerous Goods
P Phrase:	Precautionary Phrase
RID:	Regulations concerning the International carriage of Dangerous good by rail
STEL:	Short-Term Exposure Limit
TLV:	Threshold Limit Value
TWA:	Time Weighted Average

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