



International

SAFETY DATA SHEET

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Brigand Blocks (ACVM Registration No: V9591)

Revision 1
Revision date 9-Oct-2013

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name	Brigand Blocks	New Zealand Contact Details
Company	PelGar International Ltd Unit 13 Newman Lane Industrial Estate Newman Lane Alton Hampshire GU34 2QR philip@pelgar.co.uk www.pelgar.co.uk	PelGar International Ltd PO Box 11825 Ellerslie Auckland 1542 gerwyn@pelgar.co.uk
Telephone	Tel + 44 (0) 1420 80744	Emergency telephone + 64 21 670 105
Fax	Fax + 44 (0) 1420 80733	
Emergency telephone number	Tel + 44 (0) 1420 80744	
Product code	PF016	

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Brodifacoum	0.005%	56073-10-0	259-980-5	T+; R27/28 T; R48/24/25 N; R50/53
Propane-1,2-diol	1 - 10%	57-55-6	200-338-0	
Starch	0 - 0.5%	9005-25-8		
Sugar (Sucrose)	1 - 10%	57-50-1		
2-Chloracetamide	0 - 0.1%	79-07-2	201-174-2	Repr Cat 3; R62 T; R25 R43
Grain	20 - 30%			
Flour	20 - 30%			

3. HAZARDS IDENTIFICATION

Main hazards

The preparation is non-dangerous in accordance with Directive 1999/45/EC. Contains chloracetamide, may produce an allergic reaction. Harmful to Wildlife. Wild mammals and birds may be at greater risk if the product is not used in accordance with its label.

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4. FIRST AID MEASURES

Skin contact	May cause skin irritation in susceptible persons. Remove contaminated clothing. Wash off immediately with plenty of soap and water. If irritation persists obtain medical attention. Contaminated clothing should be washed and dried before re-use.
Eye contact	May cause irritation to eyes. Seek medical attention if irritation or symptoms persist. Wash with water.
Inhalation	Unlikely to present an inhalation hazard as the product is supplied as a solid block. Move the exposed person to fresh air. Obtain medical advice immediately.
Ingestion	If swallowed, seek medical advice immediately and show this container or label.
General information	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). ADVICE FOR DOCTORS: Brodifacoum is an indirect anticoagulant. Phytomenadione, Vitamin K1, is antidotal. Determine prothrombin times not less than 18 hours after consumption. If elevated, administer Vitamin K1 until prothrombin time normalises. Continue determination of prothrombin time for two weeks after withdrawal of antidote and resume treatment if elevation occurs in that time.

5. FIRE FIGHTING MEASURES

Extinguishing media	Keep fire exposed containers cool by spraying with water if exposed to fire. Carbon dioxide (CO2) Alcohol resistant foam. Dry chemical. Use extinguishing media appropriate to the surrounding fire conditions.
Fire hazards	This product contains paraffin wax which is combustible and vapours from molten wax are flammable.
Protective equipment	In the event of fire, wear: Self-contained breathing apparatus, suitable gloves and boots.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear suitable protective clothing, gloves and eye/face protection. See section 8.
Environmental precautions	Prevent further leakage or spillage if safe to do so.
Clean up methods	Clean up promptly by sweeping. Transfer to a suitable labelled container. Subsequently, wash the contaminated area with water, taking care to prevent the washings entering sewers or drains.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes. Contains chloracetamide, may produce an allergic reaction. Avoid dust formation. Do not smoke eat or drink while handling this product. Always use good personal hygiene procedures when handling chemicals. Wash hands and face before eating, drinking or smoking. Read the label before use. Unlikely to produce dust as the product is a wax block
Storage	Keep in a cool, dry, well ventilated area. Keep out of the reach of children. Keep away from food and animal feedstuffs. Keep away from oxidising agents.
Specific Use	Ready for use rodenticide containing 50 ppm brodifacoum. For Indoor and Outdoor use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure limits**

Propylene glycol particulates (Propane-1,2-diol particulates)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: -
Propylene glycol (Propane-1,2-diol total vapour and particulates)	WEL 8-hr limit ppm: 150 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 474 WEL 15 min limit mg/m3: -
Starch respirable	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 4 WEL 15 min limit mg/m3: -
Starch Total Inhalable	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: -
Sugar (Sucrose)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: 20
Flour and Grain Dust	WEL 8-hr limit ppm: WEL 15 min limit ppm:	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: 30

Respiratory protection Unlikely to present an inhalation hazard. If levels approach the WEL then suitable approved respiratory protection should be worn.

Hand protection Impervious gloves.

Eye protection Tight fitting goggles if exposed to excessive dust.

Protective equipment Impervious clothing, boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Wax Block.
Colour	Blue.
Odour	Slight.

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to avoid	Heat, sparks and open flames.
Materials to avoid	Oxidising agents.
Hazardous decomposition products	Combustion or thermal decomposition will produce toxic and irritant fumes.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	ORL RAT LD50 approx 6g/Kg (calculated).
Corrosivity	No irritation expected.
Sensitization	Grain Dust and flour dust are respiratory sensitizers causing asthma. As the product is a wax block, it is unlikely to cause any problems. Contains chloracetamide, may produce an allergic reaction.
Mutagenic effects	No evidence to suggest anticoagulant rodenticides are mutagenic.
Carcinogenic effects	No evidence to suggest anticoagulant rodenticides are carcinogenic.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Harmful to aquatic organisms and terrestrial vertebrates. Read all precautions before use
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13. DISPOSAL CONSIDERATIONS

General information Dispose of in compliance with all local and national regulations.
Disposal of packaging Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

14. TRANSPORT INFORMATION

Not classified as dangerous for transport within New Zealand

15. REGULATORY INFORMATION

Registered Pursuant to the ACVM Act 1997 : V9591 see www.nzfsa.govt.nz/acvm for registration conditions
EPA Approval Number : HSR 001594 see www.epa.govt.nz for approval conditions
HSNO Classifications: 6.1E, 6.9B, 9.1D



16. OTHER INFORMATION

Text of risk phases in Section 2

R25 - Toxic if swallowed. R27/28 - Very toxic in contact with skin and if swallowed.
 R43 - May cause sensitisation by skin contact.
 R48/24/25 - Toxic: danger of serious damage to health by prolonged exposure in contact with skin and if swallowed.
 R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R62 - Possible risk of impaired fertility.

Data sources Raw material suppliers Safety Data Sheets, CHIP 2002, EH40

International