



SAFETY DATA SHEET

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Vertox Pellet Bait (HSE No.:8028)

Revision No. 3

Issue date: 22 February 2006

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product name	Vertox Pellet Bait
Company	PelGar International Ltd Unit 13, Newman Lane Industrial Estate, Newman Lane, Alton, Hampshire GU 34 2QR Tel +44 (0) 1420 80744 Fax +44 (0) 1420 80733
Product code	PGF003

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components	Propylene glycol 1-10% 57-55-6
	Flour 80-90%
	Kaolin 1-10% 1332-58-7
	Sugar 1-10% 57-50-1 Brodifacoum 0.005%; 56073-10-0, T+; R27/R28, T; R48/24/25, N; R50/53

3. HAZARDS IDENTIFICATION

Main hazards	The preparation is non-dangerous in accordance with Directive 1999/45/EC Unlikely to cause harmful effects under normal conditions of handling and use. 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 soap and plenty of water. If irritation persists obtain medical attention Contaminated clothing should be washed and dried before re-use
Eye contact	May cause eye irritation with susceptible persons. Rinse immediately with plenty of water and seek medical advice.
Inhalation	Unlikely to present an inhalation hazard unless excessive dust is present. Move to fresh air. Obtain medical advice immediately.
Ingestion	If swallowed, seek medical advice immediately and show this container or label.
General advice	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). ADVICE FOR DOCTORS: 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

Suitable extinguishing media	Keep fire exposed containers cool by spraying with water if exposed to fire. Carbon dioxide (CO2), alcohol-resistant foam , dry powder, water spray mist or foam.
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Extinguishing media which must not be used for safety reasons Do not use water jets

Special protective equipment for firefighters 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.

Methods for cleaning up Clean up promptly by sweeping or vacuum. 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. 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. Unlikely to produce much dust as the product is pelletised. Read the label before use.

Storage Keep in a cool, well-ventilated place. Keep out of reach of children. Keep away from food and animal feedstuffs Keep away from oxidising agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s)	Propylene glycol	Sugar (Sucrose)
	TWA(ppm):150 TWA(mg/m3):470	TWA(mg/m3):10 STEL(mg/m3):20
	Flour	
	TWA(mg/m3):10 as dust (MEL)	
	Kaolin	
	TWA(mg/m3):2 (respirable dust)	

Respiratory protection Unlikely to present an inhalation hazard unless excessive dust is present. If dust levels approach the MEL's or OES then suitable approved respiratory protection should be worn.

Hand protection Impervious gloves

Eye protection Tight fitting goggles if exposed to excessive dust.

Skin and body protection Impervious clothing, boots

9. PHYSICAL AND CHEMICAL PROPERTIES

Colour Red

Odour Slight

Bulk density 0.6 - 0.7

10. STABILITY AND REACTIVITY

Stability Stable at normal conditions

Conditions to avoid Heat, flames and sparks.

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 =5,400mg/Kg DERMAL RAT LD50>5,000mg/Kg.
Technical Brodifacoum 0.27mg/Kg Oral Rat LD50.

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Primary irritation	No skin irritation Mild eye irritation
Sensitization	Flour dust is a respiratory sensitiser causing asthma. As the product is a pellet it is unlikely to create sufficient dust to cause any problems.
mutagenic effects	No evidence to suggest anticoagulant rodenticides are mutagenic
carcinogenic effects	No evidence to suggest anticoagulant rodenticides are carcinogenic.

12. ECOLOGICAL INFORMATION

Ecotoxicity	As the product contains 50ppm brodifacoum, unlikely to be hazardous to aquatic life. Harmful to wildlife. Read All Precautions before use.
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13. DISPOSAL CONSIDERATIONS

General Information	Dispose of in accordance with local regulations
Contaminated packaging	Dispose of as unused product.

14. TRANSPORT INFORMATION

ADR/RID	Not classified as dangerous for transport.
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Proper shipping name

IMO

IATA-DGR

15. REGULATORY INFORMATION

Labelling	The preparation is non-dangerous in accordance with Directive 1999/45/EC. Covered by the Control of Pesticides Regulations (1986). It has been labelled in accordance with those regulations.
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16. OTHER INFORMATION

Text of R phrases mentioned in Section 2	R27/28 - Very toxic in contact with the skin and if swallowed. R48/24/25 -Toxic: danger of serious damage to health by prolonged exposure in contact with the skin and if swallowed. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Recommended restrictions	Ready for use rodenticide containing 50ppm Brodifacoum.
Sources of key data used to compile the datasheet	Raw material suppliers Safety Data Sheets. CHIP 2002 EH40
Replaces	Revision No.: 2 Changes to Section 3, 12