



## SAFETY DATA SHEET

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### Vertox Rolled Oat Bait (HSE No.:8029)

Revision No. 3

Issue date: 22 February 2006

#### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

<b>Product name</b>	Vertox Rolled Oat Bait
<b>Company</b>	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
<b>Product code</b>	PGF021

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Hazardous components</b>	Propylene glycol 1-10% 57-55-6  Sugar 1-10% 57-50-1  Brodifacoum 0.005% 56073-10-0 T+; R27/R28, T; R48/24/25, N; R50/53
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#### 3. HAZARDS IDENTIFICATION

<b>Main hazards</b>	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

<b>Skin contact</b>	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
<b>Eye contact</b>	May cause eye irritation with susceptible persons. Rinse immediately with plenty of water and seek medical advice.
<b>Inhalation</b>	Unlikely to present an inhalation hazard unless excessive dust is present. Move to fresh air. Obtain medical advice immediately.
<b>Ingestion</b>	If swallowed, seek medical advice immediately and show this container or label.
<b>General advice</b>	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). <b>ADVICE FOR DOCTORS:</b> 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

<b>Suitable extinguishing media</b>	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.
<b>Extinguishing media which must not be used for safety reasons</b>	Do not use water jets

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**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. 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  
TWA(ppm):150 TWA(mg/m3):470  
Sugar  
TWA(mg/m3):10 STEL(mg/m3):20

**Respiratory protection** Unlikely to present an inhalation hazard unless excessive dust is present. If dust evels 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** 0.5 –0.6

## 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.

**Primary irritation** No skin irritation Mild eye irritation

**mutagenic effects** No evidence to suggest anticoagulant rodenticides are mutagenic

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**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.

## 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.

**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.

## 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