



## SAFETY DATA SHEET

Page 1 of 3

### Brigand Difenacoum Whole Wheat Bait (HSE No.:7669)

Revision No. 1

Issue date: 24 February 2006

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

<b>Product name</b>	Brigand Difenacoum Whole Wheat 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>	530

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Hazardous components</b>	Propylene glycol 1-10% 57-55-6
	Wheat Grain 90-100%
	Difenacoum 0.005% 56073-07-5 T+;R28 T;R48/25 N;R50/53

#### 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). ADVICE FOR DOCTORS: Difenacoum is an indirect anticoagulant. Phytonadione, 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.
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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. Read the label before use. Unlikely to produce much dust as the product is a low dust whole wheat grain.

**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

<b>Exposure limit(s)</b>	Propylene glycol	Whole Wheat Grain Dust
	TWA (ppm): 150 TWA (mg/m3): 470	TWA (mg/m3): 10 as dust (MEL)
	Difenacoum	
	TWA(mg/m3): 0.002	

**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** Blue

**Odour** Slight, Aniseed

**Bulk density** 0.65 - 0.75

## 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

# Brigand Difenacoum Whole Wheat Bait

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## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	ORL RAT LD50 approx. 30 g/kg (calculated)
<b>Primary irritation</b>	No eye irritation No skin irritation
<b>Sensitization</b>	Grain dust is a respiratory sensitiser causing asthma. As the product is a low dust whole wheat grain, it is unlikely to create sufficient dust to cause any problems.
<b>mutagenic effects</b>	No evidence to suggest anticoagulant rodenticides are mutagenic
<b>carcinogenic effects</b>	No evidence to suggest anticoagulant rodenticides are carcinogenic.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	As the product only contains 50ppm difenacoum , unlikely to be hazardous to aquatic life. Harmful to wildlife. Read All Precautions before use.
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## 13. DISPOSAL CONSIDERATIONS

<b>General Information</b>	Dispose of in accordance with local regulations
<b>Contaminated packaging</b>	Dispose of as unused product.

## 14. TRANSPORT INFORMATION

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

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## 15. REGULATORY INFORMATION

<b>Labelling</b>	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

<b>Text of R phrases mentioned in Section 2</b>	R28 - Very toxic if swallowed R48/25 - Toxic: danger of serious damage to health by prolonged exposure if swallowed. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Recommended restrictions</b>	Ready for use rodenticide containing 50 ppm difenacoum
<b>Sources of key data used to compile the datasheet</b>	Raw material suppliers Safety Data Sheets. CHIP 2002 EH40