



## SAFETY DATA SHEET

Page 1 of 4

### Roban Excel (HSE No.:8497)

Revision No. 1

Issue date: 20 July 2007

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

<b>Product name</b>	Roban Excel
<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>	518

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Hazardous components</b>	Propylene glycol 1-10% 57-55-6
	Flour 10-20%
	Starch 1-10% 9005-25-8
	Grain 20-30%
	Sugar 1-10% 57-50-1
	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. Move to fresh air. Obtain medical advice immediately.

**Roban Excel**

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Issue date: 20 July 2007

**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:** Difenacoum 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**

**Suitable extinguishing media** Keep fire exposed containers cool by spraying with water if exposed to fire. carbon dioxide (CO<sub>2</sub>) alcohol-resistant foam dry powder water spray mist or foam.

**Extinguishing media which must not be used for safety reasons** Do not use water jets

**Specific hazards** This product contains paraffin wax which is combustible and vapours from molten wax are flammable.

**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 detergent and water.

**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 dust as the product is a wax block.

**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

**Specific use(s)** Ready for use rodenticide containing 50 ppm difenacoum.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure limit(s)**

Propylene glycol  
WEL(ppm):150 WEL (mg/m<sup>3</sup>):470; WEL (mg/m<sup>3</sup>): 10mg/m<sup>3</sup> Particulates.  
Flour  
WEL (mg/m<sup>3</sup>):10 as dust; STEL (mg/m<sup>3</sup>): 30  
Starch  
WEL (mg/m<sup>3</sup>):10 (total dust) 4 (respirable dust)  
Grain  
WEL (mg/m<sup>3</sup>):10 as dust  
Sugar (Sucrose)  
WEL (mg/m<sup>3</sup>):10 ; STEL (mg/m<sup>3</sup>): 20

**Respiratory protection** Unlikely to present an inhalation hazard.

**Hand protection** Impervious gloves

**Eye protection** Not normally required. Tight fitting goggles if exposed to excessive dust.

**Roban Excel**Revision No. 1  
Issue date: 20 July 2007**Skin and body protection** Impervious clothing, boots**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Description** Wax Block

**Colour** Blue

**Odour** Slight

**Flammability (solid, gas)** Combustible

**Relative density** Not available

**Melting point/range** ~60 for the wax

**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 approx. 30 g/kg (calculated)

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

**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.

**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 only contains 50ppm difenacoum, 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 by any route.

**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.

**Roban Excel**

Revision No. 1

Issue date: 20 July 2007

**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 as amended. EH40

**Replaces:**