



SAFETY DATA SHEET

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Roban Excel (HSE No.:8497)

Revision No. 1

Issue date: 20 July 2007

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product name	Roban Excel
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	518

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components	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

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. Move to fresh air. Obtain medical advice immediately.

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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 (CO₂) 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/m³):470; WEL (mg/m³): 10mg/m³ Particulates.
Flour
WEL (mg/m³):10 as dust; STEL (mg/m³): 30
Starch
WEL (mg/m³):10 (total dust) 4 (respirable dust)
Grain
WEL (mg/m³):10 as dust
Sugar (Sucrose)
WEL (mg/m³):10 ; STEL (mg/m³): 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.

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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.

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16. OTHER INFORMATION

Text of R phrases mentioned in Section 2	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.
Recommended restrictions	Ready for use rodenticide containing 50 ppm difenacoum
Sources of key data used to compile the datasheet	Raw material suppliers Safety Data Sheets. CHIP 2002 as amended. EH40

Replaces: