



SAFETY DATA SHEET

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Vertox Wax Block

Revision No. 2

Issue date: 22 February 2006

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product name	Vertox Wax Block
Company	PelGar International Ltd Unit 13, Newman Lane Industrial Estate, Newman Lane, Alton, Hampshire GU34 2QR Tel +44 (0) 1420 80744 Fax +44 (0) 1420 80733
Product code	PF016

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components	Propylene glycol 1-10% 57-55-6
	Flour 10-20%
	Sugar 1-10% 57-50-1
	Grain 20-30%
	Starch 1-10% 9005-25-8
	Brodifacoum 0.005% 56073-10-0 T+; R27/28 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: Brodifacoum is an indirect anticoagulant.

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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 ₂) 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 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 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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s)	Propylene glycol TWA(ppm):150 TWA(mg/m ³):470 Flour TWA(mg/m ³):10 as dust (MEL) Sugar TWA(mg/m ³):10 STEL(mg/m ³):20 Grain TWA(mg/m ³):10 as dust (MEL) Starch TWA(mg/m ³):10 (total) 4 (respirable)
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

Description	Wax Block
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Colour	Red
Odour	Slight

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 5g/Kg
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 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 50 ppm brodifacoum

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Sources of key data used to compile the datasheet

Raw material suppliers Safety Data Sheets.
CHIP 2002
EH40

Replaces

Revision No.: 1 Changes to Section 3, 12