

Product Safety Data Sheet

DIFENACOUM PW Block Bait + denatonium benzoate ANTICOAGULANT RODENTICIDE + HUMAN TASTE DETERRENT

1. Identification of the substance, its preparation, and the supplying company.

Product Name : DIFENACOUM PW Block Bait.
Product Code : DPWBB(DB)
Intended Use : Ready for use rodenticide containing 50 ppm difenacoum
Supplier : PelGar International Ltd., Peak Centre, Liphook. Hants GU30 7TN UK.
Telephone & Fax : Tel 44(0) 1428 722 250 Fax 44(0) 1428 722 811

2) Composition and information on the ingredients.

Composition : 0.005 % w/w difenacoum, mixed grain and food dye with denatonium benzoate as a water resistant paraffin block

Common Name	Classification	CAS No.	EEC Index No.	% w/w (w/v)
Difenacoum	T+, R28, R48/25	056073-07-5	259-978-4	0.005

3) Hazards Identification

Hazard Classification for supply and use - NO SIGNAL WORD REQUIRED

Health Hazards: Unlikely to cause harmful effects under normal conditions of handling and use

4) First Aid Measures

Symptoms of poisoning are typical of anticoagulants. In severe cases there may be bruising, haematomas of the joints and blood in the faeces or urine. An antidote, Vitamin K₁ (Phytomenadione BP), should be administered under the direction of a doctor who has access to a hospital laboratory. Doctors should refer to the Industry leaflet. "The Treatment of Anticoagulant Rodenticide Poisoning".

Ingestion : If swallowed, wash out mouth with water, then induce vomiting, if this has not already occurred. **Take victim to hospital immediately and obtain medical advice.** Refer to the Industry leaflet - "The Treatment of Anticoagulant Rodenticide Poisoning", 1988.

Skin Contact : Remove contaminated clothing. Wash exposed areas of skin immediately with water and as soon as possible with soap and water. Contaminated clothing should be washed and dried before re-issue.

Eye Contact : Hold eye(s) open and then irrigate eyes with copious amounts of warm water for at least 10 minutes. Obtain medical advice immediately

Inhalation : Unlikely to present an inhalation hazard unless excessive dust is present. Remove person to fresh air. Obtain medical advice immediately as a precaution

Further Medical treatment:

Vitamin K₁ (phytomenadione) is antidotal. Gastric lavage may be effective when performed within 4 hrs of ingestion. In the case of suspected poisoning, determine prothrombin times not less than 18 hrs after consumption. If elevated, administer vitamin K₁ and continue until prothrombin times normalise. Continue determination of prothrombin times for three days after withdrawal of antidote and resume treatment if elevation recurs during that time.

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5) Fire Fighting Measures.

Keep fire exposed container cool by spraying with water.

Self-contained breathing apparatus should be worn by fire fighting personnel. Avoid run-off into water courses and contain run-off with temporary earth barriers or with other chemical sorptives.

This product contains > 40% paraffin wax with a M.Pt of c. 58-60°C. Paraffin wax is combustible and vapours from molten wax are flammable.

Extinguishing Media : Do not use water-jets to extinguish fires or disperse spilt product, use carbon dioxide, dry powder or alcohol foam, or a heavy, coarse, low-pressure water spray.

6) Accidental release measures.

Sweep up and shovel into waste drums or plastic bags. Protect against dust. Wash the contaminated area with water, taking care to prevent the washings from entering surface water drains.

Spillages or uncontrolled discharges into water courses must be notified to the appropriate Regulatory Authority or to the National River Authority.

7) Handling and Storage

Handling : Product must be handled in a safe manner. Read the label before use and avoid contact with skin or eyes. Do not smoke drink or eat whilst using the product. Wash hands and face before eating, drinking or smoking.

Storage : Store in original container under cool and dry conditions in a secure (lockable), well ventilated place, inaccessible to children and away from foodstuffs, and animal feedstuffs.

Physically and chemically stable for at least two years when stored un-opened at ambient temperatures in the original sales packs.

8) Exposure controls and personal protection

When using this product refer to the label for details.

Wear suitable respiratory protective equipment if exposure to levels above the occupational limit is likely

Wear suitable protective clothing, gloves and eye/face protection.

Occupational Exposure Limit

	Long-term Exposure Limit (8 hr TWA reference period)		Short-term exposure Limit (15 minute reference period)	
	ppm	mg m ⁻³	ppm	mg m ⁻³
Difenacoum		0.002		

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9) Physical and Chemical properties

Form	:	Wax Blocks
Colour	:	Blue
Odour	:	Not available
pH	:	Not available
B.Pt (Deg. C)	:	Not available
M. Pt. (Deg. C)	:	Not available
Flash Point (Deg. C)	:	Not available
Auto Ignition Temp (Deg. C)	:	Not available
Explosive Properties	:	Not applicable
Flammability	:	Flammable when molten
Oxidising Properties	:	Not applicable
Vapour Pressure (mm Hg)	:	Not available
Solubility (Water)	:	Insoluble
Partition coefficient	:	Not available
Specific Gravity	:	Not available

10) Stability and Reactivity

Hazardous Decomposition Products	:	Combustion or thermal decomposition will evolve toxic and irritant vapours.
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11) Toxicological Information

This health hazard assessment is based on information available on similar formulations.

Ingestion	:	Oral Median Lethal Dose (calculated) approx. 30 g/kg (rat)
Skin Contact	:	Unlikely to cause skin irritation man.
Eye Contact	:	Unlikely to cause eye irritation in man
Inhalation	:	Unlikely to cause harmful effects under normal conditions of handling and use

12) Ecological Information

Toxicity	:	When used as directed, unlikely to be hazardous to aquatic life
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13) Disposal Considerations

Product : Do not contaminate ponds, waterways or ditches with product or empty packs.
Pack : Dispose of product and empty packs according to Local Authority and National requirements. For further guidance read the “Code of Practice for the Safe Use of Pesticides on Farms and Holdings” available from HMSO

14) Transport Information

Not Classified as Dangerous for Conveyance

15) Regulatory Information

Not Classified as Dangerous for Supply.

This substance is covered by the Control of Pesticides Regulations (1986). It has therefore been labelled in accordance with these regulations.

User's should ensure that they comply with any relevant local, state or national legislation

EEC Classification : Under the Classification, Packaging and Labelling of Dangerous Substances Regulations (1984), this material is not dangerous for supply or conveyance.

Safety Phrases : S1/2 Keep locked up. Keep out of reach of children.
S13 Keep away from food, drink and animal feedstuffs.
S20/21 When using do not eat or drink or smoke.
S35 This material and its container must be disposed of in a safe way.
S46 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S49 Keep only in the original container. Do not re-use container, keep tightly closed in a safe place

16) If you require any further information please contact PelGar International Ltd.