



**International**

RODENTICIDES

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**PELGAR INTERNATIONAL**

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CONCENTRATES

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International

PelGar supplies a range of manufacturing concentrates containing 0.25% or 2.5% w/w active ingredient in a glycol base. The concentrates are mixed on a food base, typically cereal, to produce a ready-for-use bait containing 0.005% w/w active.

PelGar's standard range of manufacturing concentrates include a dyestuff and the bittering agent denatonium benzoate which helps to limit accidental ingestion of the bait by humans. Standard dye colours are red and blue, but different dyes or concentrates containing no dye are available on request.



Denatonium benzoate is routinely included in the concentrates at a rate of 20% of the active ingredient content such that the final bait, formulated to contain 50ppm of active ingredient will contain 10ppm of denatonium benzoate, the normal recommended concentration to limit accidental ingestion of the bait by humans. Concentrates containing different levels of denatonium benzoate are available on request.

#### Activity level

##### Difenacoum

Difenacoum is a multi-feed second generation anticoagulant effective against rats and mice.

When compared to other anticoagulant rodenticides, difenacoum has a good level of activity against the brown rat, and excellent levels of activity against the house mouse. Due to the potency of difenacoum to rodents compared to other non-target species such as dogs, this active substance is particularly useful where domestic or farm animals are present in the area to be treated.

##### Bromadiolone

Bromadiolone is a multi-feed second generation anticoagulant effective against rats and mice.

When compared to other anticoagulant rodenticides, bromadiolone has a good level of activity against the brown rat, and moderate levels of activity against the house mouse. The 'farm yard' profile of bromadiolone is less positive than that of difenacoum.

##### Brodifacoum

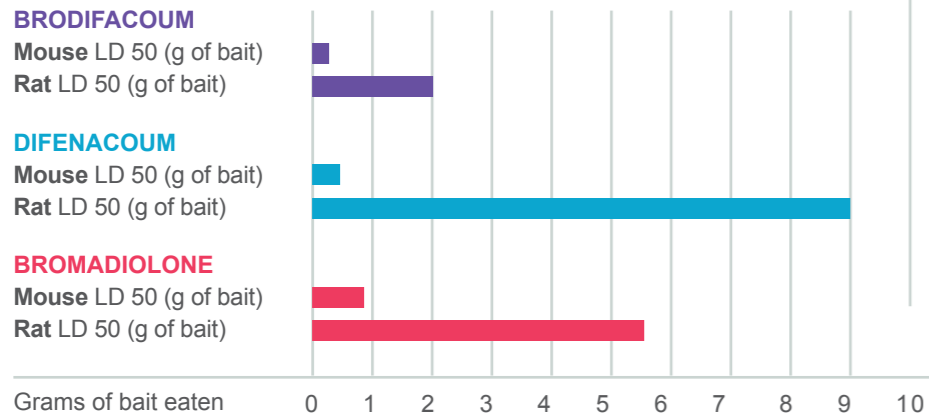
Brodifacoum is a single-feed second generation anticoagulant effective against rats and mice.

When compared to other anti-coagulant rodenticides, brodifacoum has an excellent level of activity against the brown rat and the house mouse. Brodifacoum is highly toxic to non-target vertebrates, and special care should be taken if brodifacoum baits are used outdoors.

As with all anticoagulants, accidental poisoning can be antidoted with vitamin K1.

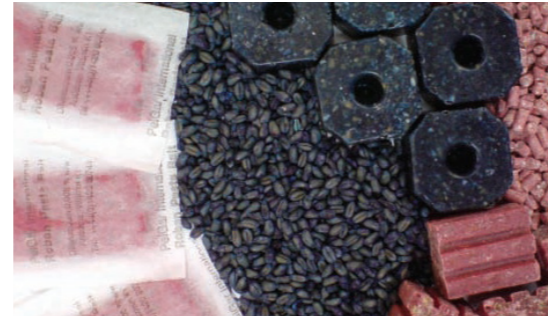
Second generation anti-coagulants can be presented in a variety of formulations. Grain based baits account for most of those sold in Europe. However, depending on requirements, wax blocks and pasta baits can be manufactured and are popular alternatives.

**Efficacy of Common Rodenticides against Rats and Mice**



Anticoagulant	LD50 mg/kg Mouse/Rat	A.I. Concentration Normal Bait (PPM)	LD50 (g of bait) Mouse	LD50 (g of bait) Rat
Brodifacoum	0.27 / 0.40	50	0.2	2
Difenacoum	0.80 / 1.80	50	0.4	9
Bromadiolone	1.75 / 1.125	50	0.9	5.6

Toxicity data is taken from the Pesticide Manual. Other industry sources may show slightly different values.



**Transportation Information**

**0.25% w/w manufacturing concentrate**

This is a rodenticide concentrate based on the second generation anticoagulants difenacoum, bromadiolone or brodifacoum used for the preparation of rodenticide baits. The product contains 2.5g/kg active ingredient and (typically) 0.5g/kg of the bittering agent denatonium benzoate.

The concentrate contains either a red or blue dye at a level that, when diluted, will satisfactorily colour the finished baits. Other dye colours are available at special minimum order products. 1kg of the 0.25% w/w concentrate should be mixed with 49kg of a suitable bait base, such as wheat.

**Packaging:**

25kg UN approved drum  
200kg UN approved drum

**Transport information:**

UN 3026 PG II  
Class 6.1  
Hazard ID 60  
COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, ENVIRONMENTALLY HAZARDOUS

**DIFENACOUM**



**BROMADIOLONE**



**BRODIFACOUM**



**2.50% w/w manufacturing concentrate**

This is a rodenticide concentrate based on the second generation anticoagulants difenacoum, bromadiolone or brodifacoum used for the preparation of rodenticide baits. The product contains 25g/kg active ingredient and (typically) 5g/kg of the bittering agent denatonium benzoate.

The concentrate contains either a red or blue marker dye only. This marker dye WILL NOT satisfactorily colour the finished baits and additional compatible dyestuff must be added as desired. 1kg of the 2.50% w/w concentrate should be mixed with 499kg of a suitable bait base, such as wheat. It is normal to prepare a 0.25% 'pre-mix' by dilution of this concentrate with (mono-) propylene glycols. This will allow complete coverage of the chosen bait material during the mixing process.

**Packaging:**

25kg UN approved drum  
200kg UN approved drum

**Transport information:**

UN 3026 PG II  
Class 6.1  
Hazard ID 60  
COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, ENVIRONMENTALLY HAZARDOUS

**DIFENACOUM**



**BROMADIOLONE**



**BRODIFACOUM**



The contents and information contained in this marketing brochure should not be relied upon as being complete or accurate. Actual transport information will differ depending on regional regulatory requirements. If there are any discrepancies customers should follow the information provided on the approved product MSDS.

PelGar International is committed to providing you with the right solution to your problem. Please contact us for more detailed product information and availability.

## Regional Availability and Support

Our product range and regulatory approvals are continually evolving. Availability varies by country, depending on local regulations and registration status. For detailed information on which products are registered and permitted for use in your region, we recommend contacting your local PelGar representative.

### PelGar International

#### Head Office

13 Newman Lane, Alton,  
Hampshire GU34 2QR  
Tel: **+44 (0) 1420 80744**  
Fax: **+44 (0) 1420 80733**  
Email: [sales@pelgar.co.uk](mailto:sales@pelgar.co.uk)

#### Gerwyn Jones

Asia Pacific Business Manager  
Email: [gerwyn@pelgar.co.uk](mailto:gerwyn@pelgar.co.uk)  
Tel: **+61 7 3112 1024**  
Mob: **+64 21 670 105**  
Skype: [gerwynrjones](https://www.skype.com/people/gerwynrjones)

#### Nicholas Blaszkowicz

UK & Ireland Business Manager  
Email: [nicholas@pelgar.co.uk](mailto:nicholas@pelgar.co.uk)  
Tel: **+44 (0) 7717 154552**

#### Vincent Russo

Europe Business Manager  
Email: [vincent@pelgar.co.uk](mailto:vincent@pelgar.co.uk)  
Tel: **+44 (0) 7879 692929**

#### Andrej Branc

Americas Business Manager  
Email: [andrej@pelgar.co.uk](mailto:andrej@pelgar.co.uk)  
Tel: **+1 610 849 1723**

#### Emmanuel Mahdavi

France, Middle East & Africa Business Manager  
Email: [emmanuel@pelgar.co.uk](mailto:emmanuel@pelgar.co.uk)  
France Tel: **+33 472 15 78 51**  
Togo Tel: **+228 91 74 43 76**  
Mob: **+33 631 75 12 79**  
Skype: [mahdaviemmanuel](https://www.skype.com/people/mahdaviemmanuel)



## International

PelGar International, 13 Newman Lane, Alton, Hampshire GU34 2QR  
Tel: **01420 80744** Email: [sales@pelgar.co.uk](mailto:sales@pelgar.co.uk)

[www.PelGar.co.uk](http://www.PelGar.co.uk)

► Rodent Control ► Insect Control ► Plant Protection ► Insect Repellents ► Decontamination Kits

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