

DIFENACOU M CONCENTRATES



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

The active substance is formulated on a food base, typically cereal, to produce a ready-for-use bait containing 0.005% w/w difenacou m.

PelGar supplies a range of concentrates containing 0.25% or 2.5% w/w difenacou m in a glycol base.

All standard PelGar baits include a dyestuff and the bittering agent denatonium benzoate. Standard dye colours are red or blue, but different dyes or a no colour option are available on request.

Denatonium benzoate is routinely included in the concentrates at a rate of 10ppm in the standard ready-for-use bait which contains 50ppm of the active substance. Concentrates containing different levels of denatonium benzoate are available on request.

Activity level

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

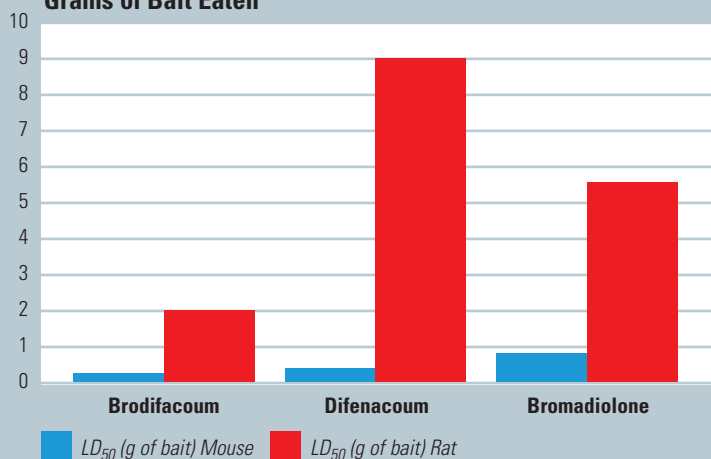
As with all anticoagulants, accidental poisoning with difenacou m can be antidoted with vitamin K1.

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, pellets, wax blocks and pasta baits can be manufactured and are popular alternatives.



Efficacy of Common Rodenticides against Rats and Mice

Grams of Bait Eaten



Anticoagulant	LD ₅₀ mg/kg Mouse / Rat	A.I. Concentration Normal Bait (ppm)	LD ₅₀ (g of bait) Mouse	LD ₅₀ (g of bait) Rat
Brodifacou m	0.27 / 0.40	50	0.2	2
Difenacou m	0.80 / 1.80	50	0.4	9
Bromadiolone	1.75 / 1.125	50	0.9	5.6

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

Difenacoum 0.25% w/w concentrate

This is a rodenticide concentrate, based on the second generation anticoagulant difenacoum, for the preparation of rodenticide baits.

The product contains 2.5g/kg difenacoum 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% 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:

Not restricted for transport

Difenacoum 2.50% w/w concentrate

This is a rodenticide concentrate, based on the second generation anticoagulant difenacoum, for the preparation of rodenticide baits.

The product contains 25g/kg difenacoum 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 2.5% 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 III
Class 6.1
Hazard ID 60
COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC
(contains difenacoum)



International

LEADING THE WAY IN GLOBAL PEST CONTROL

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