

BROMADIOLONE CONCENTRATES



Bromadiolone 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 bromadiolone.

PelGar supplies a range of concentrates containing 0.25% or 2.5% w/w bromadiolone 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

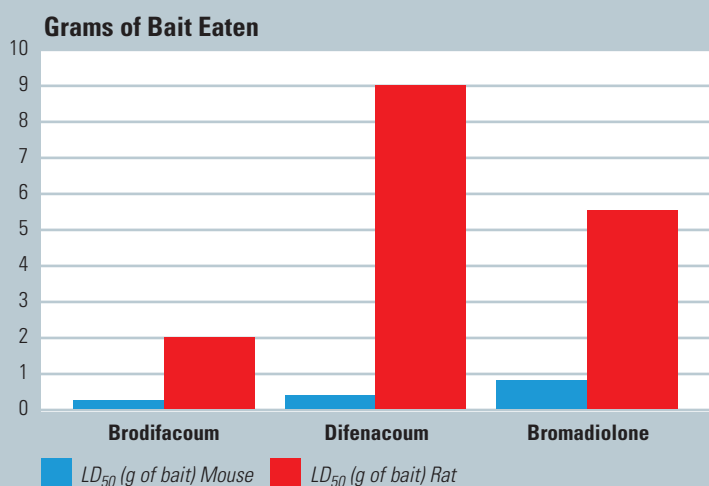
When compared to other anticoagulant rodenticides, bromadiolone has a good level of activity against the brown rat, and moderate levels of activity against the house mouse. The 'Farm yard' profile of bromadiolone is only slightly less positive than that of difenacoum.

As with all anticoagulants, accidental poisoning with bromadiolone 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



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

Bromadiolone 0.25% w/w concentrate

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

The product contains 2.5g/kg bromadiolone 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:

12 x 1kg UN approved bottle
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
(contains bromadiolone)

Bromadiolone 2.50% w/w concentrate

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

The product contains 25g/kg bromadiolone 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.

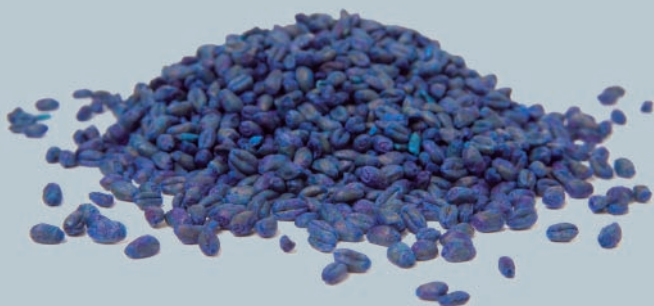
1kg of the 2.5% concentrate should be mixed with 499kg of a suitable bait base, such as wheat. It is normal to prepare a 0.25% 'pre-mix' by dilution of this concentrate with (mono-) propylene glycol. This will allow complete coverage of the chosen bait material during the mixing process.

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
(contains bromadiolone)



International

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