Summary of product characteristics for a biocidal product

Product name: RACAN DIFE GRAIN

Product type(s): PT14 - Rodenticides (Pest control)

Authorisation number: IE/BPA 70674

R4BP 3 asset reference number: IE-0020435-0000

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Administrative information

1.1. Trade names of the product

RACAN DIFE GRAIN		
RUBY GRAIN 25		

1.2. Authorisation holder

Name and address of the	Name	LODI S.A.S.
authorisation holder	Address	Parc d'Activités des Quatre Routes 35390 Grand Fougeray France
Authorisation number	IE/BPA 70674	
R4BP 3 asset reference number	IE-0020435-0000	
Date of the authorisation	22/01/2013	
Expiry date of the authorisation	01/07/2024	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Lodi SAS
Address of the manufacturer	PA des quatre routes 35390 Grand Fougeray France
Location of manufacturing sites	PA des quatre routes 35390 Grand Fougeray France

1.4. Manufacturer(s) of the active substance(s)

Active substance	26 - Difenacoum
Name of the manufacturer	PelGar International Limited
Address of the manufacturer	Unit 13, Newman Lane GU34 2QR Alton, Hants United Kingdom
Location of manufacturing sites	Prazska 54 280 02 Kolin Czech Republic

2. Product composition and formulation

2.1. Qualitative and quantitative information on the composition of the biocidal product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Difenacoum	3-(3-biphenyl-4-yl- 1,2,3,4- tetrahydro-1- naphthyl)-4- hydroxycoumarin	Active Substance	56073-07-5	259-978-4	0,0025

2.2. Type of formulation

RB - Bait (ready for use)

3. Hazard and precautionary statements

Hazard statements	May cause damage to organs blood through prolonged or repeated exposure .
Precautionary statements	Keep out of reach of children. Read carefully and follow all instructions.
	Keep away from clothing and other combustible materials. Do not breathe dust.
	Do not get in eyes, on skin, or on clothing. Do no eat, drink or smoke when using this product.
	Wear protective gloves.

IF SWALLOWED:Immediately call a doctor.

Get medical advice if you feel unwell.

Store in a closed container.

Store locked up.

Dispose of container to according to the national regulation.

4. Authorised use(s)

4.1 Use description

Use 1 - House mice and/or rats - Trained professionals - indoor

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Where relevant, an exact description of the authorised

Target organism(s) (including development stage)

PT14 - Rodenticides (Pest control)

Not relevant for rodenticides

Scientific name: Rattus norvegicus Common name: Brown rat Development stage: All

Scientific name: Mus musculus Common name: House mouse Development stage: All

Field(s) of use

Indoor

Outdoor

Indoors

Application method(s)

Method: Bait application Detailed description:

- Ready-to-use bait to be used in tamper-resistant bait stations
- Covered and protected baiting points

Application rate(s) and frequencies

Application Rate: Rats: 90 to 100 g bait per bait station. Mice: 20 to 30 g bait per bait station.

Dilution (%): 0

Number and timing of application:

For rats:

High infestation: 90 - 100 g of bait per bait point every 5 metres. Low infestation: 90 - 100 g of bait per bait point every 10 metres.

For mice:

High infestation: 20 - 30 g of bait per bait point every 3 metres. Low infestation: 20 - 30 g of bait per bait point every 5 metres.

Category(ies) of users

Trained professional

Pack sizes and packaging material

Minimum pack size of 3 kg.

25, 50 or 100 g of bait wrapped individually in PE/PP sachet or loose bait

Packaging material:

Bucket (PP,PE):

25g: 3 kg (120*25), 3.5 kg (140*25), 4 kg (160*25), 4.5 kg (180*25), 5 kg (200*25), 5.5 kg (220*25), 6 kg (240*25), 6.5 kg (260*25), 7 kg (280*25), 7.5 kg (300*25), 8 kg (320*25), 8.5 kg (340*25), 9 kg (360*25), 9.5 kg (380*25), 10 kg (400*25)

50g: 3 kg (60*50), 3.5 kg (70*50), 4 kg (80*50), 4.5 kg (90*50), 5 kg (100*50), 5.5 kg (110*50), 6 kg (120*50), 6.5 kg (130*50), 7 kg (140*25), 7.5 kg (150*50), 8 kg (160*50), 8.5 kg (170*50), 9 kg (180*50), 9.5 kg (190*50), 10 kg (200*50)

100g: 3 kg (30*100), 3.5 kg (35*100), 4 kg (40*100), 4.5 kg (45*100), 5 kg (50*100), 5.5 kg (55*100), 6 kg (60*100), 6.5 kg (65*100), 7 kg (70*100), 7.5 kg (75*100), 8 kg (80*100), 8.5 kg (85*100), 9 kg (90*100), 9.5 kg (95*100), 10 kg (100*100)

Loose bait: 3 kg, 3.5 kg, 4 kg, 4.5 kg, 5 kg, 5.5 kg, 6 kg, 6.5 kg, 7 kg, 7.5 kg, 8 kg, 8.5 kg, 9 kg, 9.5 kg and 10 kg

Cardboard box with inner liner in PE I paper craft bag with inner liner in PE (loose bait): 5 kg, 10 kg

Cardboard box with wrapped PE/PP sachets of 25, 50 or 100 g:

25g: 3 kg (120*25), 3.5 kg (140*25), 4 kg (160*25), 4.5 kg (180*25), 5 kg (200*25), 5.5 kg (220*25), 6 kg (240*25), 6.5 kg (260*25), 7 kg (280*25), 7.5 kg (300*25), 8 kg (320*25), 8.5 kg (340*25), 9 kg (360*25), 9.5 kg (380*25), 10 kg (400*25)

50g: 3 kg (60*50), 3.5 kg (70*50), 4 kg (80*50), 4.5 kg (90*50), 5 kg (100*50), 5.5 kg (110*50), 6 kg (120*50), 6.5 kg (130*50), 7 kg (140*25), 7.5 kg (150*50), 8 kg (160*50), 8.5 kg (170*50), 9 kg (180*50), 9.5 kg (190*50), 10 kg (200*50)

100g: 3 kg (30*100), 3.5 kg (35*100), 4 kg (40*100), 4.5 kg (45*100), 5 kg (50*100), 5.5 kg (55*100), 6 kg (60*100), 6.5 kg (65*100), 7 kg (70*100), 7.5 kg (75*100), 8 kg (80*100), 8.5 kg (85*100), 9 kg (90*100), 9.5 kg (95*100), 10 kg (100*100)

4.1.1 Use-specific instructions for use

- Remove the remaining product at the end of treatment period.

4.1.2 Use-specific risk mitigation measures

- Where possible, prior to the treatment inform any possible bystanders (e.g. users of the treated area and their surroundings) about the rodent control campaign.
- Consider preventive control measures (e.g. plug holes, remove potential food and drinking as far as possible) to improve product intake and reduce the likelihood of reinvasion.
- To reduce risk of secondary poisoning, search for and remove dead rodents during treatment at frequent intervals, in line with the recommendations provided by the relevant code of best practice.
- Do not use this product as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.
- Do not use this product in pulsed baiting treatments.

4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

- When placing bait points close to water	drainage systems, ensure that bait contact with water is avoided.
4.1.4 Where specific to the uspackaging	se, the instructions for safe disposal of the product and its
I	
4.1.5 Where specific to the us under normal conditions of s	se, the conditions of storage and shelf-life of the product storage
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4.2 Use description Use 2 - Mice and/or rats – Traind	ed professionals – outdoor around buildings
Product type	PT14 - Rodenticides (Pest control)
Where relevant, an exact description of the authorised use	Not relevant for rodenticides
Target organism(s) (including development stage)	Scientific name: Mus musculus Common name: House mouse Development stage: Adults & juveniles
	Scientific name: Rattus norvegicus Common name: House rat Development stage: Adults & juveniles
Field(s) of use	Outdoor
	Other
	Outdoor around buildings
Application method(s)	Method: Bait application Detailed description:
	- Ready-to-use bait to be used in tamper-resistant bait stations - Covered and protected baiting points

Application rate(s) and frequencies

Application Rate: Rats: 90 to 100 g bait per bait station. Mice: 20 to 30 g bait per bait station.

Dilution (%):

Number and timing of application:

For rats:

High infestation: 90 - 100 g of bait per bait point every 5 metres. Low infestation: 90 - 100 g of bait per bait point every 10 metres.

For mice:

High infestation: 20 - 30 g of bait per bait point every 3 metres. Low infestation: 20 - 30 g of bait per bait point every 5 metres.

Category(ies) of users

Trained professional

Pack sizes and packaging material

Minimum pack size of 3 kg.

25, 50 or 100 g of bait wrapped individually in PE/PP sachet or loose bait

Packaging material:

Bucket (PP,PE):

25g: 3 kg (120*25), 3.5 kg (140*25), 4 kg (160*25), 4.5 kg (180*25), 5 kg (200*25), 5.5 kg (220*25), 6 kg (240*25), 6.5 kg (260*25), 7 kg (280*25), 7.5 kg (300*25), 8 kg (320*25), 8.5 kg (340*25), 9 kg (360*25), 9.5 kg (380*25), 10 kg (400*25)

50g: 3 kg (60*50), 3.5 kg (70*50), 4 kg (80*50), 4.5 kg (90*50), 5 kg (100*50), 5.5 kg (110*50), 6 kg (120*50), 6.5 kg (130*50), 7 kg (140*25), 7.5 kg (150*50), 8 kg (160*50), 8.5 kg (170*50), 9 kg (180*50), 9.5 kg (190*50), 10 kg (200*50)

100g: 3 kg (30*100), 3.5 kg (35*100), 4 kg (40*100), 4.5 kg (45*100), 5 kg (50*100), 5.5 kg (55*100), 6 kg (60*100), 6.5 kg (65*100), 7 kg (70*100), 7.5 kg (75*100), 8 kg (80*100), 8.5 kg (85*100), 9 kg (90*100), 9.5 kg (95*100), 10 kg (100*100)

Loose bait: 3 kg, 3.5 kg, 4 kg, 4.5 kg, 5 kg, 5.5 kg, 6 kg, 6.5 kg, 7 kg, 7.5 kg, 8 kg, 8.5 kg, 9 kg, 9.5 kg and 10 kg

Cardboard box with inner liner in PE I paper craft bag with inner liner in PE (loose bait): 5 kg, 10 kg

Cardboard box with wrapped PE/PP sachets of 25, 50 or 100 g:

25g: 3 kg (120*25), 3.5 kg (140*25), 4 kg (160*25), 4.5 kg (180*25), 5 kg (200*25), 5.5 kg (220*25), 6 kg (240*25), 6.5 kg (260*25), 7 kg (280*25), 7.5 kg (300*25), 8 kg (320*25), 8.5 kg (340*25), 9 kg (360*25), 9.5 kg (380*25), 10 kg (400*25)

50g: 3 kg (60*50), 3.5 kg (70*50), 4 kg (80*50), 4.5 kg (90*50), 5 kg (100*50), 5.5 kg (110*50), 6 kg (120*50), 6.5 kg (130*50), 7 kg (140*25), 7.5 kg (150*50), 8 kg (160*50), 8.5 kg (170*50), 9 kg (180*50), 9.5 kg (190*50), 10 kg (200*50)

100g: 3 kg (30*100), 3.5 kg (35*100), 4 kg (40*100), 4.5 kg (45*100), 5 kg (50*100), 5.5 kg (55*100), 6 kg (60*100), 6.5 kg (65*100), 7 kg (70*100), 7.5 kg (75*100), 8 kg (80*100), 8.5 kg (85*100), 9 kg (90*100), 9.5 kg (95*100), 10 kg (100*100)

4.2.1 Use-specific instructions for use

- Protect bait from the atmospheric conditions. Place the baiting points in areas non-liable to flooding.
- Replace any bait in baiting points in which bait has been damaged by water or contaminated by dirt.
- For outdoor use, baiting points must be covered and placed in strategic sites to minimise the exposure to non-target species.

4.2.2 Use-specific risk mitigation measures

- Remove the remaining product at the end of treatment period.
- Where possible, prior to the treatment inform any possible bystanders (e.g. users of the treated area and their surroundings) about the rodent control campaign.
- Consider preventive control measures (plug holes, remove potential food and drinking as far as possible) to improve product intake and reduce the likelihood of reinvasion.
- To reduce risk of secondary poisoning, search for and remove dead rodents during treatment at frequent intervals, in line with the recommendations provided by the relevant code of best practice.
- Do not use this product as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.
- Do not use this product in pulsed baiting treatments.
- Do not apply this product directly in the burrows

4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

- When placing bait points close to water drainage systems, ensure that bait contact with water is avoided.

4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

- When placing bait points close to surface waters (e.g. rivers, ponds, water channels, dykes, irrigation ditches) or water drainage systems, ensure that bait contact with water is avoided.

4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

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4.3 Use description

Product type

Use 3 - Rats - Trained professionals - outdoor open areas & waste dumps

Where relevant, an exact

description of the authorised use

Target organism(s) (including development stage)

PT14 - Rodenticides (Pest control)

Not relevant for rodenticide

Scientific name: Rattus norvegicus Common name: House rat Development stage: Adults & Juveniles

Field(s) of use

Outdoor

Other

Outdoor open areas Outdoor waste dumps

Application method(s)

Method: Bait application

Detailed description:

- Ready-to-use bait to be used in tamper-resistant bait stations
- Covered and protected baiting points

Application rate(s) and frequencies

Application Rate: For rats: High infestation: 90 - 100 g per bait point every 5 metres. Low infestation: 90 - 100 g per bait point every 10 metres.

Dilution (%):

Number and timing of application:

For rats:

High infestation: 90 - 100 g per bait point every 5 metres. Low infestation: 90 - 100 g per bait point every 10 metres.

Category(ies) of users

Trained professional

Pack sizes and packaging material

Minimum pack size of 3 kg.

25, 50 or 100 g of bait wrapped individually in PE/PP sachet or loose bait

Packaging material:

Bucket (PP,PE):

25g: 3 kg (120*25), 3.5 kg (140*25), 4 kg (160*25), 4.5 kg (180*25), 5 kg (200*25), 5.5 kg (220*25), 6 kg (240*25), 6.5 kg (260*25), 7 kg (280*25), 7.5 kg (300*25), 8 kg (320*25), 8.5 kg (340*25), 9 kg (360*25), 9.5 kg (380*25), 10 kg (400*25)

50g: 3 kg (60*50), 3.5 kg (70*50), 4 kg (80*50), 4.5 kg (90*50), 5 kg (100*50), 5.5 kg (110*50), 6 kg (120*50), 6.5 kg (130*50), 7 kg (140*25), 7.5 kg (150*50), 8 kg (160*50), 8.5 kg (170*50), 9 kg (180*50), 9.5 kg (190*50), 10 kg (200*50)

100g: 3 kg (30*100), 3.5 kg (35*100), 4 kg (40*100), 4.5 kg (45*100), 5 kg (50*100), 5.5 kg (55*100), 6 kg (60*100), 6.5 kg (65*100), 7 kg (70*100), 7.5 kg (75*100), 8 kg (80*100), 8.5 kg (85*100), 9 kg (90*100), 9.5 kg (95*100), 10 kg (100*100)

Loose bait: $3 \, \text{kg}$, $3.5 \, \text{kg}$, $4 \, \text{kg}$, $4.5 \, \text{kg}$, $5 \, \text{kg}$, $5.5 \, \text{kg}$, $6 \, \text{kg}$, $6.5 \, \text{kg}$, $7 \, \text{kg}$, $7.5 \, \text{kg}$, $8 \, \text{kg}$, $8.5 \, \text{kg}$, $9 \, \text{kg}$, $9.5 \, \text{kg}$ and $10 \, \text{kg}$

Cardboard box with inner liner in PE / paper craft bag with inner liner in PE (loose bait): $5 \, kg$, $10 \, kg$

Cardboard box with wrapped PE/PP sachets of 25, 50 or 100 g:

25g: 3 kg (120*25), 3.5 kg (140*25), 4 kg (160*25), 4.5 kg (180*25), 5 kg (200*25), 5.5 kg (220*25), 6 kg (240*25), 6.5 kg (260*25), 7 kg (280*25), 7.5 kg (300*25), 8 kg (320*25), 8.5 kg (340*25), 9 kg (360*25), 9.5 kg (380*25), 10 kg (400*25)

50g: 3 kg (60*50), 3.5 kg (70*50), 4 kg (80*50), 4.5 kg (90*50), 5 kg (100*50), 5.5 kg (110*50), 6 kg (120*50), 6.5 kg (130*50), 7 kg (140*25), 7.5 kg (150*50), 8 kg (160*50), 8.5 kg (170*50), 9 kg (180*50), 9.5 kg (190*50), 10 kg (200*50)

100g: 3 kg (30*100), 3.5 kg (35*100), 4 kg (40*100), 4.5 kg (45*100), 5 kg (50*100), 5.5 kg (55*100), 6 kg (60*100), 6.5 kg (65*100), 7 kg (70*100), 7.5 kg (75*100), 8 kg (80*100), 8.5 kg (85*100), 9 kg (90*100), 9.5 kg (95*100), 10 kg (100*100)

4.3.1 Use-specific instructions for use

- Protect bait from the atmospheric conditions. Place the baiting points in areas non-liable to flooding.
- Replace any bait in baiting points in which bait has been damaged by water or contaminated by dirt.
- For outdoor use, baiting points must be covered and placed in strategic sites to minimise the exposure to non-target species.

4.3.2 Use-specific risk mitigation measures

- Remove the remaining product at the end of treatment period.
- Where possible, prior to the treatment inform any possible bystanders (e.g. users of the treated area and their surroundings) about the rodent control campaign.
- Consider preventive control measures (plug holes, remove potential food and drinking as far as possible) to improve product intake and reduce the likelihood of reinvasion.
- To reduce risk of secondary poisoning, search for and remove dead rodents during treatment at frequent intervals, in line with the recommendations provided by the relevant code of best practice.
- Do not use this product as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.
- Do not use this product in pulsed baiting treatments.
- Do not apply this product directly in the burrows.

4.3.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

- When placing bait points close to water drainage systems, ensure that bait contact with water is avoided.

4.3.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

- When placing bait points close to surface waters (e.g. rivers, ponds, water channels, dykes, irrigation ditches) or water drainage systems, ensure that bait contact with water is avoided.

4.3.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

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4.4 Use description

Product type

Use 4 - House mice and/or rats - professionals - indoor

Where relevant, an exact
description of the authorised
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Target organism(s) (including development stage)

PT14 - Rodenticides (Pest control)

Not relevant for rodenticides

Scientific name: Mus musculus Common name: House mouse Development stage: Adults & Juveniles

Scientific name: Rattus norvegicus

Common name: Brown rat Development stage: Adults & juveniles

Scientific name: Rattus rattus Common name: Roof rat Development stage: Adults & juveniles

Field(s) of use

Indoor

Indoor

Application method(s)

Method: Bait application

Detailed description:

Ready-to-use bait to be used in tamper-resistant bait stations

Application rate(s) and frequencies

Application Rate: Mice: 20-30g of bait per bait station. If more than one bait station is needed, the minimum distance between bait stations should be of 3 meters. Rats: 90-100g of bait per bait station. If more than one bait station is needed, the minimum distance between bait stations should be of 5 meters Dilution (%):

Number and timing of application:

Mice: 20-30g of bait per bait station. If more than one bait station is needed, the minimum distance between bait stations should be of 3 meters.

Rats: 90-100g of bait per bait station. If more than one bait station is needed, the

minimum distance between bait stations should be of 5 meters

Category(ies) of users

Professional

Pack sizes and packaging material

Minimum pack size of 3 kg.

25, 50 or 100 g of bait wrapped individually in PE/PP sachet or loose bait

Packaging material:

Bucket (PP,PE):

25g: 3 kg (120*25), 3.5 kg (140*25), 4 kg (160*25), 4.5 kg (180*25), 5 kg (200*25), 5.5 kg (220*25), 6 kg (240*25), 6.5 kg (260*25), 7 kg (280*25), 7.5 kg (300*25), 8 kg (320*25), 8.5 kg (340*25), 9 kg (360*25), 9.5 kg (380*25), 10 kg (400*25)

50g: 3 kg (60*50), 3.5 kg (70*50), 4 kg (80*50), 4.5 kg (90*50), 5 kg (100*50), 5.5 kg (110*50), 6 kg (120*50), 6.5 kg (130*50), 7 kg (140*25), 7.5 kg (150*50), 8 kg (160*50), 8.5 kg (170*50), 9 kg (180*50), 9.5 kg (190*50), 10 kg (200*50)

100g: 3 kg (30*100), 3.5 kg (35*100), 4 kg (40*100), 4.5 kg (45*100), 5 kg (50*100), 5.5 kg (55*100), 6 kg (60*100), 6.5 kg (65*100), 7 kg (70*100), 7.5 kg (75*100), 8 kg (80*100), 8.5 kg (85*100), 9 kg (90*100), 9.5 kg (95*100), 10 kg (100*100)

Loose bait: 3 kg, 3.5 kg, 4 kg, 4.5 kg, 5 kg, 5.5 kg, 6 kg, 6.5 kg, 7 kg, 7.5 kg, 8 kg, 8.5 kg, 9 kg, 9.5 kg and 10 kg

Cardboard box with inner liner in PE / paper craft bag with inner liner in PE (loose bait): 5 kg, 10 kg

Cardboard box with wrapped PE/PP sachets of 25, 50 or 100 g:

25g: 3 kg (120*25), 3.5 kg (140*25), 4 kg (160*25), 4.5 kg (180*25), 5 kg (200*25), 5.5 kg (220*25), 6 kg (240*25), 6.5 kg (260*25), 7 kg (280*25), 7.5 kg (300*25), 8 kg (320*25), 8.5 kg (340*25), 9 kg (360*25), 9.5 kg (380*25), 10 kg (400*25)

50g: 3 kg (60*50), 3.5 kg (70*50), 4 kg (80*50), 4.5 kg (90*50), 5 kg (100*50), 5.5 kg (110*50), 6 kg (120*50), 6.5 kg (130*50), 7 kg (140*25), 7.5 kg (150*50), 8 kg (160*50), 8.5 kg (170*50), 9 kg (180*50), 9.5 kg (190*50), 10 kg (200*50)

 $100g: 3 \ kg \ (30*100), \ 3.5 \ kg \ (35*100), \ 4 \ kg \ (40*100), \ 4.5 \ kg \ (45*100), \ 5 \ kg \ (50*100), \ 5.5 \ kg \ (55*100), \ 6 \ kg \ (60*100), \ 6.5 \ kg \ (65*100), \ 7 \ kg \ (70*100), \ 7.5 \ kg \ (75*100), \ 8 \ kg \ (80*100), \ 8.5 \ kg \ (85*100), \ 9 \ kg \ (90*100), \ 9.5 \ kg \ (95*100), \ 10 \ kg \ (100*100)$

4.4.1 Use-specific instructions for use

- The bait stations should be visited at least every 2 to 3 days (for mice) or 5 to 7 days (for rats) at the beginning of the treatment and at least weekly afterwards, in order to check whether the bait is accepted, the bait stations are intact and to remove rodent bodies. Re-fill bait when necessary.

- [When available] Follow any additional instructions provided by the relevant code of best practice

4.4.2 Use-specific risk mitigation measures
4.4.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment
When placing bait stations close to water drainage systems, ensure that bait contact with water is avoided.
4.4.4 Where specific to the use, the instructions for safe disposal of the product and its packaging
4.4.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage
4.5 Use description

Use 5 - House mice and/or rats - professionals - outdoor around buildings

PT14 - Rodenticides (Pest control) **Product type** Where relevant, an exact Not relevant for rodenticides description of the authorised use Scientific name: Mus musculus Common name: House mouse Development stage: Adults & Juveniles Target organism(s) (including development stage) Scientific name: Rattus norvegicus Common name: Brown rat Development stage: Adults & juveniles Scientific name: Rattus rattus Common name: Roof rat Development stage: Adults & juveniles Outdoor Field(s) of use Outdoor around building Method: Bait application Application method(s) Detailed description: Ready-to-use bait to be used in tamper-resistant bait stations Application Rate: Mice: 20-30g of bait per bait station. If more than one bait station is Application rate(s) and needed, the minimum distance between bait stations should be of 3 meters. Rats: 90frequencies 100g of bait per bait station. If more than one bait station is needed, the minimum distance between bait stations should be of 5 meters Dilution (%): Number and timing of application: Mice: 20-30g of bait per bait station. If more than one bait station is needed, the minimum distance between bait stations should be of 3 meters. Rats: 90-100g of bait per bait station. If more than one bait station is needed, the minimum distance between bait stations should be of 5 meters Professional Category(ies) of users Pack sizes and packaging material Minimum pack size of 3 kg. 25, 50 or 100 g of bait wrapped individually in PE/PP sachet or loose bait Packaging material:

Bucket (PP,PE):

25g: 3 kg (120*25), 3.5 kg (140*25), 4 kg (160*25), 4.5 kg (180*25), 5 kg (200*25), 5.5 kg (220*25), 6 kg (240*25), 6.5 kg (260*25), 7 kg (280*25), 7.5 kg (300*25), 8 kg (320*25), 8.5 kg (340*25), 9 kg (360*25), 9.5 kg (380*25), 10 kg (400*25)

50g: 3 kg (60*50), 3.5 kg (70*50), 4 kg (80*50), 4.5 kg (90*50), 5 kg (100*50), 5.5 kg (110*50), 6 kg (120*50), 6.5 kg (130*50), 7 kg (140*25), 7.5 kg (150*50), 8 kg (160*50), 8.5 kg (170*50), 9 kg (180*50), 9.5 kg (190*50), 10 kg (200*50)

 $100g: 3\ kg\ (30*100),\ 3.5\ kg\ (35*100),\ 4\ kg\ (40*100),\ 4.5\ kg\ (45*100),\ 5\ kg\ (50*100),\ 5.5\ kg\ (55*100),\ 6\ kg\ (60*100),\ 6.5\ kg\ (65*100),\ 7\ kg\ (70*100),\ 7.5\ kg\ (75*100),\ 8\ kg\ (80*100),\ 8.5\ kg\ (85*100),\ 9\ kg\ (90*100),\ 9.5\ kg\ (95*100),\ 10\ kg\ (100*100)$

Loose bait: $3 \, \text{kg}$, $3.5 \, \text{kg}$, $4 \, \text{kg}$, $4.5 \, \text{kg}$, $5 \, \text{kg}$, $5.5 \, \text{kg}$, $6 \, \text{kg}$, $6.5 \, \text{kg}$, $7 \, \text{kg}$, $7.5 \, \text{kg}$, $8 \, \text{kg}$, $8.5 \, \text{kg}$, $9 \, \text{kg}$, $9.5 \, \text{kg}$ and $10 \, \text{kg}$

Cardboard box with inner liner in PE / paper craft bag with inner liner in PE (loose bait) : 5 kg, 10 kg

Cardboard box with wrapped PE/PP sachets of 25, 50 or 100 g:

25g: 3 kg (120*25), 3.5 kg (140*25), 4 kg (160*25), 4.5 kg (180*25), 5 kg (200*25), 5.5 kg (220*25), 6 kg (240*25), 6.5 kg (260*25), 7 kg (280*25), 7.5 kg (300*25), 8 kg (320*25), 8.5 kg (340*25), 9 kg (360*25), 9.5 kg (380*25), 10 kg (400*25)

50g: 3 kg (60*50), 3.5 kg (70*50), 4 kg (80*50), 4.5 kg (90*50), 5 kg (100*50), 5.5 kg (110*50), 6 kg (120*50), 6.5 kg (130*50), 7 kg (140*25), 7.5 kg (150*50), 8 kg (160*50), 8.5 kg (170*50), 9 kg (180*50), 9.5 kg (190*50), 10 kg (200*50)

100g: 3 kg (30*100), 3.5 kg (35*100), 4 kg (40*100), 4.5 kg (45*100), 5 kg (50*100), 5.5 kg (55*100), 6 kg (60*100), 6.5 kg (65*100), 7 kg (70*100), 7.5 kg (75*100), 8 kg (80*100), 8.5 kg (85*100), 9 kg (90*100), 9.5 kg (95*100), 10 kg (100*100)

4.5.1 Use-specific instructions for use

- Protect bait from the atmospheric conditions (e.g. rain, snow, etc.). Place the bait stations in areas not liable to flooding.
- The bait stations should be visited [for mice at least every 2 to 3 days at] [for rats only 5 to 7 days after] the beginning of the treatment and at least weekly afterwards, in order to check whether the bait is accepted, the bait stations are intact and to remove rodent bodies. Re-fill bait when necessary.
- Replace any bait in a bait station in which bait has been damaged by water or contaminated by dirt.
- [When available] Follow any additional instructions provided by the relevant code of best practice.

4.5.2 Use-specific risk mitigation measures

- Do not apply this product directly in the burrows.

4.5.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

- When placing bait stations close to surface waters (e.g. rivers, ponds, water channels, dykes, irrigation ditches) or water drainage systems, ensure that bait contact with water is avoided.

4.5.4 Where specific to the use, the instructions for safe disposal of the product and its packaging		
4.5.5 Where specific to the usunder normal conditions of s	se, the conditions of storage and shelf-life of the product storage	
4.6 Use description		
Use 6 - House mice and Rats –	general public – indoor	
Product type	PT14 - Rodenticides (Pest control)	
Where relevant, an exact description of the authorised use	Not relevant for rodenticides	
Target organism(s) (including development stage)	Scientific name: Mus musculus Common name: House mouse Development stage: Adults & juveniles	
	Scientific name: Rattus norvegicus Common name: House rat Development stage: Adults & Juveniles	
Field(s) of use	Indoor	
Application method(s)	Method: Bait application Detailed description: Ready-to-use bait to be used in tamper-resistant bait stations	
Application rate(s) and frequencies	Application Rate: For rats: $90 - 100$ g of bait per bait station. If more than one bait station is needed, the minimum distance between bait stations should be $5 - 10$ m apart. For mice: $20 - 30$ g of bait per bait station. If more than 1 bait station is needed, the minimum distance between bait stations should be $2 - 5$ m apart. Dilution (%): Number and timing of application:	
	For rats: 90 - 100 g of bait per bait station. If more than one bait station is needed, the	

minimum distance between bait stations should be 5 - 10 m apart.

For mice: 20 - 30 g of bait per bait station. If more than 1 bait station is needed, the minimum distance between bait stations should be 2 - 5 m apart.

Category(ies) of users

General public (non-professional)

Pack sizes and packaging material

For mice

The bait is supplied in 10g or 25g sachet.

 $1\,x$ 25g, $2\,x$ 10g or $3\,x$ 10g sachets (PE or PP) in prefilled bait station (PVC, PP, or PS) - secondary packaging: carton sleeve

1 x 25 or 2 x 10g sachets (PE or PP) in prefilled bait station (PVC, PP, or PS) - in cardboard box: 2 prefilled bait stations of 1 x 25g (50g), 2 prefilled bait stations of 2 x 10g (40g)

10g or 25g sachets (PE or PP), in cardboard box: $2 \times 10g$ sachets (20g), $3 \times 10g$ sachets (30g), $4 \times 10g$ sachets (40g), $5 \times 10g$ sachets (50g) / $2 \times 25g$ (50g)

10g or 25g sachets (PE or PP) , in plastic can (PE or PP): $2 \times 10g$ sachets (20g), $3 \times 10g$ sachets (30g), $4 \times 10g$ sachets (40g), $5 \times 10g$ sachets (50g)/ $2 \times 25g$ (50g)

10g or 25g sachets (PE or PP) , in plastic pouch/sachet (PE or PP): $2 \times 10g$ sachets (20g), $3 \times 10g$ sachets (30g), $4 \times 10g$ sachets (40g), $5 \times 10g$ sachets (50g)/ $2 \times 25g$ (50g)

10g or 25g sachets (PE or PP) , in metal box: 2 x 10g sachets (20g), 3 x 10g sachets (30g), 4 x 10g sachets (40g), 5 x 10g sachets (50g) / 2 x 25g (50g)

For rats

The bait is supplied in 25g, 50g or 100g sachet.

Loose bait in 100g sachet (PE or PP) - up to 100g

	4 x 25g, 2 x 50g or 1 x 100g sachets (PE or PP) in prefilled bait station (PVC, PP, or PS) - secondary packaging: carton sleeve	
	25g or 50g sachets (PE or PP), in cardboard box: 4 x 25g sachets (100g), 5 x 25g sachets (125g), 6 x 25g sachets (150g) / 2 x 50g sachets (100g), 3 x 50g sachets (150g)	
	25g or 50g sachets (PE or PP), in plastic can: 4 x 25g sachets (100g), 5 x 25g sachets (125g), 6 x 25g sachets (150g) / 2 x 50g sachets (100g), 3 x 50g sachets (150g)	
	25g or 50g sachets (PE or PP), in plastic pouch/sachet: 4 x 25g sachets (100g), 5 x 25g sachets (125g), 6 x 25g sachets (150g) / 2 x 50g sachets (100g), 3 x 50g sachets (150g)	
	25g or 50g sachets (PE or PP), in metal box: 4 x 25g sachets (100g), 5 x 25g sachets (125g), 6 x 25g sachets (150g) / 2 x 50g sachets (100g), 3 x 50g sachets (150g)	
4.6.1 Use-specific instruction	ns for use	
	ast every 2 to 3 days at the beginning of the treatment and at least weekly afterwards, in ed, the bait stations are intact and to remove rodent bodies. Re-fill bait when necessary.	
Rats: - The bait stations should be visited only 5 to 7 days after the beginning of the treatment and at least weekly afterwards, in order to check whether the bait is accepted, the bait stations are intact and to remove rodent bodies. Re-fill bait when necessary.		
4.6.2 Use-specific risk mitigation measures		
1		
4.6.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment		
1		

conditions of storage and shelf-life of the product
conditions of storage and shelf-life of the product
around buildings
odenticides (Pest control)
ant for rodenticide
name: Rattus norvegicus name: House rat nent stage: Adults & juveniles
around buildings
Bait application description: use bait to be used in tamper-resistant bait stations
on Rate: For rats: 90 - 100 g of bait per bait station. If more than one bait needed, the minimum distance between bait stations should be 5 – 10 m %): and timing of application: 90 - 100 g of bait per bait station. If more than one bait station is needed, the distance between bait stations should be 5 – 10 m apart.
public (non-professional)
is supplied in 25g, 50g or 100g sachet. ait in 100g sachet (PE or PP) - up to 100g 2 x 50g or 1 x 100g sachets (PE or PP) in prefilled bait station (PVC, PP,

4.6.4 Where specific to the use, the instructions for safe disposal of the product and its

or PS) - secondary packaging: carton sleeve

25g or **50g** sachets (PE or PP), in cardboard box: $4 \times 25g$ sachets (100g), $5 \times 25g$ sachets (125g), $6 \times 25g$ sachets (150g) / $2 \times 50g$ sachets (100g), $3 \times 50g$ sachets (150g)

25g or 50g sachets (PE or PP), in plastic can: $4 \times 25g$ sachets (100g), $5 \times 25g$ sachets (125g), $6 \times 25g$ sachets (150g) $/ 2 \times 50g$ sachets (100g), $3 \times 50g$ sachets (150g)

25g or 50g sachets (PE or PP), in plastic pouch/sachet: $4 \times 25g$ sachets (100g), $5 \times 25g$ sachets (125g), $6 \times 25g$ sachets (150g) / $2 \times 50g$ sachets (100g), $3 \times 50g$ sachets (150g)

25g or 50g sachets (PE or PP), in metal box: $4 \times 25g$ sachets (100g), $5 \times 25g$ sachets (125g), $6 \times 25g$ sachets (150g) $/ 2 \times 50g$ sachets (100g), $3 \times 50g$ sachets (150g)

4.7.1 Use-specific instructions for use

- Place the bait stations in areas non-liable to flooding.
- Replace any bait in a bait station in which bait has been damaged by water or contaminated by dirt.
- The bait stations should be visited only 5 to 7 days after the beginning of the treatment and at least weekly afterwards, in order to check whether the bait is accepted, the bait stations are intact and to remove rodent bodies. Re-fill bait when necessary.

4.7.2 Use-specific risk mitigation measures
I .
4.7.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment
4.7.4 Where specific to the use, the instructions for safe disposal of the product and its packaging
/
4.7.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage
1

5. General directions for use 5.1. Instructions for use

Trained Professional users

- Read and follow the product information as well as any information accompanying the product or provided at the point of sale before using it.
- Carry out a pre-baiting survey of the infested area and an on-site assessment in order to identify the rodent species, their places of activity and determine the likely cause and the extent of the infestation.
- Remove food which is readily attainable for rodents (e.g. spilled grain or food waste). Apart from this, do not clean up the infested area just before the treatment, as this only disturbs the rodent population and makes bait acceptance more difficult to achieve.
- The product should only be used as part of an integrated pest management (IPM) system, including, amongst others, hygiene measures and, where possible, physical methods of control.
- The product should be placed in the immediate vicinity of places where rodent activity has been previously explored (e.g. travel paths, nesting sites, feedlots, holes, burrows etc.).
- Where possible, bait stations must be fixed to the ground or other structures.
- Bait stations must be clearly labelled to show they contain rodenticides and that they must not be moved or opened (see section 5.3 for the information to be shown on the label).
- Bait should be secured so that it cannot be dragged away from the bait station.
- Place the product out of the reach of children, birds, pets and farm animals and other non-target animals.
- Place the product away from food, drink and animal feeding stuffs, as well as from utensils or surfaces that have contact with these.
- Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information.
- When using the product do not eat, drink or smoke. Wash hands and directly exposed skin after using the product.
- The frequency of visits to the treated area should be at the discretion of the operator, in the light of the survey conducted at the outset of the treatment. That frequency should be consistent with the recommendations provided by the CRRU IRELAND Code of Best Practice (or equivalent).
- If bait uptake is low relative to the apparent size of the infestation, consider the replacement of bait points to further places and the possibility to change to another bait formulation.
- If after a treatment period of 35 days baits are continued to be consumed and no decline in rodent activity can be observed, the likely cause has to be determined. Where other elements have been excluded, it is likely that there are resistant rodent so consider the use of a non-anticoagulant rodenticide, where available, or a more potent anticoagulant rodenticide. Also consider the use of traps as an alternative control measure.
- Bait in sachets: For non-emptiable sachets Do not open the sachets containing the bait.

Professional

- Read and follow the product information as well as any information accompanying the product or provided at the point of sale before using it.
- Carry out a pre-baiting survey of the infested area and an on-site assessment in order to identify the rodent species, their places of activity and determine the likely cause and the extent of the infestation.
- Remove food which is readily attainable for rodents (e.g. spilled grain or food waste).
- Apart from this, do not clean up the infested area just before the treatment, as this only disturbs the rodent population and makes bait acceptance more difficult to achieve.
- The product should only be used as part of an integrated pest management (IPM) system, including, amongst others, hygiene measures and, where possible, physical methods of control.
- Consider preventive control measures (plug holes, remove potential food and drinking as far as possible) to improve product intake and reduce the likelihood of reinvasion.
- Bait stations should be placed in the immediate vicinity of places where rodent activity has been previously observed (e.g. travel paths, nesting sites, feedlots, holes, burrows etc.).
- Where possible, bait stations must be fixed to the ground or other structures

- Bait stations must be clearly labelled to show they contain rodenticides and that they must not be moved or opened (see section 5.3 for the information to be shown on the label).
- [If national policy or legislation require it] When the product is being used in public areas, the areas treated should be marked during the treatment period and a notice explaining the risk of primary or secondary poisoning by the anticoagulant as well as indicating the first measures to be taken in case of poisoning must be made available alongside the baits.
- Bait should be secured so that it cannot be dragged away from the bait station.
- Place the product out of the reach of children, birds, pets and farm animals and other non-target animals.
- Place the product away from food, drink and animal feeding stuffs, as well as from utensils or surfaces that have contact with these.
- Wear protective chemical resistant gloves during product handling phase (nitril EN374)
- When using the product do not eat, drink or smoke. Wash hands and directly exposed skin after using the product.
- If bait uptake is low relative to the apparent size of the infestation, consider the replacement of bait stations to further places and the possibility to change to another bait formulation.
- If after a treatment period of 35 days baits are continued to be consumed and no decline in rodent activity can be observed, the likely cause has to be determined.

Where other elements have been excluded, it is likely that there are resistant rodents so consider the use of a non-anticoagulant rodenticide, where available, or a more potent anticoagulant rodenticide.

Also consider the use of traps as an alternative control measure.

- Remove the remaining bait or the bait stations at the end of the treatment period.
- Bait in sachets: Do not open the sachets containing the bait.

General public

- Read and follow the product information as well as any information accompanying the product or provided at the point of sale before using it.
- Prior to the use of rodenticide products, non-chemical control methods (e.g. traps) should be considered.
- Remove food which is readily attainable for rodents (e.g. spilled grain or food waste). Apart from this, do not clean up the infested area just before the treatment, as this only disturbs the rodent population and makes bait acceptance more difficult to achieve.
- Bait stations should be placed in the immediate vicinity where rodent activity has been observed (e.g. travel paths, nesting sites, feedlots, holes, burrows etc.).
- Where possible, bait stations must be fixed to the ground or other structures.
- Do not open the sachets containing the bait.
- Place bait stations out of the reach of children, birds, pets, farm animals and other non-target animals.
- Place bait stations away from food, drink and animal feeding stuffs, as well as from utensils or surfaces that have contact with these.
- Do not place bait stations near water drainage systems where they can come into contact with water.
- When using the product do not eat, drink or smoke. Wash hands and directly exposed skin after using the product.
- Remove the remaining bait or the bait stations at the end of the treatment period.

5.2. Risk mitigation measures

Trained Professional users

- Where possible, prior to the treatment inform any possible bystanders about the rodent control campaign
- Do not use in areas where resistance to the active substance can be suspected.
- Products shall not be used beyond 35 days without an evaluation of the state of the infestation and of the efficacy of the treatment.
- Do not rotate the use of different anticoagulants with comparable or weaker potency for resistance management purposes. For rotational use, consider using a non-anticoagulant rodenticide, if available, or a more potent anticoagulant.
- Do not wash the bait stations or utensils used in covered and protected bait points with water between applications.
- Dispose dead rodents in accordance with local requirements

Poisoned rodents may be disposed of by the waste producer at an incinerator or landfill permitted to accept that type of waste, or collected by a registered waste carrier and taken for disposal at a suitably permitted site. For further information on disposal contact the Environment Agency (http://www.epa.ie)

To be used only by professional users registered with DAFM as a 'Trained Professional - Pest Management Professional' (PMU) and must present their PMU No at point of sale to purchase this product for use only as specified on the label.

Read the label before use. Using this product in a manner that is inconsistent with the label may be an offence. Refer to the CRRU IRELAND Code of Best Practice (or equivalent) for guidance

Professional

- Where possible, prior to the treatment inform any possible bystanders (e.g. users of the treated area and their surroundings) about the rodent control campaign [in accordance with the applicable code of good practice, if any].
- To reduce risk of secondary poisoning, search for and remove dead rodents at frequent intervals during treatment (e.g. at least twice a week). [Where relevant, specify if more frequent or daily inspection is required].
- Products shall not be used beyond 35 days without an evaluation of the state of the infestation and of the efficacy of the treatment.
- Do not use baits containing anticoagulant active substances as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.
- For professionals only.
- The product shall be used in adequate tamper resistant bait stations (e.g. "use in tamper resistant bait stations only"). users shall properly label bait stations with the information referred to in section 5.3 of the SPC (e.g. "label bait stations according to the product recommendations").
- Using this product should eliminate rodents within 35 days.

The product information (i.e. label and/or leaflet) shall clearly recommend that in case of suspected lack of efficacy by the end of the treatment (i.e. rodent activity is still observed), the user should seek advice from the product supplier or call a pest control service.

- Do not wash the bait stations with water between applications.
- Dispose dead rodents in accordance with local requirements

General public

- Consider preventive control measures (plug holes, remove potential food and drinking as far as possible) to improve product intake and reduce the likelihood of reinvasion.
- Do not use anticoagulant rodenticides as permanent baits (e.g. for prevention of rodent infestation or to detect rodent activity).
- Using this product should eliminate rodents within 35 days. The product information (i.e. label and/or leaflet) shall clearly recommend that in case of suspected lack of efficacy by the end of the treatment (i.e. rodent activity is still observed), the user should seek advice from the product supplier or call a pest control service.
- Search for and remove dead rodents during treatment, at least as often as baiting stations are inspected.
- Dispose dead rodents in accordance with local requirements.

Poisoned rodents should be double-bagged using plastic bags and either disposed of in a household waste bin with a secure lid to prevent access of wildlife or pets or collected by a specialist waste contractor or the local authority.

5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

- This product contains an anticoagulant substance. If ingested, symptoms, which may be delayed, may include nosebleed and bleeding gums. In severe cases, there may be bruising and blood present in the faeces or urine.
- Antidote: Vitamin K1 administered by medical/veterinary personnel only.
- In case of
- Dermal exposure, wash skin with water and then with water and soap.
- Eye exposure, rinse eyes with eyes-rinse liquid or water, keep eyes lids open at least 10 minutes.
- Oral exposure, rinse mouth carefully with water. Never give anything by mouth to unconscious person. Do not provoke vomiting. If swallowed, seek medical advice immediately and show the product's container or label.

Medical professionals should contact The National Poisons Information Centre, Beaumont Hospital, Dublin (01-809 2166) for further advice. Retain the label for reference.

Contact a veterinary surgeon in case of ingestion by a pet.

Bait stations must be labelled with the following information: "do not move or open"; "contains a rodenticide"; "product name or authorisation number"; "active substance(s)" and "in case of accident, call a poison centre".

- Hazardous to wildlife.

5.4. Instructions for safe disposal of the product and its packaging

Trained Professional users

- At the end of the treatment, dispose of uneaten bait and the packaging in accordance with local requirements. Use of gloves is recommended.

General public

- At the end of the treatment, dispose uneaten bait and the packaging in accordance with local requirements.

5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

- Store in a dry, cool and well ventilated place. Keep the container closed and away from direct sunlight.
- Store in places prevented from the access of children, birds, pets and farm animals.
- Shelf life: 2-years.

6. Other information

- Because of their delayed mode of action, anticoagulant rodenticides take from 4 to 10 days to be effective after consumption of the bait.
- Rodents can be disease carriers. Do not touch dead rodents with bare hands, use gloves or use tools such as tongs when disposing them.
- This product contains a bittering agent and a dye.
- Use Biocides Safely and Sustainably
- It is illegal to use this product for uses or in a manner other than that prescribed on this label.
- Poison Information: For information or to report a poisoning incident contact The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166), retain the label for reference.
- Please note IRELAND applies a minimum Professional pack size of 2.5 Kg instead of 3.0 kg.