

# Summary of product characteristics for a biocidal product

**Product name:** Rodex Excel

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

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**Authorisation number:** IE/BPA 70582

**R4BP 3 asset reference number:** IE-0000328-0000

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## Administrative information

### 1.1. Trade names of the product

Rodex Excel Pestproof Bromadiolone Block Bait
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### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	PelGar International Limited
	Address	18 rue des Remparts d'Ainay 69002 Lyon France
<b>Authorisation number</b>		IE/BPA 70582
<b>R4BP 3 asset reference number</b>		IE-0000328-0000
<b>Date of the authorisation</b>		19/11/2012
<b>Expiry date of the authorisation</b>		13/05/2023

### 1.3. Manufacturer(s) of the biocidal products

<b>Name of the manufacturer</b>	PelGar International Limited
<b>Address of the manufacturer</b>	18 rue des Remparts d'Ainay 69002 Lyon France
<b>Location of manufacturing sites</b>	Unit 13 Newman Lane GU34 2QR Alton United Kingdom

<b>Name of the manufacturer</b>	Unichem D.o.o
<b>Address of the manufacturer</b>	Sinja Corica 2 1360 Vrhnika Slovenia
<b>Location of manufacturing sites</b>	Sinja Corica 2 1360 Vrhnika Slovenia

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

<b>Active substance</b>	12 - Bromadiolone
<b>Name of the manufacturer</b>	PelGar International Limited
<b>Address of the manufacturer</b>	Unit 13 Newman Lane GU34 2QR Alton United Kingdom
<b>Location of manufacturing sites</b>	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 (%)
Bromadiolone	3-[3-(4'-Bromo[1,1'-biphenyl]-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxy-2H-1-benzopyran-2-one	Active Substance	28772-56-7	249-205-9	0.005

### 2.2. Type of formulation

RB - Bait (ready for use)

### 3. Hazard and precautionary statements

#### Hazard statements

Contains 1,2-benzisothiazolin-3-one. May produce an allergic reaction.  
May damage the unborn child.  
Causes damage to organs blood through prolonged or repeated exposure .

#### Precautionary statements

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Wear protective gloves.  
Do no eat, drink or smoke when using this product.  
Wash hands thoroughly after handling.  
IF exposed or concerned: Get medical attention.  
Get medical attention if you feel unwell.  
Store locked up.  
Dispose of container to in accordance with local regulations.

### 4. Authorised use(s)

#### 4.1 Use description

##### Use 1 - House mice and/or rats – Trained Professionals – 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)

Rattus norvegicus-Brown ratAll  
Mus musculus-House mouseAll

#### Field(s) of use

Indoor  
Indoors

#### Application method(s)

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

	<p>- Covered and protected baiting points</p>
<p><b>Application rate(s) and frequencies</b></p>	<p>For mice up to 40g in bait stations. For rats up to 200g in bait stations. - 0 -</p> <p>Rats:</p> <p>- High infestation: Up to 200 g of bait per baiting point spaced 5m apart.</p> <p>- Low infestation: Up to 200 g of bait per baiting point spaced 10m apart.</p> <p>Mice:</p> <p>- High infestation: Up to 40 g of bait per baiting point spaced 2m apart.</p> <p>- Low infestation: Up to 40 g of bait per baiting point spaced 5m apart</p>
<p><b>Category(ies) of users</b></p>	<p>Trained professional</p>
<p><b>Pack sizes and packaging material</b></p>	<p>1 or 2 x 20 g blocks in tamper-resistant HDPE or polypropylene mouse bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 20 kg.</p> <p>1 or 2 x 15 g blocks in tamper-resistant HDPE or polypropylene mouse bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 20 kg.</p> <p>10, 11 or 12 x 15 g blocks in tamper-resistant HDPE or polypropylene rat bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 20 kg.</p> <p>8, 9 or 10 x 20 g blocks in tamper-resistant HDPE or polypropylene rat bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 20 kg.</p> <p>1 or 2 x 100 g blocks in tamper-resistant HDPE or polypropylene rat bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 15kg.</p> <p>Loose 5g, 10g, 15g, 20g, 28g or 100g blocks in polyethylene or polypropylene tub or pail - 2.5kg to 20 kg.</p> <p>Loose 5g, 10g, 15g, 20g, 28g or 100g blocks unlined in double walled or fibreboard carton - 2.5kg to 20 kg.</p> <p>Loose 5g, 10g, 15g, 20g, 28g or 100g blocks within plastic or polyethylene bag (wire-tied) in double walled or fibreboard carton - 2.5kg to 20 kg.</p> <p>5g, 10g, 15g, 20g or 28g blocks within:</p> <ul style="list-style-type: none"> <li>• carton</li> <li>• sachets (polythene, paper/polythene, orientated polypropylene, polyethylene/aluminium or paper/polythene/aluminium)</li> <li>• pouches (paper/polyethylene/aluminium, polypropylene, PET/polyethylene or laminated polypropylene)</li> <li>• blister packs (polypropylene)</li> </ul>

- 3kg to 3.1kg.

20 g blocks packed in uni-trays packed in fibreboard carton - 2.5kg to 12 kg.

15 g blocks packed on cardboard trays with cellophane wrap, then packed into cardboard cartons - 2.5kg to 20 kg.

20 g blocks packed on cardboard trays with cellophane wrap, then packed into cardboard cartons - 2.5kg to 20 kg.

#### 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.
- 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 the product as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.
- Do not use the 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 use, the instructions for safe disposal of the product and its packaging

See section 5.4

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

See section 5.5

#### 4.2 Use description



**Use 2 - Mice and/or rats –Trained Professionals – outdoor around buildings**

<b>Product type</b>	PT14 - Rodenticides (Pest control)
<b>Where relevant, an exact description of the authorised use</b>	Not relevant for rodenticides
<b>Target organism(s) (including development stage)</b>	Rattus norvegicus-Brown ratAll Mus musculus-House mouseAll
<b>Field(s) of use</b>	Outdoor Outdoor
<b>Application method(s)</b>	Bait application - - Ready-to-use bait to be used in tamper-resistant bait stations  - Covered and protected baiting points - Direct application of ready-to-use bait into the burrow
<b>Application rate(s) and frequencies</b>	For mice up to 40g in bait stations. For rats up to 200g in bait stations. - 0 -  Rats:  - High infestation: Up to 200 g of bait per baiting point spaced 5m apart.  - Low infestation: Up to 200 g of bait per baiting point spaced 10m apart.  Mice:  - High infestation: Up to 40 g of bait per baiting point spaced 2m apart.  - Low infestation: Up to 40 g of bait per baiting point spaced 5m apart.  Burrow baiting: 20-200 g of bait per burrow.
<b>Category(ies) of users</b>	Trained professional

## Pack sizes and packaging material

1 or 2 x 20 g blocks in tamper-resistant HDPE or polypropylene mouse bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 20 kg.

1 or 2 x 15 g blocks in tamper-resistant HDPE or polypropylene mouse bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 20 kg.

10, 11 or 12 x 15 g blocks in tamper-resistant HDPE or polypropylene rat bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 20 kg.

8, 9 or 10 x 20 g blocks in tamper-resistant HDPE or polypropylene rat bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 20 kg.

1 or 2 x 100 g blocks in tamper-resistant HDPE or polypropylene rat bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 15kg.

Loose 5g, 10g, 15g, 20g, 28g or 100g blocks in polyethylene or polypropylene tub or pail - 2.5kg to 20 kg.

Loose 5g, 10g, 15g, 20g, 28g or 100g blocks unlined in double walled or fibreboard carton - 2.5kg to 20 kg.

Loose 5g, 10g, 15g, 20g, 28g or 100g blocks within plastic or polyethylene bag (wire-tied) in double walled or fibreboard carton - 2.5kg to 20 kg.

5g, 10g, 15g, 20g or 28g blocks within:

- carton
  - sachets (polythene, paper/polythene, orientated polypropylene, polyethylene/aluminium or paper/polythene/aluminium)
  - pouches (paper/polyethylene/aluminium, polypropylene, PET/polyethylene or laminated polypropylene)
  - blister packs (polypropylene)
- 3kg to 3.1kg.

20 g blocks packed in uni-trays packed in fibreboard carton - 2.5kg to 12 kg.

15 g blocks packed on cardboard trays with cellophane wrap, then packed into cardboard cartons - 2.5kg to 20 kg.

20 g blocks packed on cardboard trays with cellophane wrap, then packed into cardboard cartons - 2.5kg to 20 kg.

### 4.2.1 Use-specific instructions for use

- Protect bait from the atmospheric conditions. Place the baiting points in areas non-labile 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.
- Remove the remaining product at the end of treatment period (except when directly applied into burrows)
- Baits must be placed to minimise the exposure to non-target species and children. Cover or block the entrances of baited burrows to reduce the risks of bait being rejected and spilled. Follow any additional instructions provided by the CRRU Code of Best Practice (or equivalent)

### 4.2.2 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 (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 surface waters (e.g. rivers, ponds, water channels, dykes, irrigation ditches) or water drainage systems, ensure that bait contact with water is avoided.

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

See section 5.4

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

See section 5.5

### 4.3 Use description

#### Use 3 - Rats – Trained Professionals – sewers

<b>Product type</b>	PT14 - Rodenticides (Pest control)
<b>Where relevant, an exact description of the authorised use</b>	Not relevant for rodenticides
<b>Target organism(s) (including development stage)</b>	Rattus norvegicus-Brown ratAll
<b>Field(s) of use</b>	Other  Sewers
<b>Application method(s)</b>	Bait application -  - Ready-to-use bait to be anchored or applied in bait stations preventing the bait from getting into contact with waste water  - Covered and protected baiting points

**Application rate(s) and frequencies**

Up to 200g of bait per manhole - 0 -

Up to 200g of bait per manhole

**Category(ies) of users**

Trained professional

**Pack sizes and packaging material**

10, 11 or 12 x 15 g blocks in tamper-resistant HDPE or polypropylene rat bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 20 kg.

8, 9 or 10 x 20 g blocks in tamper-resistant HDPE or polypropylene rat bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 20 kg.

1 or 2 x 100 g blocks in tamper-resistant HDPE or polypropylene rat bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 15kg.

Loose 5g, 10g, 15g, 20g, 28g or 100g blocks in polyethylene or polypropylene tub or pail - 2.5kg to 20 kg.

Loose 5g, 10g, 15g, 20g, 28g or 100g blocks unlined in double walled or fibreboard carton - 2.5kg to 20 kg.

Loose 5g, 10g, 15g, 20g, 28g or 100g blocks within plastic or polyethylene bag (wire-tied) in double walled or fibreboard carton - 2.5kg to 20 kg.

5g, 10g, 15g, 20g or 28g blocks within:

- carton
  - sachets (polythene, paper/polythene, orientated polypropylene, polyethylene/aluminium or paper/polythene/aluminium)
  - pouches (paper/polyethylene/aluminium, polypropylene, PET/polyethylene or laminated polypropylene)
  - blister packs (polypropylene)
- 3kg to 3.1kg.

20 g blocks packed in uni-trays packed in fibreboard carton - 2.5kg to 12 kg.

15 g blocks packed on cardboard trays with cellophane wrap, then packed into cardboard cartons - 2.5kg to 20 kg.

20 g blocks packed on cardboard trays with cellophane wrap, then packed into cardboard cartons - 2.5kg to 20 kg.

#### 4.3.1 Use-specific instructions for use

- Baits must be applied in a way so that they do not come into contact with water and are not washed away.

#### 4.3.2 Use-specific risk mitigation measures

- Do not use this product in pulsed baiting treatments.

#### 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

See section 5.3

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

See section 5.4

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

See section 5.5

### 4.4 Use description

#### Use 4 - House mice and rats – Professional users – 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)

Mus musculus-House mouseAdults and juveniles

Rattus norvegicus-Brown ratAdults and juveniles

##### Field(s) of use

Indoor

Indoor

**Application method(s)**

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

**Application rate(s) and frequencies**

For mice up to 40g in bait stations. For rats up to 200g in bait stations. - -  
Rats:  
- High infestation: Up to 200 g of bait per baiting point spaced 5m apart.  
- Low infestation: Up to 200 g of bait per baiting point spaced 10m apart.  
Mice:  
- High infestation: Up to 40 g of bait per baiting point spaced 2m apart.  
- Low infestation: Up to 40 g of bait per baiting point spaced 5m apart

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

1 or 2 x 20 g blocks in tamper-resistant HDPE or polypropylene mouse bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 20 kg.

1 or 2 x 15 g blocks in tamper-resistant HDPE or polypropylene mouse bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 20 kg.

10, 11 or 12 x 15 g blocks in tamper-resistant HDPE or polypropylene rat bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 20 kg.

8, 9 or 10 x 20 g blocks in tamper-resistant HDPE or polypropylene rat bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 20 kg.

1 or 2 x 100 g blocks in tamper-resistant HDPE or polypropylene rat bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 15kg.

Loose 5g, 10g, 15g, 20g, 28g or 100g blocks in polyethylene or polypropylene tub or pail - 2.5kg to 20 kg.

Loose 5g, 10g, 15g, 20g, 28g or 100g blocks unlined in double walled or fibreboard carton - 2.5kg to 20 kg.

Loose 5g, 10g, 15g, 20g, 28g or 100g blocks within plastic or polyethylene bag (wire-tied) in double walled or fibreboard carton - 2.5kg to 20 kg.

5g, 10g, 15g, 20g or 28g blocks within:

- carton
- sachets (polythene, paper/polythene, orientated polypropylene, polyethylene/aluminium or paper/polythene/aluminium)
- pouches (paper/polyethylene/aluminium, polypropylene, PET/polyethylene or laminated polypropylene)
- blister packs (polypropylene)  
- 3kg to 3.1kg.

20 g blocks packed in uni-trays packed in fibreboard carton - 2.5kg to 12 kg.

15 g blocks packed on cardboard trays with cellophane wrap, then packed into cardboard cartons -2.5kg to 20 kg.

20 g blocks packed on cardboard trays with cellophane wrap, then packed into cardboard cartons - 2.5kg to 20 kg.

#### 4.4.1 Use-specific instructions for use

- For mice: The baiting stations should be visited at least every 2 to 3 days 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.  
- For 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.

#### 4.4.2 Use-specific risk mitigation measures

See general 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 points 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

See section 5.4

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

See section 5.5

#### 4.5 Use description

##### Use 5 - House mice and rats – Professional users – 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)

Mus musculus-House mouseAdults and juveniles

Rattus norvegicus-Brown ratAdults and juveniles

##### Field(s) of use

Outdoor

Outdoor around buildings

**Application method(s)**

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

**Application rate(s) and frequencies**

For mice up to 40g in bait stations. For rats up to 200g in bait stations. - -  
 Rats:  
 - High infestation: Up to 200 g of bait per baiting point spaced 5m apart.  
 - Low infestation: Up to 200 g of bait per baiting point spaced 10m apart.

Mice:  
 - High infestation: Up to 40 g of bait per baiting point spaced 2m apart.  
 - Low infestation: Up to 40 g of bait per baiting point spaced 5m apart.

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

1 or 2 x 20 g blocks in tamper-resistant HDPE or polypropylene mouse bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 20 kg.

1 or 2 x 15 g blocks in tamper-resistant HDPE or polypropylene mouse bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 20 kg.

10, 11 or 12 x 15 g blocks in tamper-resistant HDPE or polypropylene rat bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 20 kg.

8, 9 or 10 x 20 g blocks in tamper-resistant HDPE or polypropylene rat bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 20 kg.

1 or 2 x 100 g blocks in tamper-resistant HDPE or polypropylene rat bait station (refillable or single use). Bait stations packed in units of 1, 2, 3 or 4 in cardboard outer - 2.5kg to 15kg.

Loose 5g, 10g, 15g, 20g, 28g or 100g blocks in polyethylene or polypropylene tub or pail - 2.5kg to 20 kg.

Loose 5g, 10g, 15g, 20g, 28g or 100g blocks unlined in double walled or fibreboard carton - 2.5kg to 20 kg.

Loose 5g, 10g, 15g, 20g, 28g or 100g blocks within plastic or polyethylene bag (wire-tied) in double walled or fibreboard carton - 2.5kg to 20 kg.

5g, 10g, 15g, 20g or 28g blocks within:

- carton
- sachets (polythene, paper/polythene, orientated polypropylene, polyethylene/aluminium or paper/polythene/aluminium)
- pouches (paper/polyethylene/aluminium, polypropylene, PET/polyethylene or laminated polypropylene)
- blister packs (polypropylene)

- 3kg to 3.1kg.

20 g blocks packed in uni-trays packed in fibreboard carton - 2.5kg to 12 kg.

15 g blocks packed on cardboard trays with cellophane wrap, then packed into cardboard cartons -2.5kg to 20 kg.

20 g blocks packed on cardboard trays with cellophane wrap, then packed into cardboard cartons - 2.5kg to 20 kg.



#### 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 non-labile to flooding.
- For mice: The baiting stations should be visited at least every 2 to 3 days 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.
- For 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.
- Replace any bait in a bait station in which bait has been damaged by water or contaminated by dirt.

#### 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

See section 5.5

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

See section 5.5

### 5. General directions for use

#### 5.1. Instructions for use

#### Trained Professionals

- 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 relevant code of best practice.
- Sites where burrow baiting is used should be visited more frequently than those where secure bait boxes are employed
- 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.

#### 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.
- 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.
- 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 (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.
- 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.
- Remove the remaining bait or the bait stations at the end of the treatment period.

## 5.2. Risk mitigation measures

#### Trained Professionals

- 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

#### Professional Users

- Where possible, prior to the treatment inform any possible bystanders about the rodent control campaign.
- To reduce risk of secondary poisoning, search for and remove dead rodents at frequent intervals during treatment (e.g. at least twice a week).
- 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.
- The product information (i.e. label and/or leaflet) shall clearly show that the product shall not be supplied to the general public (e.g. "for professionals only").
- 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.

### 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.

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

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

### 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.