

# Summary of product characteristics for a biocidal product

**Product name:** Vertox 25 Excel

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

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**Authorisation number:** IE/BPA 70508

**R4BP 3 asset reference number:** IE-0016003-0000

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## Administrative information

### 1.1. Trade names of the product

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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 70508	
<b>R4BP 3 asset reference number</b>	IE-0016003-0000	
<b>Date of the authorisation</b>	18/07/2013	
<b>Expiry date of the authorisation</b>	01/07/2024	

### 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, Hants United Kingdom
	Unichem d.o.o, Sinja Corica 2 1360 Vrhnika Slovenia
	PelGar International Limited Overley Hill, B5061, Wellington TF6 5HD Telford United Kingdom
	IMPEX EUROPA, S.L. POL. IND. TRABANCA BADIÑA, PARC. 22-24 36600 – VILLAGARCIA DE AROSA PONTEVEDRA Spain

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

<b>Active substance</b>	11 - Brodifacoum
<b>Name of the manufacturer</b>	PelGar International Limited
<b>Address of the manufacturer</b>	Unit 13, Newman Lane GU34 2QR Alton, Hants 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 (%)
Brodifacoum	3-[3-(4'-bromobiphenyl-4-yl)-1,2,3,4-tetrahydro-1-naphthyl]-4-hydroxycoumarin	Active Substance	56073-10-0	259-980-5	0,0025

### 2.2. Type of formulation

RB - Bait (ready for use): Block

## 3. Hazard and precautionary statements

### Hazard statements

May cause damage to organs (blood) through prolonged or repeated exposure ..  
Contains 1,2-benzisothiazolin-3(2H)-one and 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

### Precautionary statements

Get medical advice if you feel unwell.  
Dispose of contents to in accordance with national regulations.

## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - House mice – general public – indoor

<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>	Scientific name: <i>Mus musculus</i> Common name: House mouse Development stage: Adults and juveniles
<b>Field(s) of use</b>	Indoor  Indoors
<b>Application method(s)</b>	Method: Bait application Detailed description: Ready-to-use bait to be used in tamper-resistant bait stations.
<b>Application rate(s) and frequencies</b>	Application Rate: For mice up to 20g in bait stations. Dilution (%): 0 Number and timing of application: Mice: 5 to 20 g of bait per bait station. High infestation – 5 to 20g bait in bait stations every 2 metres Low infestation – 5 to 20g bait in bait stations every 5 metres
<b>Category(ies) of users</b>	General public (non-professional)
<b>Pack sizes and packaging material</b>	Maximum quantity of bait per pack 100g Refill packs of multiple blocks (maximum pack sizes 100g): 5g, 10g, 20g, 28g, 50g and 60g blocks loose or wrapped in PP or PE within a PE or PP tub or pail 5g, 10g, 20g, 28g, 50g and 60g blocks loose or wrapped in PP or PE packed in PE lined cardboard outers or PE bags in cardboard box 5g, 10g, 20g, 28g, 50g and 60g blocks loose or wrapped in PP or PE packed in paper/PE/PE/AL, PP, PET/PE or laminated PP pouches – sold as they are or in cardboard outer 2, 3 or 4 x 5g blocks packed in a single or multi-use tamper-proof mouse HDPE or PP bait station, all packed in multiples of 1, 2 or 4 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper - Up to 100g 1 or 2 x 10g blocks packed in a single or multi-use tamper-proof mouse PET, HIPS, PVC, PE, HDPE or PP bait station, all packed in multiples of 1, 2, 3, 4, 5 or 6 in a cardboard outer or blister pack or cardboard sleeve. Additional blocks may be included as refills in the outer - Up to 100g 1 x 20g blocks packed in a single or multi-use tamper-proof mouse PET, HIPS, PVC, PE, HDPE or PP bait station, all packed in multiples of 1, 2, 3, 4, 5 or 6 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper. Additional blocks may be included as refills in the outer - Up to

100g  
1 - 5 x 20g in a PE sachet or PE, PVC or HIPS clamshell/blister packed in an outer with a multi-use PE, PP, PET, HIPS, PVC tamperproof rodent bait station. – Up to 100g.  
Refill pack - Blister pack, pouch or sachet (paper/PE, AL/PE, paper/Al/PE, PE, PP, PET, HIPS, PVC) in a cardboard outer (10g or 20g blocks) – Up to 100g.

#### 4.1.1 Use-specific instructions for use

For mice use up to 20g in bait stations.  
Secure 5-20g of blocks in tamper resistant baiting stations spaced 5m apart (2m apart in high infestation areas) in areas where mice are active. Regularly check bait consumption and replace consumed or spoilt bait until consumption has stopped. Repeat treatment in situations where there is evidence of new infestation (e.g. fresh tracks or droppings). Mice are very inquisitive and it may help the control program to move baits every 2-3 days at the time when bait points are inspected or topped up. Make frequent inspections of the bait points during the first 10-14 days and replace any bait eaten by rodents or that has been damaged by water or contaminated by dirt. If all the bait has been eaten from certain areas, increase the quantity of bait by placing more bait points. Do not increase the bait point size. Replace any bait eaten by rodents or that has been damaged by water or contaminated by dirt.  
The bait 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. 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

#### 4.1.2 Use-specific risk mitigation measures

None.

#### 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

None

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

None

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

None.

#### 4.2 Use description

## Use 2 - Rats – general public – indoor

<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>	Scientific name: Rattus norvegicus Common name: Brown rat Development stage: All
<b>Field(s) of use</b>	Indoor  Indoors
<b>Application method(s)</b>	Method: Bait application Detailed description: Ready-to-use bait to be used in tamper-resistant bait stations.
<b>Application rate(s) and frequencies</b>	Application Rate: For rats up to 60g in bait stations. Dilution (%): 0 Number and timing of application: Rats: 10 to 60 g of bait per bait station. High infestation – 10 to 60g bait in bait stations every 5 metres Low infestation – 10 to 60g bait in bait stations every 10 metres
<b>Category(ies) of users</b>	General public (non-professional)
<b>Pack sizes and packaging material</b>	Maximum quantity of bait per pack 300g Refill packs of multiple blocks (maximum pack sizes 300g): 5g, 10g, 20g, 28g, 50g and 60g blocks loose or wrapped in PP or PE within a PE or PP tub or pail 5g, 10g, 20g, 28g, 50g and 60g blocks loose or wrapped in PP or PE packed in PE lined cardboard outers or PE bags in cardboard box 5g, 10g, 20g, 28g, 50g and 60g blocks loose or wrapped in PP or PE packed in paper/PE/PE/AL, PP, PET/PE or laminated PP pouches – sold as they are or in cardboard outer 1, 2 or 3 x 20g blocks packed in a single or multi-use tamper-proof rat PET, HIPS, PVC, PE, HDPE or PP bait station, all packed in multiples of 1, 2 or 4 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper. Additional blocks may be included as refills in the outer. - Up to 300g 50g blocks packed in a single or multi-use tamper-proof rat HDPE or PP bait station, all packed in multiples of 1, 2 or 4 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper. Additional blocks may be included as refills in the outer. - Up to 300g 1 -15 x 20g in a PE sachet or PE, PVC or HIPS clamshell/blister packed in an outer with a multi-use PE, PP, PET, HIPS, PVC tamperproof rodent bait station. Refill pack - Blister pack, pouch or sachet (paper/PE, AL/PE, paper/Al/PE, PE, PP, PET, HIPS, PVC) in a cardboard outer (10g or 20g blocks) – Up to 300g.

#### 4.2.1 Use-specific instructions for use

For rats use up to 60g in bait stations.  
Secure 10-60g of blocks in tamper resistant baiting stations spaced 10m apart (5m apart in areas of high infestation) in areas where rats are active.  
Regularly check bait consumption and replace consumed or spoilt bait until consumption has stopped. Repeat treatment in situations where there is evidence of new infestation (e.g. fresh tracks or droppings). Do not move or disturb bait points for several days after laying bait.  
If no signs of rat activity are seen near the bait after 7-10 days, move the bait to an area of higher rat activity. If all the bait has been eaten from certain areas, increase the quantity of bait by placing more bait points. Do not increase the bait point size. Replace any bait eaten by rodents or that 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.  
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.

#### 4.2.2 Use-specific risk mitigation measures

None

#### 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

None

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

None

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

None

#### 4.3 Use description

##### Use 3 - Rats – general public – 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: *Rattus norvegicus*  
Common name: Brown rat



	Development stage: Other - all
<b>Field(s) of use</b>	Outdoor  Outdoor around buildings
<b>Application method(s)</b>	Method: Bait application Detailed description: Ready-to-use bait to be used in tamper-resistant bait stations.
<b>Application rate(s) and frequencies</b>	Application Rate: For rats up to 60g in bait stations. Dilution (%): 0 Number and timing of application: Rats: 10 to 60 g of bait per bait station. High infestation – 10 to 60g bait in bait stations every 5 metres Low infestation – 10 to 60g bait in bait stations every 10 metres
<b>Category(ies) of users</b>	General public (non-professional)
<b>Pack sizes and packaging material</b>	Maximum quantity of bait per pack 300g Refill packs of multiple blocks (maximum pack sizes 300g): 5g, 10g, 20g, 28g, 50g and 60g blocks loose or wrapped in PP or PE within a PE or PP tub or pail 5g, 10g, 20g, 28g, 50g and 60g blocks loose or wrapped in PP or PE packed in PE lined cardboard outers or PE bags in cardboard box 5g, 10g, 20g, 28g, 50g and 60g blocks loose or wrapped in PP or PE packed in paper/PE/PE/AL, PP, PET/PE or laminated PP pouches – sold as they are or in cardboard outer. 1, 2 or 3 x 20g blocks packed in a single or multi-use tamper-proof rat PET, HIPS, PVC, PE, HDPE or PP bait station, all packed in multiples of 1, 2 or 4 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper. Additional blocks may be included as refills in the outer - Up to 300g 50g blocks packed in a single or multi-use tamper-proof rat HDPE or PP bait station, all packed in multiples of 1, 2 or 4 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper. Additional blocks may be included as refills in the outer - Up to 300g 1 -15 x 20g in a PE sachet or PE, PVC or HIPS clamshell/blister packed in an outer with a multi-use PE, PP, PET, HIPS, PVC tamperproof rodent bait station. Refill pack - Blister pack, pouch or sachet (paper/PE, AL/PE, paper/Al/PE, PE, PP, PET, HIPS, PVC) in a cardboard outer (10g or 20g blocks) – Up to 300g.

#### 4.3.1 Use-specific instructions for use

For rats use up to 60g in bait stations.  
Secure 10-60g of blocks in tamper resistant baiting stations spaced 10m apart (5m apart in areas of high infestation) in areas where rats are active.  
Regularly check bait consumption and replace consumed or spoilt bait until consumption has stopped. Repeat treatment in situations where there is evidence of new infestation (e.g. fresh tracks or droppings). Do not move or disturb bait points for several days after laying bait.  
If no signs of rat activity are seen near the bait after 7-10 days, move the bait to an area of higher rat activity. If all the bait has been eaten from certain areas, increase the quantity of bait by placing more bait points. Do not increase the bait point size. Replace any bait eaten by rodents or that 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. Protect bait from the atmospheric conditions (e.g. rain, snow, etc.). Place the bait stations in areas not liable to flooding. 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.

#### 4.3.2 Use-specific risk mitigation measures

None

#### 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

None

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

None

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

None

### 4.4 Use description

#### Use 4 - House mice – professionals – indoor

<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>	Scientific name: <i>Mus musculus</i> Common name: House mouse Development stage: All
<b>Field(s) of use</b>	Indoor
<b>Application method(s)</b>	Method: Bait application Detailed description: Ready-to-use bait to be used in tamper-resistant bait stations.
	Application Rate: For mice use up to 20g in tamper-resistant bait stations.

**Application rate(s) and frequencies**

Dilution (%): 0  
Number and timing of application:  
  
Mice: 5 to 20 g of bait per bait station.  
High infestation – 5 to 20g bait in bait stations every 2 metres  
Low infestation – 5 to 20g bait in bait stations every 5 metres

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

Minimum pack size of 2.5 kg.  
Loose 5g, 10g, 20g, blocks within a PE or PP tub or pail - Up to 20kg  
Loose 5g, 10g, 20g, blocks either unlined or within a PP or wire-tied PE bag within a double-walled or fibreboard carton - Up to 20kg  
Loose 5g, 10g, 20g blocks in fibreboard carton 'uni-trays' (moulded styrene tray with pop-out blocks) - Up to 12 kg  
2, 3 or 4 x 5g blocks packed in a single or multi-use tamper-proof mouse HDPE or PP bait station, all packed in multiples of 1, 2 or 4 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper - Up to 80g  
1 or 2 x 10g blocks packed in a single or multi-use tamper-proof mouse PET, HIPS, PVC, PE, HDPE or PP bait station, all packed in multiples of 1, 2, 3, 4, 5 or 6 in a cardboard outer or blister pack or cardboard sleeve. Additional blocks may be included as refills in the outer. - Up to 120g (plus a maximum of 10 additional blocks)  
1 x 20g blocks packed in a single or multi-use tamper-proof mouse PET, HIPS, PVC, PE, HDPE or PP bait station, all packed in multiples of 1, 2, 3, 4, 5 or 6 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper. Additional blocks may be included as refills in the outer. - Up to 120g (plus a maximum of 10 additional blocks)  
Bait station packs described above are sold for professional use in larger multi-packs:  
10g – 250  
15g – 125  
20g – 96, 120, 144  
30g – 96, 120, 144  
40g – 72, 96, 120  
50g - 48, 60, 72, 96  
60g – 48, 60, 72, 96  
80g – 32, 48, 60, 72, 96  
100g - 32, 48, 60, 72, 96  
120g - 32, 48, 60, 72, 96  
1 -20 x 20g in a PE sachet or PE, PVC or HIPS clamshell/blister packed in an outer with a multi-use PE, PP, PET, HIPS, PVC tamperproof mouse bait station. Multiple units within a pack:  
80g – 32, 48, 60, 72, 96  
100g - 32, 48, 60, 72, 96  
200g – 16, 32, 48, 60, 72, 96  
400g – 8, 16, 32, 48, 60, 72, 96  
Refill pack - Blister pack, pouch or sachet (paper/PE, AL/PE, paper/Al/PE, PE, PP, PET, HIPS, PVC) in a cardboard outer (10g or 20g blocks) – Up to 400g. Multiple units within a pack:  
80g – 32, 48, 60, 72, 96  
100g - 32, 48, 60, 72, 96  
200g – 16, 32, 48, 60, 72, 96  
400g – 8, 16, 32, 48, 60, 72, 96

**4.4.1 Use-specific instructions for use**

For mice use up to 20g in tamper-resistant bait stations. Secure 5-20g of blocks in tamper resistant baiting stations spaced 5m apart (2m apart in high infestation areas) in areas where mice are active.  
Regularly check bait consumption and replace consumed or spoiled bait until consumption has stopped.  
Repeat treatment in situations where there is evidence of new infestation (e.g. fresh tracks or droppings). Mice are very inquisitive and it may help the control program to move baits every 2-3 days at the time when bait points are inspected or topped up. Make frequent inspections of the bait points during the first 10-14 days and replace any bait eaten by rodents or that has been damaged by water or contaminated by dirt. If all the bait has been eaten from certain areas, increase the quantity of bait by placing more bait points. Do not increase the bait point size. Replace any bait eaten by rodents or that has been damaged by water or contaminated by dirt.  
The bait 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. Follow any additional instructions provided by the relevant code of best practice.  
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.  
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 resistance status of the target population should be taken into account when considering the choice of rodenticide to be used. In those areas where evidence of resistance to specific active ingredients is suspected, avoid their use. 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.  
[If national policy or legislation requires 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.  
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.

#### 4.4.2 Use-specific risk mitigation measures

Wear protective chemical resistant gloves during product handling phase (EN374).  
Do not use baits containing anticoagulant active substances as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.

#### 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

None.

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

None.

### 4.5 Use description

#### Use 5 - Rats – professionals – indoor

<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>	Scientific name: Rattus norvegicus Common name: Brown rat Development stage: All
<b>Field(s) of use</b>	Indoor
<b>Application method(s)</b>	Method: Bait application Detailed description: Ready-to-use bait to be used in tamper-resistant bait stations
<b>Application rate(s) and frequencies</b>	Application Rate: 10-60g of bait in tamper resistant baiting stations spaced 10m apart (5m apart in areas of high infestation). Dilution (%): 0 Number and timing of application:  Mice: 5 to 20 g of bait per bait station.  High infestation – 5 to 20g bait in bait stations every 2 metres  Low infestation – 5 to 20g bait in bait stations every 5 metres  Rats: 10 to 60 g of bait per bait station.  High infestation – 10 to 60g bait in bait stations every 5 metres  Low infestation – 10 to 60g bait in bait stations every 10 metres
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	Minimum pack size of 2.5 kg. Loose 5g, 10g, 20g, 28g, 50g or 60g blocks within a PE or PP tub or pail - Up to 20kg Loose 5g, 10g, 20g, 28g, 50g or 60g blocks either unlined or within a PP or wire-tied PE bag within a double-walled or fibreboard carton - Up to 20kg Loose 5g, 10g, 20g, 28g, 50g or 60g blocks in fibreboard carton 'uni-trays' (moulded styrene tray with pop-out blocks) - Up to 12 kg 1, 2 or 3 x 20g blocks packed in a single or multi-use tamper-proof rat PET, HIPS, PVC, PE, HDPE or PP bait station, all packed in multiples of 1, 2 or 4 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper. Additional blocks may be included as refills in the outer. - Up to 240g (plus a maximum of 10 additional blocks) 50g blocks packed in a single or multi-use tamper-proof rat HDPE or PP bait station, all packed in multiples of 1, 2 or 4 in a cardboard outer or blister pack or cardboard sleeve

or heat-sealed bag or poly outer heat-sealed with a cardboard topper - Up to 200g  
Bait station packs described above are sold for professional use in larger multi-packs:  
20g – 96, 120, 144  
40g – 72, 96, 120  
50g - 48, 60, 72, 96  
60g – 48, 60, 72, 96  
80g – 32, 48, 60, 72, 96  
100g - 32, 48, 60, 72, 96  
120g - 32, 48, 60, 72, 96  
200g – 16, 32, 48, 60, 72, 96  
240g – 16, 32, 48, 60, 72, 96  
1 -20 x 20g in a PE sachet or PE, PVC or HIPS clamshell/blister packed in an outer with a multi-use PE, PP, PET, HIPS, PVC tamperproof rat bait station. Multiple units within a pack:  
80g – 32, 48, 60, 72, 96  
100g - 32, 48, 60, 72, 96  
200g – 16, 32, 48, 60, 72, 96  
400g – 8, 16, 32, 48, 60, 72, 96  
Refill pack - Blister pack, pouch or sachet (paper/PE, AL/PE, paper/Al/PE, PE, PP, PET, HIPS, PVC) in a cardboard outer (10g or 20g blocks) – Up to 400g. Multiple units within a pack:  
80g – 32, 48, 60, 72, 96  
100g - 32, 48, 60, 72, 96  
200g – 16, 32, 48, 60, 72, 96  
400g – 8, 16, 32, 48, 60, 72, 96

#### 4.5.1 Use-specific instructions for use

For rat infestations use 10-60g of bait in tamper resistant baiting stations spaced 10m apart (5m apart in areas of high infestation). Regularly check bait consumption and replace consumed or spoilt bait until consumption has stopped. Repeat treatment in situations where there is evidence of new infestation (e.g. fresh tracks or droppings). Do not move or disturb bait points for several days after laying bait. If no signs of rat activity are seen near the bait after 7-10 days, move the bait to an area of higher rat activity. 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. Follow any additional instructions provided by the relevant code of best practice. 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. 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 resistance status of the target population should be taken into account when considering the choice of rodenticide to be used. In those areas where evidence of resistance to specific active ingredients is suspected, avoid their use. 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. [If national policy or legislation requires 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. 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.

#### 4.5.2 Use-specific risk mitigation measures

Wear protective chemical resistant gloves during product handling phase (EN374).  
Do not use baits containing anticoagulant active substances as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.

#### 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 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

None

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

None

### 4.6 Use description

#### Use 6 - House mice and/or rats – 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* and/or *Rattus norvegicus*  
Common name: House mouse/and or Brown rat  
Development stage: All

##### Field(s) of use

Outdoor

Outdoor around buildings

##### 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 mice use up to 20g in tamper-resistant bait stations. For rats up to 60g in tamper-resistant bait stations.

Dilution (%): 0

Number and timing of application:

Mice: 5 to 20 g of bait per bait station.

High infestation – 5 to 20g bait in bait stations every 2 metres

Low infestation – 5 to 20g bait in bait stations every 5 metres

Rats: 10 to 60 g of bait per bait station.

High infestation – 10 to 60g bait in bait stations every 5 metres

Low infestation – 10 to 60g bait in bait stations every 10 metres

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

Minimum pack size of 2.5 kg.  
Loose 5g, 10g, 20g, 28g, 50g and 60g blocks within a PE or PP tub or pail - Up to 20kg  
Loose 5g, 10g, 20g, 28g, 50g or 60g blocks either unlined or within a PP or wire-tied PE bag within a double-walled or fibreboard carton - Up to 20kg  
Loose 5g, 10g, 20g, 28g, 50g or 60g blocks in fibreboard carton 'uni-trays' (moulded styrene tray with pop-out blocks) - Up to 12 kg  
2, 3 or 4 x 5g blocks packed in a single or multi-use tamper-proof mouse HDPE or PP bait station, all packed in multiples of 1, 2 or 4 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper - Up to 80g  
1 or 2 x 10g blocks packed in a single or multi-use tamper-proof mouse PET, HIPS, PVC, PE, HDPE or PP bait station, all packed in multiples of 1, 2, 3, 4, 5 or 6 in a cardboard outer or blister pack or cardboard sleeve. Additional blocks may be included as refills in the outer. - Up to 120g (plus a maximum of 10 additional blocks)  
1 x 20g blocks packed in a single or multi-use tamper-proof mouse PET, HIPS, PVC, PE, HDPE or PP bait station, all packed in multiples of 1, 2, 3, 4, 5 or 6 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper. Additional blocks may be included as refills in the outer. - Up to 120g (plus a maximum of 10 additional blocks)  
1, 2 or 3 x 20g blocks packed in a single or multi-use tamper-proof rat PET, HIPS, PVC, PE, HDPE or PP bait station, all packed in multiples of 1, 2 or 4 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper. Additional blocks may be included as refills in the outer. - Up to 240g (plus a maximum of 10 additional blocks)  
50g blocks packed in a single or multi-use tamper-proof rat HDPE or PP bait station, all packed in multiples of 1, 2 or 4 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper- Up to 200g  
Bait station packs described above are sold for professional use in larger multi-packs:  
10g - 250  
20g – 96, 120, 144  
30g – 96, 120, 144  
40g – 72, 96, 120  
50g - 48, 60, 72, 96  
60g – 48, 60, 72, 96  
80g – 32, 48, 60, 72, 96  
100g - 32, 48, 60, 72, 96  
120g - 32, 48, 60, 72, 96  
200g – 16, 32, 48, 60, 72, 96  
240g – 16, 32, 48, 60, 72, 96  
1 -20 x 20g in a PE sachet or PE, PVC or HIPS clamshell/blister packed in an outer with a multi-use PE, PP, PET, HIPS, PVC tamperproof rodent bait station. Multiple units within a pack:  
80g – 32, 48, 60, 72, 96  
100g - 32, 48, 60, 72, 96  
200g – 16, 32, 48, 60, 72, 96  
400g – 8, 16, 32, 48, 60, 72, 96  
Refill pack - Blister pack, pouch or sachet (paper/PE, AL/PE, paper/Al/PE, PE, PP, PET,



HIPS, PVC) in a cardboard outer (10g or 20g blocks) – Up to 400g. Multiple units within a pack:  
80g – 32, 48, 60, 72, 96  
100g - 32, 48, 60, 72, 96  
200g – 16, 32, 48, 60, 72, 96  
400g – 8, 16, 32, 48, 60, 72, 96

#### 4.6.1 Use-specific instructions for use

For mice use up to 20g in tamper-resistant bait stations.

Secure 5-20g of blocks in tamper resistant baiting stations spaced 5m apart (2m apart in high infestation areas) in areas where mice are active. Regularly check bait consumption and replace consumed or spoilt bait until consumption has stopped. Repeat treatment in situations where there is evidence of new infestation (e.g. fresh tracks or droppings). Mice are very inquisitive and it may help the control program to move baits every 2-3 days at the time when bait points are inspected or topped up. Make frequent inspections of the bait points during the first 10-14 days and replace any bait eaten by rodents or that has been damaged by water or contaminated by dirt. If all the bait has been eaten from certain areas, increase the quantity of bait by placing more bait points. Do not increase the bait point size.

For rats up to 60g in tamper-resistant bait stations.

Secure 10-60g of blocks in tamper resistant baiting stations spaced 10m apart (5m apart in areas of high infestation) in areas where rats are active. Regularly check bait consumption and replace consumed or spoilt bait. Repeat treatment in situations where there is evidence of new infestation (e.g. fresh tracks or droppings). Do not move or disturb bait points for several days after laying bait. If no signs of rat activity are seen near the bait after 7-10 days, move the bait to an area of higher rat activity. If all the bait has been eaten from certain areas, increase the quantity of bait by placing more bait points. Do not increase the bait point size.

Replace any bait eaten by rodents or that has been damaged by water or contaminated by dirt.

Protect bait from the atmospheric conditions (e.g. rain, snow, etc.). Place the bait stations in areas not liable to flooding.

Replace any bait in a bait station in which bait has been damaged by water or contaminated by dirt.

Follow any additional instructions provided by the relevant code of best practice.

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.

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 resistance status of the target population should be taken into account when considering the choice of rodenticide to be used. In those areas where evidence of resistance to specific active ingredients is suspected, avoid their use. 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.

[If national policy or legislation requires 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.

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.

#### 4.6.2 Use-specific risk mitigation measures

Wear protective chemical resistant gloves during product handling phase (EN374).

Do not apply this product directly in the burrows.

Do not use baits containing anticoagulant active substances as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.

#### 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

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

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

None

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

None

### 4.7 Use description

#### Use 7 - House mice and/or rats – trained professionals – indoor

<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>	Scientific name: <i>Mus musculus</i> and/or <i>Rattus norvegicus</i> Common name: House mouse and/or Brown rat Development stage: All
<b>Field(s) of use</b>	Indoor  Indoors
<b>Application method(s)</b>	Method: Bait application Detailed description: Ready-to-use bait to be used in covered bait points or in tamper-resistant bait stations
<b>Application rate(s) and frequencies</b>	Application Rate: For mice use up to 20g in tamper-resistant bait stations or covered bait points. For rats up to 60g in tamper-resistant bait stations or covered bait points. Dilution (%): 0 Number and timing of application:  Mice: 5 to 20 g of bait per bait station.  High infestation – 5 to 20g bait in bait stations every 2 metres  Low infestation – 5 to 20g bait in bait stations every 5 metres

Rats: 10 to 60 g of bait per bait station.

High infestation – 10 to 60g bait in bait stations every 5 metres

Low infestation – 10 to 60g bait in bait stations every 10 metres

Burrow baiting - 10 to 60 g of bait per burrow

**Category(ies) of users**

Trained professional

**Pack sizes and packaging material**

Minimum pack size of 2.5 kg.  
Loose 5g, 10g, 20g, 28g, 50g and 60g blocks within a PE or PP tub or pail - Up to 20kg  
Loose 5g, 10g, 20g, 28g, 50g or 60g blocks either unlined or within a PP or wire-tied PE bag within a double-walled or fibreboard carton - Up to 20kg  
Loose 5g, 10g, 20g, 28g, 50g or 60g blocks in fibreboard carton 'uni-trays' (moulded styrene tray with pop-out blocks) - Up to 12 kg  
2, 3 or 4 x 5g blocks packed in a single or multi-use tamper-proof mouse HDPE or PP bait station, all packed in multiples of 1, 2 or 4 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper - Up to 80g  
1 or 2 x 10g blocks packed in a single or multi-use tamper-proof mouse PET, HIPS, PVC, PE, HDPE or PP bait station, all packed in multiples of 1, 2, 3, 4, 5 or 6 in a cardboard outer or blister pack or cardboard sleeve. Additional blocks may be included as refills in the outer. - Up to 120g (plus a maximum of 10 additional blocks)  
1 x 20g blocks packed in a single or multi-use tamper-proof mouse PET, HIPS, PVC, PE, HDPE or PP bait station, all packed in multiples of 1, 2, 3, 4, 5 or 6 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper. Additional blocks may be included as refills in the outer. - Up to 120g (plus a maximum of 10 additional blocks)  
1, 2 or 3 x 20g blocks packed in a single or multi-use tamper-proof rat PET, HIPS, PVC, PE, HDPE or PP bait station, all packed in multiples of 1, 2 or 4 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper. Additional blocks may be included as refills in the outer. - Up to 240g (plus a maximum of 10 additional blocks)  
50g blocks packed in a single or multi-use tamper-proof rat HDPE or PP bait station, all packed in multiples of 1, 2 or 4 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper - Up to 200g  
Bait station packs described above are sold for professional use in larger multi-packs:  
10g - 250  
20g – 96, 120, 144  
30g – 96, 120, 144  
40g – 72, 96, 120  
50g - 48, 60, 72, 96  
60g – 48, 60, 72, 96  
80g – 32, 48, 60, 72, 96  
100g - 32, 48, 60, 72, 96  
120g - 32, 48, 60, 72, 96  
200g – 16, 32, 48, 60, 72, 96  
240g – 16, 32, 48, 60, 72, 96  
1 -20 x 20g in a PE sachet or PE, PVC or HIPS clamshell/blister packed in an outer with a multi-use PE, PP, PET, HIPS, PVC tamperproof rodent bait station. Multiple units within a pack:  
80g – 32, 48, 60, 72, 96  
100g - 32, 48, 60, 72, 96  
200g – 16, 32, 48, 60, 72, 96  
400g – 8, 16, 32, 48, 60, 72, 96  
Refill pack - Blister pack, pouch or sachet (paper/PE, AL/PE, paper/Al/PE, PE, PP, PET,

HIPS, PVC) in a cardboard outer (10g or 20g blocks) – Up to 400g. Multiple units within a pack:  
80g – 32, 48, 60, 72, 96  
100g - 32, 48, 60, 72, 96  
200g – 16, 32, 48, 60, 72, 96  
400g – 8, 16, 32, 48, 60, 72, 96

#### 4.7.1 Use-specific instructions for use

Remove the remaining product at the end of treatment period.

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

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.

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.

[If national policy or legislation requires 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.

Do not use this product for permanent baiting.

If used for pulsed baiting:

- Replace eaten bait only after 3 days and then at maximum 7 day intervals. Collect any spilled bait and dead rodents.

- [When available] Follow the specific instructions provided by the applicable code of good practice at national level.

#### 4.7.2 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.

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.

Wear protective chemical resistant gloves during product handling phase (EN374).

#### 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

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

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

None

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

None

### 4.8 Use description

#### Use 8 - House mice and/or rats – trained 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* and/or *Rattus norvegicus*  
Common name: House mouse and /or Brown rat  
Development stage: All

##### Field(s) of use

Outdoor

Outdoor around buildings

##### Application method(s)

Method: Bait application

Detailed description:

Ready-to-use bait to be used in covered bait points or in tamper-resistant bait stations

##### Application rate(s) and frequencies

Application Rate: For mice use up to 20g in tamper-resistant bait stations or covered bait points. For rats up to 60g in tamper-resistant bait stations or covered bait points.  
Dilution (%): 0

Number and timing of application:

Mice: 5 to 20 g of bait per bait station.

High infestation – 5 to 20g bait in bait stations every 2 metres

Low infestation – 5 to 20g bait in bait stations every 5 metres

Rats: 10 to 60 g of bait per bait station.

High infestation – 10 to 60g bait in bait stations every 5 metres

Low infestation – 10 to 60g bait in bait stations every 10 metres

Burrow baiting - 10 to 60 g of bait per burrow

## Category(ies) of users

Trained professional

## Pack sizes and packaging material

Minimum pack size of 2.5 kg.  
Loose 5g, 10g, 20g, 28g, 50g or 60g blocks within a PE or PP tub or pail - Up to 20kg  
Loose 5g, 10g, 20g, 28g, 50g or 60g blocks either unlined or within a PP or wire-tied PE bag within a double-walled or fibreboard carton - Up to 20kg  
Loose 5g, 10g, 20g, 28g, 50g or 60g blocks in fibreboard carton 'uni-trays' (moulded styrene tray with pop-out blocks) - Up to 12 kg  
2, 3 or 4 x 5g blocks packed in a single or multi-use tamper-proof mouse HDPE or PP bait station, all packed in multiples of 1, 2 or 4 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper - Up to 80g  
1 or 2 x 10g blocks packed in a single or multi-use tamper-proof mouse PET, HIPS, PVC, PE, HDPE or PP bait station, all packed in multiples of 1, 2, 3, 4, 5 or 6 in a cardboard outer or blister pack or cardboard sleeve. Additional blocks may be included as refills in the outer. - Up to 120g (plus a maximum of 10 additional blocks)  
1 x 20g blocks packed in a single or multi-use tamper-proof mouse PET, HIPS, PVC, PE, HDPE or PP bait station, all packed in multiples of 1, 2, 3, 4, 5 or 6 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper. Additional blocks may be included as refills in the outer. - Up to 120g (plus a maximum of 10 additional blocks)  
1, 2 or 3 x 20g blocks packed in a single or multi-use tamper-proof rat PET, HIPS, PVC, PE, HDPE or PP bait station, all packed in multiples of 1, 2 or 4 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper. Additional blocks may be included as refills in the outer. - Up to 240g (plus a maximum of 10 additional blocks)  
50g blocks packed in a single or multi-use tamper-proof rat HDPE or PP bait station, all packed in multiples of 1, 2 or 4 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper - Up to 200g  
Bait station packs described above are sold for professional use in larger multi-packs:  
10g - 250  
20g - 96, 120, 144  
30g - 96, 120, 144  
40g - 72, 96, 120  
50g - 48, 60, 72, 96  
60g - 48, 60, 72, 96  
80g - 32, 48, 60, 72, 96  
100g - 32, 48, 60, 72, 96  
120g - 32, 48, 60, 72, 96  
200g - 16, 32, 48, 60, 72, 96  
240g - 16, 32, 48, 60, 72, 96  
1 -20 x 20g in a PE sachet or PE, PVC or HIPS clamshell/blister packed in an outer with a multi-use PE, PP, PET, HIPS, PVC tamperproof rodent bait station. Multiple units within a pack:  
80g - 32, 48, 60, 72, 96  
100g - 32, 48, 60, 72, 96  
200g - 16, 32, 48, 60, 72, 96  
400g - 8, 16, 32, 48, 60, 72, 96  
Refill pack - Blister pack, pouch or sachet (paper/PE, AL/PE, paper/Al/PE, PE, PP, PET, HIPS, PVC) in a cardboard outer (10g or 20g blocks) - Up to 400g. Multiple units within a pack:  
80g - 32, 48, 60, 72, 96  
100g - 32, 48, 60, 72, 96  
200g - 16, 32, 48, 60, 72, 96  
400g - 8, 16, 32, 48, 60, 72, 96

### 4.8.1 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.

Remove the remaining product at the end of treatment period [Not applicable where explicitly authorised according to addenda 4].

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

If used for pulsed baiting: - Replace eaten bait only after 3 days and then at maximum 7 day intervals. Collect any spilled bait and dead rodents. [When available] Follow the specific instructions provided by the applicable code of good practice at national level

[For outdoor use, baiting points must be covered and placed in strategic sites to minimise the exposure to non-target species]. [When available] Follow any additional instructions provided by the relevant code of best practice.

When used in 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.

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.

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.

[If national policy or legislation requires 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.

#### 4.8.2 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

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.

When used in 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.

Wear protective chemical resistant gloves during product handling phase (EN374).

#### 4.8.3 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.

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

None

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

None

**4.9 Use description**

**Use 9 - 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>	Scientific name: Rattus norvegicus Common name: Brown rat Development stage: All
<b>Field(s) of use</b>	Other  Sewers
<b>Application method(s)</b>	Method: Bait application Detailed description: Ready-to-use bait to be anchored or applied in bait stations preventing the bait from getting into contact with waste water.
<b>Application rate(s) and frequencies</b>	Application Rate: In sewers, place 200 g to 300 g of blocks every 30-50m (never more than 300 g at each manhole). Dilution (%): 0 Number and timing of application:  In sewers, place 200 g to 300 g of blocks every 30-50m (never more than 300 g at each manhole).  Secure the blocks to available structures to ensure they are not washed away. Regularly check bait consumption and replace consumed or spoilt bait until consumption has stopped. Repeat treatment in situations where there is evidence of new infestation.
<b>Category(ies) of users</b>	Trained professional
<b>Pack sizes and packaging material</b>	Minimum pack size of 2.5 kg. Loose 5g, 10g, 20g, 28g, 50g, 60g, 100g and 200g blocks within a PE or PP tub or pail



- Up to 20kg  
 Loose 5g, 10g, 20g, 28g, 50g, 60g, 100g or 200g blocks either unlined or within a PP or wire-tied PE bag within a double-walled or fibreboard carton - Up to 20kg  
 Loose 5g, 10g, 20g, 28g, 50g or 60g blocks in fibreboard carton 'uni-trays' (moulded styrene tray with pop-out blocks) - Up to 12 kg  
 1, 2 or 3 x 20g blocks packed in a single or multi-use tamper-proof rat PET, HIPS, PVC, PE, HDPE or PP bait station, all packed in multiples of 1, 2 or 4 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper. Additional blocks may be included as refills in the outer. - Up to 240g (plus a maximum of 10 additional blocks)  
 50g blocks packed in a single or multi-use tamper-proof rat HDPE or PP bait station, all packed in multiples of 1, 2 or 4 in a cardboard outer or blister pack or cardboard sleeve or heat-sealed bag or poly outer heat-sealed with a cardboard topper - Up to 200g  
 Bait station packs described above are sold for professional use in larger multi-packs:  
 20g – 96, 120, 144  
 40g – 72, 96, 120  
 50g - 48, 60, 72, 96  
 60g – 48, 60, 72, 96  
 80g – 32, 48, 60, 72, 96  
 100g - 32, 48, 60, 72, 96  
 120g - 32, 48, 60, 72, 96  
 200g – 16, 32, 48, 60, 72, 96  
 240g – 16, 32, 48, 60, 72, 96  
 1 -20 x 20g in a PE sachet or PE, PVC or HIPS clamshell/blister packed in an outer with a multi-use PE, PP, PET, HIPS, PVC tamperproof rat bait station. Multiple units within a pack:  
 80g – 32, 48, 60, 72, 96  
 100g - 32, 48, 60, 72, 96  
 200g – 16, 32, 48, 60, 72, 96  
 400g – 8, 16, 32, 48, 60, 72, 96  
 Refill pack - Blister pack, pouch or sachet (paper/PE, AL/PE, paper/Al/PE, PE, PP, PET, HIPS, PVC) in a cardboard outer (10g or 20g blocks) – Up to 400g. Multiple units within a pack:  
 80g – 32, 48, 60, 72, 96  
 100g - 32, 48, 60, 72, 96  
 200g – 16, 32, 48, 60, 72, 96  
 400g – 8, 16, 32, 48, 60, 72, 96

#### 4.9.1 Use-specific instructions for use

In sewers, place 200 g to 300 g of blocks every 30-50m (never more than 300 g at each manhole). Secure the blocks to available structures to ensure they are not washed away. Regularly check bait consumption and replace consumed or spoilt bait until consumption has stopped. Repeat treatment in situations where there is evidence of new infestation. Baits must be applied in a way so that they do not come into contact with water and are not washed away. Follow any additional instructions provided by the relevant code of best practice. 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. 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 resistance status of the target population should be taken into account when considering the choice of rodenticide to be used. In those areas where evidence of resistance to specific active ingredients is suspected, avoid their use. 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. [If national policy or legislation requires 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.

#### 4.9.2 Use-specific risk mitigation measures

[If national policy or legislation requires it] Place baits only in sewer systems which are connected to the sewage treatment plant. Wear protective chemical resistant gloves during product handling phase (EN374). 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.

#### **4.9.3 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.

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

None

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

None

### **5. General directions for use**

#### **5.1. Instructions for use**

Read and follow the product information as well as any information accompanying the product or provided at the point of sale before using it.  
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.  
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.  
Do not open the sachets containing the bait (only for individually wrapped blocks authorised for use by the General Public).  
Bait stations should be placed in the immediate vicinity where rodent activity has been observed.  
Where possible, bait stations must be fixed to the ground or other structures.  
Do not place bait stations near water drainage systems where they can come into contact with water.  
Place bait stations away from food, drink and animal feeding stuffs, as well as from utensils or surfaces that have contact with these.  
Place bait stations out of the reach of children, birds, pets, farm animals and other non-target animals.  
When using the product do not eat, drink or smoke. Wash hands and directly exposed skin after using the product.  
Professionals & Trained Professionals: 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.

#### **5.2. Risk mitigation measures**

Do not use brodifacoum containing products as permanent baits (e.g. for prevention of rodent infestation or to detect rodent activity). Dispose of dead rodents in accordance with local requirements [The method of disposal shall be described specifically in the national SPC and be reflected on the product label].  
Search for and remove dead rodents during treatment, at least as often as bait stations are inspected.  
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.

[For products to be authorised for professionals and trained professionals] Where possible, prior to the treatment inform any possible bystanders about the rodent control campaign.

[For products to be authorised for professional users:] 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"). Do not wash the bait stations with water between applications.

[For products to be authorised for trained professional users:] The product information (i.e. label and/or leaflet) shall clearly show that the product shall only be supplied to trained professional users holding certification demonstrating compliance with the applicable training requirements (e.g. "for trained professionals only").

[For products to be authorised for trained professional users:] 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.

### 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.

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 incident, call the National Poisons Information Centre (01) 809 2166".

Hazardous to wildlife.

### 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

Shelf-life: 24 months

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.

Keep only in original container.

### 6. Other information

Because of their delayed mode of action, anticoagulant rodenticides may take from 4 to 10 days to be effective after effective 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.

