

# Summary of product characteristics for a biocidal product

**Product name:** Pied Piper Halt 50 Wax Block Rat & Mouse Bait

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

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**Authorisation number:** IE/BPA 70672

**R4BP 3 asset reference number:** IE-0007947-0000

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## Administrative information

### 1.1. Trade names of the product

Pied Piper Halt 50 Wax Block Rat & Mouse Bait
Pest Free Zone H50 Wax Block Rat & Mouse bait
Osmonds Romort H50 Wax Block Rat Bait
Attack A Rat H50 Wax Block Rat Bait
Rat Killer H50 Wax Block Rat Bait

### 1.2. Authorisation holder

Name and address of the authorisation holder	Name	Pied Piper Chemicals Ltd
	Address	Ballinure Thurles na Tipperary Ireland
Authorisation number	IE/BPA 70672	
R4BP 3 asset reference number	IE-0007947-0000	
Date of the authorisation	05/02/2014	
Expiry date of the authorisation	01/07/2024	

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

Name of the manufacturer	Pied Piper Chemicals Ltd
Address of the manufacturer	Ballinure Thurles Co Tipperary Tipp Tipperary Ireland
Location of manufacturing sites	Ballinure Thurles Co Tipperary Tipp Tipperary Ireland

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

Active substance	11 - Brodifacoum
Name of the manufacturer	Activa Srl
Address of the manufacturer	Via Feltre 32 20132 Milan Ireland
Location of manufacturing sites	Tezza S.r.l via Tre Ponti 22 37050 S.Maria di Zevio Italy

## 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	0,005

### 2.2. Type of formulation

RB - Bait (ready for use)
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## 3. Hazard and precautionary statements

Hazard statements	May damage the unborn child. May cause damage to organs blood through prolonged or repeated exposure .
Precautionary statements	Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Wear protective gloves. IF exposed or concerned: Get medical advice. Dispose of contents to in accordance with national and international regulations.

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## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - House Mice Professional Indoor

Product type	PT14 - Rodenticides (Pest control)
Where relevant, an exact description of the authorised use	Not relevant for rodenticides
Target organism(s) (including development stage)	Scientific name: Mus musculus Common name: House mouse Development stage: Juveniles to adults
Field(s) of use	Indoor  indoor
Application method(s)	Method: Bait application Detailed description:  Ready-to use bait to be used in tamper-resistant bait stations
Application rate(s) and frequencies	Application Rate: 40 gr of bait per bait point. if more than one bait station is needed, the minimum distance between bait stations should be of 5 metres Dilution (%): 0 Number and timing of application:  if more than one bait station is needed, the minimum distance between bait stations should be of 5 metres
Category(ies) of users	General public (non-professional)
Pack sizes and packaging material	Bait product of 20 gr units Minimum pack size of 2.5 kg up to 25 kg. Where applicable package is restricted to separately packed bags with a maximum bag size of 10 kg. Packaging material : plastic composite-triple layer (polyester/ pet MET/polyethylene) <b>Type of packaging</b> <b>Size/volume of the packaging</b>

**Material of the packaging**  
**Type and material of closure(s)**  
**Intended user (e.g. professional, non-professional)**  
**Compatibility of the product with the proposed packaging materials (Yes/No)**  
 Labelled or Printed Bag/Sack  
 from 2.5 Kg - to 25 kg  
 Plastic composite  
 Prefabricated bags or serial production bags , both thermal welded  
 Professional,  
 Yes  
 Labelled or Printed Bag/Sack - with Inner plastic liner  
 from 2.5 Kg - to 10 kg - max size inner liner 10 Kg  
 Plastic composite  
 Prefabricated bags or serial production bags , both thermal welded  
 Professional,  
 Yes  
 Labelled plastic (HDPE) bucket  
 from 2.5 Kg -to 25 kg  
 Labelled plastic (HDPE) bucket  
 Rectangular or truncated cone bucket sealed  
 Professional,  
 Yes  
 Labelled plastic (HDPE) bucket- with inner plastic liner  
 from 2.5 - to 10 kg - max size inner liner 10 Kg  
 Labelled plastic (HDPE) bucket  
 Rectangular or truncated cone bucket sealed  
 Professional,  
 Yes  
 Labelled or Printed Carton sachet with plastic inner liner  
 from 2.5 - to 10 kg single inner plastic bags of up to 10 Kg each  
 Carton + Plastic composite  
 Prefabricated bags or serial production bags , both thermal welded  
 Professional,  
 Yes  
 Labelled or Printed Cardboard with inner plastic liner  
 2.5 -10 kg single inner plastic bags of up to 10 Kg each  
 Carton + Plastic composite  
 Prefabricated cardboard  
 Professional,  
 Yes

#### 4.1.1 Use-specific instructions for use

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

#### 4.1.2 Use-specific risk mitigation measures

placeholder text

#### 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 stations 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

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

shelf life 24 months

### 4.2 Use description

#### Use 2 - Rats Professional 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: adults to juveniles  Scientific name: Rattus rattus Common name: Roof rat Development stage: adults to juveniles
<b>Field(s) of use</b>	Indoor  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: 60-100 gr of bait per bait point. if more than one bait station is needed, the minimum distance between bait stations should be of 5 metres Dilution (%): 0 Number and timing of application: if more than one bait station is needed, the minimum distance between bait stations should be of 5 metres

Category(ies) of users

Pack sizes and packaging material

Professional

Bait product of 20 gr units  
Minimum pack size of 2.5 kg up to 25 kg.  
Where applicable package is restricted to separately packed bags with a maximum bag size of 10 kg.  
Packaging material : plastic composite-triple layer (polyester/ pet MET/polyethylene)  
**Type of packaging**  
**Size/volume of the packaging**  
**Material of the packaging**  
**Type and material of closure(s)**  
**Intended user (e.g. professional, non-professional)**  
**Compatibility of the product with the proposed packaging materials (Yes/No)**  
Labelled or Printed Bag/Sack  
from 2.5Kg - to 25 kg  
Plastic composite  
Prefabricated bags or serial production bags , both thermal welded  
Professional  
Yes  
Labelled or Printed Bag/Sack - with Inner plastic liner  
from 2.5 Kg - to 10 kg - max size inner liner 10 Kg  
Plastic composite  
Prefabricated bags or serial production bags , both thermal welded  
Professional,  
Yes  
Labelled plastic (HDPE) bucket  
from 2.5 Kg -to 25 kg  
Labelled plastic (HDPE) bucket  
Rectangular or truncated cone bucket sealed  
Professional,  
Yes  
Labelled plastic (HDPE) bucket- with inner plastic liner  
from 2.5 - to 10 kg - max size inner liner 10 Kg  
Labelled plastic (HDPE) bucket  
Rectangular or truncated cone bucket sealed  
Professional,  
Yes  
Labelled or Printed Carton sachet with plastic inner liner  
from 2.5 - to 10 kg single inner plastic bags of up to 10 Kg each  
Carton + Plastic composite  
Prefabricated bags or serial production bags , both thermal welded  
Professional,  
Yes  
Labelled or Printed Cardboard with inner plastic liner  
2.5 -10 kg single inner plastic bags of up to 10 Kg each  
Carton + Plastic composite  
Prefabricated cardboard  
Professional,  
Yes



#### 4.2.1 Use-specific instructions for use

The bait stations should be visited at least every 5 to 7 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.

#### 4.2.2 Use-specific risk mitigation measures

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

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

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

shelf life 24 months

#### 4.3 Use description

##### Use 3 - House Mice and Rats - Professional - 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: juveniles to adults

Scientific name: *Rattus rattus*  
Common name: Roof rat  
Development stage: juveniles to adults

##### Field(s) of use

**Application method(s)**

Outdoor

outdoor around buildings

Method: Bait application

Detailed description:

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

**Application rate(s) and frequencies**

Application Rate: House mouse 40 gr of bait per bait point. Rats: 60-100 gr of bait per bait point. if more than one bait station is needed, the minimum distance between bait stations should be of 5 metres

Dilution (%): 0

Number and timing of application:

if more than one bait station is needed, the minimum distance between bait stations should be of 5 metres

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

Bait product of 20 gr units

Minimum pack size of 2.5 kg up to 25 kg.

Where applicable package is restricted to separately packed bags with a maximum bag size of 10 kg.

Packaging material : plastic composite-triple layer (polyester/ pet MET/polyethylene)

**Type of packaging**

**Size/volume of the packaging**

**Material of the packaging**

**Type and material of closure(s)**

**Intended user (e.g. professional, non-professional)**

**Compatibility of the product with the proposed packaging materials (Yes/No)**

Labelled or Printed Bag/Sack

from 2.5 Kg - to 25 kg

Plastic composite

Prefabricated bags or serial production bags , both thermal welded

Professional,

Yes

Labelled or Printed Bag/Sack - with Inner plastic liner

from 2.5 Kg - to 10 kg - max size inner liner 10 Kg

Plastic composite

Prefabricated bags or serial production bags , both thermal welded

Professional,

Yes

Labelled plastic (HDPE) bucket

from 2.5 Kg -to 25 kg

Labelled plastic (HDPE) bucket

Rectangular or truncated cone bucket sealed

Professional,

Yes

Labelled plastic (HDPE) bucket- with inner plastic liner

from 2.5 - to 10 kg - max size inner liner 10 Kg

Labelled plastic (HDPE) bucket

Rectangular or truncated cone bucket sealed

Professional,

Yes

Labelled or Printed Carton sachet with plastic inner liner

from 2.5 - to 10 kg single inner plastic bags of up to 10 Kg each

Carton + Plastic composite

Prefabricated bags or serial production bags , both thermal welded

Professional,

Yes  
Labelled or Printed Cardboard with inner plastic liner  
2.5 -10 kg single inner plastic bags of up to 10 Kg each  
Carton + Plastic composite  
Prefabricated cardboard  
Professional,  
Yes

#### 4.3.1 Use-specific instructions for use

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

#### 4.3.2 Use-specific risk mitigation measures

Do not apply this product directly in the burrows.

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

When placing bait 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..

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

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

shelf life 24 months

#### 4.4 Use description

##### Use 4 - House mice and 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>	<p>Scientific name: <i>Mus musculus</i> Common name: House mouse Development stage: juveniles to adults</p> <p>Scientific name: <i>Rattus norvegicus</i> Common name: Brown rat Development stage: juveniles to adults</p> <p>Scientific name: <i>Rattus rattus</i> Common name: Roof rat Development stage: juveniles to adults</p>
<b>Field(s) of use</b>	Indoor  indoor
<b>Application method(s)</b>	<p>Method: Bait application Detailed description: Ready-to-use bait to be used in tamper-resistant bait stations or covered and protected baiting points as long as they provide the same level of protection for non-target species and humans as tamper-resistant bait stations</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: Rats :- High infestation: 100 g of bait per baiting point. - Low infestation: 60 g of bait per baiting point.. Mice 40 gr of bait per bait point Dilution (%): 0 Number and timing of application: <i>Rats</i> - High infestation: 100 g of bait per baiting point. - Low infestation: 60 g of bait per baiting point. <i>Mice</i> - 40 gr of bait per baiting point</p>
<b>Category(ies) of users</b>	Trained professional
<b>Pack sizes and packaging material</b>	<p>Bait product of 20 gr units Minimum pack size of 2.5 kg up to 25 kg. Where applicable package is restricted to separately packed bags with a maximum bag size of 10 kg. Packaging material : plastic composite-triple layer (polyester/ pet MET/polyethylene) <b>Type of packaging</b> <b>Size/volume of the packaging</b> <b>Material of the packaging</b> <b>Type and material of closure(s)</b> <b>Intended user (e.g. professional, non-professional)</b></p>

**Compatibility of the product with the proposed packaging materials (Yes/No)**

Labelled or Printed Bag/Sack

from 2.5 Kg - to 25 kg

Plastic composite

Prefabricated bags or serial production bags , both thermal welded  
trained professional

Yes

Labelled or Printed Bag/Sack - with Inner plastic liner

from 2.5 Kg - to 10 kg - max size inner liner 10 Kg

Plastic composite

Prefabricated bags or serial production bags , both thermal welded  
trained professional

Yes

Labelled plastic (HDPE) bucket

from 2.5 Kg -to 25 kg

Labelled plastic (HDPE) bucket

Rectangular or truncated cone bucket sealed  
trained professional

Yes

Labelled plastic (HDPE) bucket- with inner plastic liner

from 2.5 - to 10 kg - max size inner liner 10 Kg

Labelled plastic (HDPE) bucket

Rectangular or truncated cone bucket sealed  
trained professional

Yes

Labelled or Printed Carton sachet with plastic inner liner

from 2.5 - to 10 kg single inner plastic bags of up to 10 Kg each

Carton + Plastic composite

Prefabricated bags or serial production bags , both thermal welded  
trained professional

Yes

Labelled or Printed Cardboard with inner plastic liner

2.5-10 kg single inner plastic bags of up to 10 Kg each

Carton + Plastic composite

Prefabricated cardboard

trained professional

Yes

#### 4.4.1 Use-specific instructions for use

Remove the remaining product at the end of treatment period

#### 4.4.2 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 [in accordance with the applicable code of good practice, if any].
- 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 in pulsed baiting treatments.
- do not use the product as permanent baits for the prevention of rodent infestation or monitoring activities

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

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

shelf life 24 months. Use specific conditions of storage and shelf-life of the product under normal conditions of storage are not necessary when conditions of storage and shelf-life of the product under normal conditions of storage, as detailed in the section "General directions for use (trained professionals)", are implemented.
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**4.5 Use description**

**Use 5 - Mice and 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>	Scientific name: Mus musculus Common name: House mouse Development stage: juveniles to adults  Scientific name: Rattus norvegicus Common name: brown rat Development stage: juveniles to adults  Scientific name: Rattus rattus Common name: roof rat Development stage: juveniles to adults
<b>Field(s) of use</b>	Outdoor  outdoor and around buildings
<b>Application method(s)</b>	Method: Bait application Detailed description: Ready-to-use bait to be used in tamper-resistant bait stations or covered and protected

baiting points as long as they provide the same level of protection for non-target species and humans as tamper-resistant bait stations.

## Application rate(s) and frequencies

Application Rate: Bait products Rats - High infestation: 100 g of bait per baiting point. - Low infestation: 60 g of bait per baiting point. Mice - 40 g of bait per baiting point.  
Dilution (%): 0  
Number and timing of application:  
Bait products  
*Rats*  
- High infestation: 100 g of bait per baiting point.  
- Low infestation: 60 g of bait per baiting point.  
*Mice*  
- 40 g of bait per baiting point.

## Category(ies) of users

Trained professional

## Pack sizes and packaging material

Bait product of 20 gr units  
Minimum pack size of 2.5 kg up to 25 kg.  
Where applicable package is restricted to separately packed bags with a maximum bag size of 10 kg.  
Packaging material : plastic composite-triple layer (polyester/ pet MET/polyethylene)  
**Type of packaging**  
**Size/volume of the packaging**  
**Material of the packaging**  
**Type and material of closure(s)**  
**Intended user (e.g. professional, non-professional)**  
**Compatibility of the product with the proposed packaging materials (Yes/No)**  
Labelled or Printed Bag/Sack  
from 2.5 Kg - to 25 kg  
Plastic composite  
Prefabricated bags or serial production bags , both thermal welded  
trained professional  
Yes  
Labelled or Printed Bag/Sack - with Inner plastic liner  
from 2.5 Kg - to 10 kg - max size inner liner 10 Kg  
Plastic composite  
Prefabricated bags or serial production bags , both thermal welded  
trained professional  
Yes  
Labelled plastic (HDPE) bucket  
from 2.5 Kg -to 25 kg  
Labelled plastic (HDPE) bucket  
Rectangular or truncated cone bucket sealed  
trained professional  
Yes  
Labelled plastic (HDPE) bucket- with inner plastic liner  
from 2.5 - to 10 kg - max size inner liner 10 Kg  
Labelled plastic (HDPE) bucket  
Rectangular or truncated cone bucket sealed  
trained professional  
Yes  
Labelled or Printed Carton sachet with plastic inner liner  
from 2.5 - to 10 kg single inner plastic bags of up to 10 Kg each  
Carton + Plastic composite  
Prefabricated bags or serial production bags , both thermal welded  
trained professional  
Yes  
Labelled or Printed Cardboard with inner plastic liner  
2.5 -10 kg single inner plastic bags of up to 10 Kg each

Carton + Plastic composite  
Prefabricated cardboard  
trained professional  
Yes

#### 4.5.1 Use-specific instructions for use

Remove the remaining product at the end of treatment period

for application in covered and protected bait points:

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

#### 4.5.2 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 [in accordance with the applicable code of good practice, if any].- 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 reinvansion.- 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 in pulsed baiting treatments.- do not apply this product directly in the burrows.

- do not use the product as permanent baits for the prevention of rodent infestation or monitoring 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 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.

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

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



shelf life 24 months.

Use specific conditions of storage and shelf-life of the product under normal conditions of storage are not necessary when conditions of storage and shelf-life of the product under normal conditions of storage, as detailed in the section "General directions for use (trained professionals)", are implemented.

## 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.
- 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.).
- 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).
- 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 (rubber) during product handling phase
- 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.
- 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

- Where possible, prior to the treatment inform any possible bystanders about the rodent control campaign
- 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").
- 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 unless authorised for permanent baiting treatments.
- 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.

### 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 a poison centre
  - Hazardous to wildlife.

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

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

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

Store in a dry, cool and well ventilated place. Keep the container closed and away from direct sunlight. Store in places prevented from the access of children, birds, pets and farm animals. Shelf life: 24 months

## 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.