

Summary of product characteristics for a biocidal product

Product name: BONIRAT PASTA FLUO-NP

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

PT14 - Rodenticides (Pest control)

PT14 - Rodenticides (Pest control)

PT14 - Rodenticides (Pest control)

PT14 - Rodenticides (Pest control)

PT14 - Rodenticides (Pest control)

PT14 - Rodenticides (Pest control)

Authorisation number: UK-2013-0722

R4BP 3 asset reference number: UK-0000277-0000

Table Of Contents

Administrative information	1
1.1. Trade names of the product	1
1.2. Authorisation holder	1
1.3. Manufacturer(s) of the biocidal products	1
1.4. Manufacturer(s) of the active substance(s)	2
2. Product composition and formulation	2
2.1. Qualitative and quantitative information on the composition of the biocidal product	2
2.2. Type of formulation	2
3. Hazard and precautionary statements	2
4. Authorised use(s)	3
4.1.1 Use-specific instructions for use	4
4.1.2 Use-specific risk mitigation measures	4
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	4
4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging	5
4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage	5
4.2.1 Use-specific instructions for use	6
4.2.2 Use-specific risk mitigation measures	6
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	6
4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging	7
4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage	7
4.3.1 Use-specific instructions for use	8
4.3.2 Use-specific risk mitigation measures	8
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	8
4.3.4 Where specific to the use, the instructions for safe disposal of the product and its packaging	8
4.3.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage	9
4.4.1 Use-specific instructions for use	10
4.4.2 Use-specific risk mitigation measures	10

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	10
4.4.4 Where specific to the use, the instructions for safe disposal of the product and its packaging	10
4.4.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage	10
4.5.1 Use-specific instructions for use	12
4.5.2 Use-specific risk mitigation measures	12
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	12
4.5.4 Where specific to the use, the instructions for safe disposal of the product and its packaging	12
4.5.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage	12
4.6.1 Use-specific instructions for use	14
4.6.2 Use-specific risk mitigation measures	14
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	14
4.6.4 Where specific to the use, the instructions for safe disposal of the product and its packaging	14
4.6.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage	15
4.7.1 Use-specific instructions for use	16
4.7.2 Use-specific risk mitigation measures	16
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	16
4.7.4 Where specific to the use, the instructions for safe disposal of the product and its packaging	16
4.7.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage	16
5. General directions for use	17
5.1. Instructions for use	17
5.2. Risk mitigation measures	19
5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment	19
5.4. Instructions for safe disposal of the product and its packaging	20
5.5. Conditions of storage and shelf-life of the product under normal conditions of storage	20
6. Other information	20

Administrative information

1.1. Trade names of the product

Bonirat Pasta Fluo-NP
DIFETEC P-29F
BONIRAT SENSITIVE PASTA FLUO-NP
ROMAX DP PASTA FLUO

1.2. Authorisation holder

Name and address of the authorisation holder	Name	ZAPI S.p.A.
	Address	via Terza Strada 12 35026 Conselve Italy
Authorisation number		UK-2013-0722
R4BP 3 asset reference number		UK-0000277-0000
Date of the authorisation		22/02/2013
Expiry date of the authorisation		14/03/2023

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	ZAPI S.p.A.
Address of the manufacturer	Via Terza Strada 12 35026 Conselve Italy
Location of manufacturing sites	Via Terza Strada 12 35026 Conselve Italy

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

Active substance	26 - Difenacoum
Name of the manufacturer	PM Tezza S.r.l.
Address of the manufacturer	Viale del Lavoro 326 37050 Angiari (VR) Italy
Location of manufacturing sites	Via Tre Ponti 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 (%)
Difenacoum	3-(3-biphenyl-4-yl-1,2,3,4-tetrahydro-1-naphthyl)-4-hydroxycoumarin	Active Substance	56073-07-5	259-978-4	0.0029

2.2. Type of formulation

PA - Paste

3. Hazard and precautionary statements

Hazard statements	May cause damage to organs blood through prolonged or repeated exposure .
Precautionary statements	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do no eat, drink or smoke when using this product. Wear protective gloves. IF exposed or concerned: Get medical advice. Get medical advice if you feel unwell.

Store locked up.

Dispose of contents to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste..

4. Authorised use(s)

4.1 Use description

Use 1 - Use 1 –House mice and rats – Professional users with demonstrated competence (equivalent to trained professionals) – indoor

Product type

PT14 - Rodenticides (Pest control)

Where relevant, an exact description of the authorised use

Not relevant for rodenticides

Target organism(s) (including development stage)

Mus musculus-House mouse-all

Rattus norvegicus-Brown rat-all

Field(s) of use

Indoor

Indoor

Application method(s)

Bait application -

Bait formulations:

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

- Covered and protected baiting points

Application rate(s) and frequencies

Mice - up to 50 g of bait per baiting point ever 2-5 metres, Rats - up to 100 g of bait per baiting point every 5-10 metres - -

Bait products:

Mice

High infestation – Up to 50g of bait per baiting point every 2 metres

Low infestation – Up to 50g of bait per baiting point every 5 metres

Rats

High infestation – Up to 100g of bait per baiting point every 5 metres

Low infestation – Up to 100g of bait per baiting point every 10 metres

Category(ies) of users

Trained professional

Pack sizes and packaging material

Labelled plastic (PP) bucket with inner PE liner (10 / 15 g tea-bag filter paper sachets) – 3 kg to 15 kg
Labelled fibre-board carton with inner PE liner (10 / 15 g tea-bag filter paper sachets) – 3 kg to 15 kg
Labelled plastic (PET) tub with printed peel-off covering of 50 g for mice – 3 kg to 15 kg
Labelled plastic (PET) tub with printed peel-off covering of 100 g for rats – 3 kg to 15 kg
Labelled plastic (PET) tub with printed peel-off covering of 50 g in cardboard box for mice – 3 kg to 15 kg
Labelled plastic (PET) tub with printed peel-off covering of 100 g in cardboard box for rats – 3 kg to 15 kg
Printed plastic (HDPE) tube (for use with caulking gun) of 600 g in labelled cardboard box or in labelled plastic (PP) bucket – 3 kg to 15 kg
Printed plastic (PE) bag (10 / 15 g tea-bag filter paper sachets) – 3 kg to 15 kg

4.1.1 Use-specific instructions for use

- Remove the remaining product at the end of treatment period.
- Where possible, it is recommended that the treated area is revisited every 4 weeks at the latest in order to avoid any selection of a resistant population.
- [Not relevant in UK] Follow any additional instructions provided by the relevant code of best practice.

4.1.2 Use-specific risk mitigation measures

- Where possible, prior to the treatment inform any possible bystanders (e.g. users of the treated area and their surroundings) about the rodent control campaign.
- Consider preventive control measures (e.g. plug holes, remove potential food and drinking as far as possible) to improve product intake and reduce the likelihood of reinvasion.
- To reduce risk of secondary poisoning, search for and remove dead rodents during treatment at frequent intervals, in line with the recommendations provided by the relevant code of best practice.
- Permanent baiting is strictly limited to sites with a high potential for reinvasion when other methods of control have proven insufficient.
- The permanent baiting strategy shall be periodically reviewed in the context of integrated pest management (IPM) and the assessment of the risk for re-infestation.
- Do not use this product in pulsed baiting treatments.

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

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

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

See section 5.4

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

See section 5.5

4.2 Use description

Use 2 - Use 2 – House mice and rats – Professional users with demonstrated competence (equivalent to 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)	Mus musculus-House mouse-all Rattus norvegicus-Brown rat-all
Field(s) of use	Outdoor Outdoor - around buildings
Application method(s)	Bait application - Bait formulations: - Ready-to-use bait to be used in tamper-resistant bait stations - Covered and protected baiting points
Application rate(s) and frequencies	Mice - up to 50 g of bait per baiting point ever 2-5 metres, Rats - up to 100 g of bait per baiting point every 5-10 metres - - Bait products: Mice High infestation – Up to 50g of bait per baiting point every 2 metres Low infestation – Up to 50g of bait per baiting point every 5 metres Rats High infestation – Up to 100g of bait per baiting point every 5 metres Low infestation – Up to 100g of bait per baiting point every 10 metres

Category(ies) of users

Trained professional

Pack sizes and packaging material

Labelled plastic (PP) bucket with inner PE liner (10 / 15 g tea-bag filter paper sachets) – 3 kg to 15 kg
Labelled fibre-board carton with inner PE liner (10 / 15 g tea-bag filter paper sachets) – 3 kg to 15 kg
Labelled plastic (PET) tub with printed peel-off covering of 50 g for mice – 3 kg to 15 kg
Labelled plastic (PET) tub with printed peel-off covering of 100 g for rats – 3 kg to 15 kg
Labelled plastic (PET) tub with printed peel-off covering of 50 g in cardboard box for mice – 3 kg to 15 kg
Labelled plastic (PET) tub with printed peel-off covering of 100 g in cardboard box for rats – 3 kg to 15 kg
Printed plastic (HDPE) tube (for use with caulking gun) of 600 g in labelled cardboard box or in labelled plastic (PP) bucket – 3 kg to 15 kg
Printed plastic (PE) bag (10 / 15 g tea-bag filter paper sachets) – 3 kg to 15 kg

4.2.1 Use-specific instructions for use

- Protect bait from the atmospheric conditions. Place the baiting points in areas non-labile to flooding.
- Replace any bait in baiting points in which bait has been damaged by water or contaminated by dirt.
- Remove the remaining product at the end of treatment period.
- Where possible, it is recommended that the treated area is revisited every 4 weeks at the latest in order to avoid any selection of a resistant population.
- [Not relevant in UK] Follow any additional instructions provided by the relevant code of best practice.
- For outdoor use, baiting points must be covered and placed in strategic sites to minimise the exposure to non-target species.

4.2.2 Use-specific risk mitigation measures

- Where possible, prior to the treatment inform any possible bystanders (e.g. users of the treated area and their surroundings) about the rodent control campaign.
- Consider preventive control measures (plug holes, remove potential food and drinking as far as possible) to improve product intake and reduce the likelihood of reinvasion.
- To reduce risk of secondary poisoning, search for and remove dead rodents during treatment at frequent intervals, in line with the recommendations provided by the relevant code of best practice.
- Permanent baiting is strictly limited to sites with a high potential for reinvasion when other methods of control have proven insufficient.
- The permanent baiting strategy shall be periodically reviewed in the context of integrated pest management (IPM) and the assessment of the risk for re-infestation.
- Do not use this product in pulsed baiting treatments.
- Do not apply this product directly in the burrows.

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

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

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

See section 5.4

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

See section 5.5

4.3 Use description

Use 3 - Use 3 – House mice – general public – indoor

Product type

PT14 - Rodenticides (Pest control)

Where relevant, an exact description of the authorised use

Not relevant for rodenticides

Target organism(s) (including development stage)

Mus musculus-House mouse-all

Field(s) of use

Indoor

Indoor

Application method(s)

Bait application -

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

Application rate(s) and frequencies

Up to 50 g of bait per baiting point every 2-5 metres - -

Bait products:

Mice

	<p>High infestation – Up to 50g of bait per baiting point every 2 metres</p> <p>Low infestation – Up to 50g of bait per baiting point every 5 metres</p>
Category(ies) of users	General public (non-professional)
Pack sizes and packaging material	<p>Labelled pre-dosed tamper resistant PP bait station (10 / 15 g tea-bag filter paper sachets) - Up to 50 g</p> <p>Labelled child-resistant plastic (PP, PE, HDPE) pot (10 / 15 g tea-bag filter paper sachets) - Up to 50 g</p> <p>Printed fibre box with re-closing system and inner neutral plastic (PE) bag (10 / 15 g tea-bag filter paper sachets) - Up to 50 g</p> <p>Labelled plastic (PP) bucket with re-closing system and inner neutral plastic (PE) bag (10 / 15 g tea-bag filter paper sachets) - Up to 50 g</p> <p>Labelled plastic (PET) tub with printed peel-off covering - Up to 50 g</p> <p>Labelled plastic (PET) tub with printed peel-off covering in cardboard box - Up to 50 g</p> <p>Printed plastic (PE) bag (10 / 15g tea-bag filter paper sachets) for mice - Up to 50 g</p>

4.3.1 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.

4.3.2 Use-specific risk mitigation measures

See section 5.2

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

See section 5.3

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

See section 5.4

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

See section 5.5

4.4 Use description

Use 4 - Use 4 - Rats – general public – indoor

Product type	PT14 - Rodenticides (Pest control)
Where relevant, an exact description of the authorised use	Not relevant for rodenticides
Target organism(s) (including development stage)	Rattus norvegicus-Brown rat-all
Field(s) of use	Indoor Indoor
Application method(s)	Bait application - Ready-to-use bait to be used in tamper-resistant bait stations.
Application rate(s) and frequencies	Up to 100 g of bait per baiting point every 5-10 metres - - Bait products: Rats High infestation – Up to 100g of bait per baiting point every 5 metres Low infestation – Up to 100g of bait per baiting point every 10 metres

Category(ies) of users

General public (non-professional)

Pack sizes and packaging material

Labelled pre-dosed tamper resistant PP bait station (10 / 15 g tea-bag filter paper sachets) - Up to 100 g
Labelled child-resistant plastic (PP, PE, HDPE) pot (10 / 15 g tea-bag filter paper sachets) - Up to 100 g
Printed fibre box with re-closing system and inner neutral plastic (PE) bag (10 / 15 g tea-bag filter paper sachets) - Up to 100 g
Labelled plastic (PP) bucket with re-closing system and inner neutral plastic (PE) bag (10 / 15 g tea-bag filter paper sachets) - Up to 100 g
Labelled plastic (PET) tub with printed peel-off covering - Up to 100g
Labelled plastic (PET) tub with printed peel-off covering in cardboard box - Up to 100g
Printed plastic (PE) bag (10 / 15g tea-bag filter paper sachets) for mice and rats - Up to 150 g

4.4.1 Use-specific instructions for use

- The bait stations should be visited only 5 to 7 days after the beginning of the treatment and at least weekly afterwards, in order to check whether the bait is accepted, the bait stations are intact and to remove rodent bodies. Re-fill bait when necessary.

4.4.2 Use-specific risk mitigation measures

See section 5.2

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

See section 5.3

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

See section 5.4

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

See section 5.5

4.5 Use description

Use 5 - Use 5 - 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)

Rattus norvegicus-Brown rat-all

Field(s) of use

Outdoor

Outdoor - around buildings

Application method(s)

Bait application -

Bait formulations:

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

- Covered and protected baiting points

Application rate(s) and frequencies

Up to 100 g bait in bait stations every 5-10 metres - -

Bait products:

Rats

High infestation – Up to 100g bait in bait stations every 5 metres

Low infestation – Up to 100g bait in bait stations every 10 metres

Category(ies) of users

General public (non-professional)

Pack sizes and packaging material

Labelled pre-dosed tamper resistant PP bait station (10 / 15 g tea-bag filter paper sachets) - Up to 100 g
Labelled child-resistant plastic (PP, PE, HDPE) pot (10 / 15 g tea-bag filter paper sachets) - Up to 100 g
Printed fibre box with re-closing system and inner neutral plastic (PE) bag (10 / 15 g tea-bag filter paper sachets) - Up to 100 g
Labelled plastic (PP) bucket with re-closing system and inner neutral plastic (PE) bag (10 / 15 g tea-bag filter paper sachets) - Up to 100 g
Labelled plastic (PET) tub with printed peel-off covering - Up to 100g
Labelled plastic (PET) tub with printed peel-off covering in cardboard box - Up to 100g
Printed plastic (PE) bag (10 / 15g tea-bag filter paper sachets) for rats - Up to 150 g

4.5.1 Use-specific instructions for use

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

4.5.2 Use-specific risk mitigation measures

See section 5.2

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

See section 5.3

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

See section 5.4

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

See section 5.5

4.6 Use description

Use 6 - Use 6 – House mice and rats – Professional users – indoor – NOT RELEVANT IN UK

Product type	PT14 - Rodenticides (Pest control)
Where relevant, an exact description of the authorised use	Not relevant for rodenticides
Target organism(s) (including development stage)	Mus musculus-House mouse-all Rattus norvegicus-Brown rat-all
Field(s) of use	Indoor Indoor
Application method(s)	Bait application - Ready-to-use bait to be used in tamper-resistant bait stations
Application rate(s) and frequencies	Mice - up to 50 g of bait per baiting point ever 2-5 metres, Rats - up to 100 g of bait per baiting point every 5-10 metres - - Bait products: Mice High infestation – Up to 50g of bait per baiting point every 2 metres Low infestation – Up to 50g of bait per baiting point every 5 metres Rats High infestation – Up to 100g of bait per baiting point every 5 metres Low infestation – Up to 100g of bait per baiting point every 10 metres

Category(ies) of users

Professional

Pack sizes and packaging material

Labelled plastic (PP) bucket with inner PE liner (10 / 15 g tea-bag filter paper sachets) – 3 kg to 15 kg
Labelled fibre-board carton with inner PE liner (10 / 15 g tea-bag filter paper sachets) – 3 kg to 15 kg
Labelled plastic (PET) tub with printed peel-off covering of 50 g for mice – 3 kg to 15 kg
Labelled plastic (PET) tub with printed peel-off covering of 100 g for rats – 3 kg to 15 kg
Labelled plastic (PET) tub with printed peel-off covering of 50 g in cardboard box for mice – 3 kg to 15 kg
Labelled plastic (PET) tub with printed peel-off covering of 100 g in cardboard box for rats – 3 kg to 15 kg
Printed plastic (HDPE) tube (for use with caulking gun) of 600 g in labelled cardboard box or in labelled plastic (PP) bucket – 3 kg to 15 kg
Printed plastic (PE) bag (10 / 15 g tea-bag filter paper sachets) – 3 kg to 15 kg

4.6.1 Use-specific instructions for use

- For mice: The baiting stations should be visited at least every 2 to 3 days at the beginning of the treatment and at least weekly afterwards, in order to check whether the bait is accepted, the bait stations are intact and to remove rodent bodies. Re-fill bait when necessary.
- For rats: The bait stations should be visited only 5 to 7 days after the beginning of the treatment and at least weekly afterwards, in order to check whether the bait is accepted, the bait stations are intact and to remove rodent bodies. Re-fill bait when necessary.
- [When available] Follow any additional instructions provided by the relevant code of best practice.

4.6.2 Use-specific risk mitigation measures

See section 5.2

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 points 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

See section 5.4

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

See section 5.5

4.7 Use description

Use 7 - Use 7 – House mice and rats – Professional users – outdoor around buildings – NOT RELEVANT IN UK

Product type

PT14 - Rodenticides (Pest control)

Where relevant, an exact description of the authorised use

Not relevant for rodenticides

Target organism(s) (including development stage)

Mus musculus-House mouse-all
Rattus norvegicus-Brown rat-all

Field(s) of use

Outdoor
Outdoor - around buildings

Application method(s)

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

Application rate(s) and frequencies

Mice - up to 50 g of bait per baiting point ever 2-5 metres, Rats - up to 100 g of bait per baiting point every 5-10 metres - -

Bait products:

Mice
High infestation – Up to 50g of bait per baiting point every 2 metres
Low infestation – Up to 50g of bait per baiting point every 5 metres

Rats
High infestation – Up to 100g of bait per baiting point every 5 metres
Low infestation – Up to 100g of bait per baiting point every 10 metres

Category(ies) of users

Professional

Pack sizes and packaging material

Labelled plastic (PP) bucket with inner PE liner (10 / 15 g tea-bag filter paper sachets) – 3 kg to 15 kg
Labelled fibre-board carton with inner PE liner (10 / 15 g tea-bag filter paper sachets) – 3 kg to 15 kg
Labelled plastic (PET) tub with printed peel-off covering of 50 g for mice – 3 kg to 15 kg
Labelled plastic (PET) tub with printed peel-off covering of 100 g for rats – 3 kg to 15 kg
Labelled plastic (PET) tub with printed peel-off covering of 50 g in cardboard box for mice – 3 kg to 15 kg
Labelled plastic (PET) tub with printed peel-off covering of 100 g in cardboard box for rats – 3 kg to 15 kg
Printed plastic (HDPE) tube (for use with caulking gun) of 600 g in labelled cardboard box or in labelled plastic (PP) bucket – 3 kg to 15 kg
Printed plastic (PE) bag (10 / 15 g tea-bag filter paper sachets) – 3 kg to 15 kg

4.7.1 Use-specific instructions for use

- Protect bait from the atmospheric conditions (e.g. rain, snow, etc.). Place the bait stations in areas non-labile to flooding.
- For mice: The baiting stations should be visited at least every 2 to 3 days at the beginning of the treatment and at least weekly afterwards, in order to check whether the bait is accepted, the bait stations are intact and to remove rodent bodies. Re-fill bait when necessary.
- For rats: The bait stations should be visited only 5 to 7 days after the beginning of the treatment and at least weekly afterwards, in order to check whether the bait is accepted, the bait stations are intact and to remove rodent bodies. Re-fill bait when necessary.
- Replace any bait in a bait station in which bait has been damaged by water or contaminated by dirt.
- [When available] Follow any additional instructions provided by the relevant code of best practice.

4.7.2 Use-specific risk mitigation measures

- Do not apply this product directly in the burrows.

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 surface waters (e.g. rivers, ponds, water channels, dykes, irrigation ditches) or 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

See section 5.4

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

See section 5.5

5. General directions for use

5.1. Instructions for use

Professional users with demonstrated competence (equivalent to trained professionals)

- Read and follow the product information as well as any information accompanying the product or provided at the point of sale before using it.
- Carry out a pre-baiting survey of the infested area and an on-site assessment in order to identify the rodent species, their places of activity and determine the likely cause and the extent of the infestation.
- Remove food which is readily attainable for rodents (e.g. spilled grain or food waste). Apart from this, do not clean up the infested area just before the treatment, as this only disturbs the rodent population and makes bait acceptance more difficult to achieve.
- The product should only be used as part of an integrated pest management (IPM) system, including, amongst others, hygiene measures and, where possible, physical methods of control.
- The product should be placed in the immediate vicinity of places where rodent activity has been previously explored (e.g. travel paths, nesting sites, feedlots, holes, burrows etc.).
- Where possible, bait stations must be fixed to the ground or other structures.
- Bait stations must be clearly labelled to show they contain rodenticides and that they must not be moved or opened (see section 2.5.3 for the information to be shown on the label).
- [Not relevant in UK] When the product is being used in public areas, the areas treated should be marked during the treatment period and a notice explaining the risk of primary or secondary poisoning by the anticoagulant as well as indicating the first measures to be taken in case of poisoning must be made available alongside the baits.
- Bait should be secured so that it cannot be dragged away from the bait station.
- Place the product out of the reach of children, birds, pets and farm animals and other non-target animals.
- Place the product away from food, drink and animal feeding stuffs, as well as from utensils or surfaces that have contact with these.
- Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).
- When using the product do not eat, drink or smoke. Wash hands and directly exposed skin after using the product.
- 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.
- For non-emptiable sachets - Do not open the sachets containing the bait.
- Use a spatula for post-application (cleaning/disposal) of bait.

General public

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

Professional users - NOT RELEVANT IN UK

- Read and follow the product information as well as any information accompanying the product or provided at the point of sale before using it.
- Carry out a pre-baiting survey of the infested area and an on-site assessment in order to identify the rodent species, their places of activity and determine the likely cause and the extent of the infestation.
- Remove food which is readily attainable for rodents (e.g. spilled grain or food waste). Apart from this, do not clean up the infested area just before the treatment, as this only disturbs the rodent population and makes bait acceptance more difficult to achieve.
- The product should only be used as part of an integrated pest management (IPM) system, including, amongst others, hygiene measures and, where possible, physical methods of control.
- Consider preventive control measures (e.g. plug holes, remove potential food and drinking as far as possible) to improve product intake and reduce the likelihood of reinvasion.
- Bait stations should be placed in the immediate vicinity of places where rodent activity has been previously observed (e.g. travel paths, nesting sites, feedlots, holes, burrows etc.).
- Where possible, bait stations must be fixed to the ground or other structures.
- Bait stations must be clearly labelled to show they contain rodenticides and that they must not be moved or opened (see section 2.5.3 for the information to be shown on the label).
- [If national policy or legislation require it] When the product is being used in public areas, the areas treated should be marked during the treatment period and a notice explaining the risk of primary or secondary poisoning by the anticoagulant as well as indicating the first measures to be taken in case of poisoning must be made available alongside the baits.
- Bait should be secured so that it cannot be dragged away from the bait station.
- Place the product out of the reach of children, birds, pets and farm animals and other non-target animals.
- Place the product away from food, drink and animal feeding stuffs, as well as from utensils or surfaces that have contact with these.

- Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).
- When using the product do not eat, drink or smoke. Wash hands and directly exposed skin after using the product.
- If bait uptake is low relative to the apparent size of the infestation, consider the replacement of bait points to further places and the possibility to change to another bait formulation.
- If after a treatment period of 35 days baits are continued to be consumed and no decline in rodent activity can be observed, the likely cause has to be determined. Where other elements have been excluded, it is likely that there are resistant rodent so consider the use of a non-anticoagulant rodenticide, where available, or a more potent anticoagulant rodenticide. Also consider the use of traps as an alternative control measure.
- Remove the remaining bait or the bait stations at the end of the treatment period.
- For non-emptiable sachets - Do not open the sachets containing the bait.
- Use a spatula for post-application (cleaning/disposal) of bait.

5.2. Risk mitigation measures

Professional users with demonstrated competence (equivalent to trained professionals)

- Where possible, prior to the treatment inform any possible bystanders about the rodent control campaign.
 - [Not relevant in UK] 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 permanent baiting).
 - 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
- UK only: In the UK poisoned rodents may be disposed of by the waste producer at an incinerator or landfill permitted to accept that type of waste, or collected by a registered waste carrier and taken for disposal at a suitably permitted site. For further information on disposal contact the Environment Agency (<http://www.environment-agency.gov.uk>) or SEPA (<http://www.sepa.org.uk>).
- UK only: To be used only by professional users holding certification demonstrating compliance with UK rodenticide stewardship regime requirements.
- UK only: Read the label before use. Using this product in a manner that is inconsistent with the label may be an offence. Refer to the CRRU UK Code of Best Practice (or equivalent) for guidance.
- UK only: When this product is supplied to a user for the control of rodents, it shall only be supplied to a professional user holding certification demonstrating compliance with UK rodenticide stewardship regime requirements.

General public

- Consider preventive control measures (plug holes, remove potential food and drinking as far as possible) to improve product intake and reduce the likelihood of reinvasion.
 - Do not use anticoagulant rodenticides as permanent baits (e.g. for prevention of rodent infestation or to detect rodent activity).
 - Using this product should eliminate rodents within 35 days. The product information (i.e. label and/or leaflet) shall clearly recommend that in case of suspected lack of efficacy by the end of the treatment (i.e. rodent activity is still observed), the user should seek advice from the product supplier or call a pest control service.
 - Search for and remove dead rodents during treatment, at least as often as baiting stations are inspected.
 - Dispose dead rodents in accordance with local requirements.
- UK only: In the UK, poisoned rodents should be double-bagged using plastic bags and either disposed of in a household waste bin with a secure lid to prevent access of wildlife or pets or collected by a specialist waste contractor or the local authority.

Professional users – NOT RELEVANT IN UK

- Where possible, prior to the treatment inform any possible bystanders about the rodent control campaign.
- To reduce risk of secondary poisoning, search for and remove dead rodents at frequent intervals during treatment (e.g. at least twice a week).
- Products shall not be used beyond 35 days without an evaluation of the state of the infestation and of the efficacy of the treatment.
- Do not use baits containing anticoagulant active substances as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.
- The product information (i.e. label and/or leaflet) shall clearly show that the product shall not be supplied to the general public (e.g. "for professionals only").
- Using this product should eliminate rodents within 35 days. The product information (i.e. label and/or leaflet) shall clearly recommend that in case of suspected lack of efficacy by the end of the treatment (i.e. rodent activity is still observed) the user should seek advice from the product supplier or call a pest control service.
- Do not wash the bait stations with water between applications.
- Dispose dead rodents in accordance with local requirements.

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

- This product contains an anticoagulant substance. If ingested, symptoms, which may be delayed, may include nosebleed and bleeding gums. In severe cases, there may be bruising and blood present in the faeces or urine.
- Antidote: Vitamin K1 administered by medical/veterinary personnel only.
- In case of:
- Dermal exposure, wash skin with water and then with water and soap.
- Eye exposure, rinse eyes with eyes-rinse liquid or water, keep eyes lids open at least 10 minutes.
- Oral exposure, rinse mouth carefully with water. Never give anything by mouth to unconscious person. Do not provoke vomiting. If swallowed, seek medical advice immediately and show the product's container or label.
UK only: UK medical professionals should contact the National Poisons Information Service (www.npis.org) for further advice. Contact a veterinary surgeon in case of ingestion by a pet.
- Bait stations must be labelled with the following information: "do not move or open"; "contains a rodenticide"; "product name or authorisation number"; "active substance(s)" and "in case of accident, call a poison centre" [insert national phone number].
- Hazardous to wildlife.

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

Professional users with demonstrated competence (equivalent to trained professionals)
- At the end of the treatment, dispose uneaten bait and the packaging in accordance with local requirements. - Use of gloves is recommended.
UK only: For information on disposal in the UK contact the Environment Agency (<http://www.environment-agency.gov.uk>) or SEPA (<http://www.sepa.org.uk>).

General public

- At the end of the treatment, dispose uneaten bait and the packaging in accordance with local requirements.
UK only: In the UK waste bait should be double bagged in plastic bags and disposed of in a household waste bin with a secure lid to prevent access of wildlife or pets or taken to a civic amenity site. For information on civic amenity sites contact the local authority.

Professional users – NOT RELEVANT IN UK

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

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

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

6. Other information

- Because of their delayed mode of action, anticoagulant rodenticides take from 4 to 10 days to be effective after consumption of the bait.

- Rodents can be disease carriers. Do not touch dead rodents with bare hands, use gloves or use tools such as tongs when disposing them.

- This product contains a bittering agent and a dye.