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ANNEX

SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT

BRODITEC P-29F

Product type(s)

PT14: Rodenticides

Authorisation number: FR-2017-0106

R4BP asset number: FR-0017115-0000

1. ADMINISTRATIVE INFORMATION

1.1. Trade name(s) of the product

Trade name(s)	BRODITEC P-29F BRODITOP NEXT PÂTE FRAICHE FLUO-NP BRODITOP NEXT PÂTE FRAICHE PLUS FLUO-NP BRODITOP SENSITIVE PÂTE FRAICHE FLUO-NP BRODITOP SENSITIVE PÂTE FRAICHE PLUS FLUO-NP ZED BF SENSITIVE PÂTE FRAICHE FLUO-NP ZED BF SENSITIVE PÂTE FRAICHE PLUS FLUO-NP DEVILTOP SENSITIVE PÂTE FRAICHE FLUO DEVILTOP SENSITIVE PÂTE FRAICHE PLUS FLUO RODIBROD SENSITIVE PÂTE FRAICHE FLUO FLU'OPERATS PAT FLU'OPERATS PAT PRO ARSENAL PATE BRODIF RAPAX
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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		FR-2017-0106
<i>R4BP asset number</i>		FR-0017115-0000
Date of the authorisation		15/12/2017
Expiry date of the authorisation		31/12/2026

1.3. Manufacturer(s) of the product

Name of manufacturer	Zapi S.p.A.
Address of 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	Brodifacoum
Name of manufacturer	PM Tezza s.r.l.
Address of manufacturer	Via 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 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	0,0029

2.2. Type(s) of formulation

PA Paste

3. HAZARD AND PRECAUTIONARY STATEMENTS

Hazard statements	H373: May cause damage to organs (blood) through prolonged or repeated exposure ..
Precautionary statements	P314: Get medical advice if you feel unwell. P314: Get medical attention if you feel unwell. P501: Dispose of contents to in accordance with local regulation. P501: Dispose of container to in accordance with local regulation. P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P103: Read carefully and follow all instructions.

4. AUTHORISED USE(S)

4.1. Use description

Table 1. House mice and rats – Trained professionals – indoor

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Not relevant for rodenticides
Target organism(s) (including development stage)	Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: Adults and juveniles Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: Adults and juveniles
Field(s) of use	indoor use Indoor
Application method(s)	Method: Bait formulations: Detailed description: - Ready-to-use bait to be used in tamper-resistant bait stations - Covered and protected baiting points
Application rate(s) and frequency	Application rate: Bait products: Number and timing of application: Rats: - High infestation: Up to 100 g of bait per baiting point spaced 5m apart. - Low infestation: Up to 100 g of bait per baiting point spaced 10m apart. Mice: - High infestation: Up to 50 g of bait per baiting point spaced 2m apart. - Low infestation: Up to 50 g of bait per baiting point spaced 5m apart.
Category(ies) of users	trained professional
Pack sizes and packaging material	Labelled plastic (PP) bucket with/without inner PE liner (10/15 g tea-bag filter paper sachets) for mice – 3-15 kg Labelled plastic (PP) bucket with/without inner PE liner (10/15 g tea-bag filter paper sachets) for rats – 3-15 kg Labelled cardboard carton with inner PE liner (10/15 g tea-bag filter paper sachets) for mice – 3-15 kg Labelled cardboard carton with inner PE liner (10/15 g tea-bag filter paper sachets) for rats – 3-15 kg

Labelled/printed plastic (PE) bag for mice (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled/printed plastic (PE) bag for rats (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled/printed non-coated electrolytic tin plate metal can for mice (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled/printed non-coated electrolytic tin plate metal can for rats (10/15 g tea-bag filter paper sachets) – 3-15 kg

Printed cardboard box with inner neutral plastic (PE) bag (10/15 g tea-bag filter paper sachets) for mice – 3-15 kg

Printed cardboard box with inner neutral plastic (PE) bag (10/15 g tea-bag filter paper sachets) for rats – 3-15 kg

Labelled/printed plastic (PP, PE, HDPE) tank for mice (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled/printed plastic (PP, PE, HDPE) tank for rats (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled plastic (PP) bucket with inner plastic (PE) bags containing up to 1 kg of 10/15 g tea-bag filter paper sachets for mice – 3-10 kg

Labelled plastic (PP) bucket with inner plastic (PE) bags containing up to 1 kg of 10/15 g tea-bag filter paper sachets for rats – 3-10 kg

Printed cardboard box containing labelled pre-dosed tamper resistant PP bait stations each containing up to 50 g of 10/15 g tea-bag filter paper sachets for mice – 3-15 kg

Printed cardboard box containing labelled-pre-dosed tamper resistant PP bait stations each containing up to 100 g of 10/15 g tea-bag filter paper sachets for rats – 3-15 kg

Printed cardboard box containing plastic (PET) trays with printed peel-off PE covering each of 50 g for mice – 3-15 kg

Printed cardboard box containing plastic (PET) trays with printed peel-off PE covering each of 100 g for rats – 3-15 kg

Printed cardboard box containing labelled pre-dosed tamper resistant PP bait stations each with inner plastic (PET) tray (50 g) with peel-off PE covering for mice – 3-15 kg

Printed cardboard box containing labelled pre-dosed tamper resistant PP bait stations each with inner plastic (PET) tray (100 g) with peel-off PE covering for rats – 3-15 kg

Labelled/printed plastic (HDPE) tube (for use with caulking gun) of 600g in labelled cardboard box or in labelled plastic (PP) bucket – 3-15 kg

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4.1.1. Use-specific instructions

- Remove the remaining product at the end of treatment period.
- [When available] Follow any additional instructions provided by the relevant code of best practice.

4.1.2. Use-specific risk mitigation measures

4.1.3. Use-specific risk mitigation measures

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

4.1.4. 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.

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

See Section 5.4

4.1.6. 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

Table 2. House mice and rats – Trained professionals – outdoor around buildings

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Not relevant for rodenticides
Target organism(s) (including development stage)	Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: Adults and juveniles Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: Adults and juveniles
Field(s) of use	outdoor use Outdoor around buildings
Application method(s)	Method: Bait formulations: Detailed description: - Ready-to-use bait to be used in tamper-resistant bait stations - Covered and protected baiting points
Application rate(s) and frequency	Application rate: Bait products: Number and timing of application: Rats: - High infestation: Up to 100 g of bait per baiting point spaced 5m apart. - Low infestation: Up to 100 g of bait per baiting point spaced 10m apart. Mice: - High infestation: Up to 50 g of bait per baiting point spaced 2m apart. - Low infestation: Up to 50 g of bait per baiting point spaced 5m apart.
Category(ies) of users	trained professional
Pack sizes and packaging material	Labelled plastic (PP) bucket with/without inner PE liner (10/15 g tea-bag filter paper sachets) for mice – 3-15 kg Labelled plastic (PP) bucket with/without inner PE liner (10/15 g tea-bag filter paper sachets) for rats – 3-15 kg Labelled cardboard carton with inner PE liner (10/15 g tea-bag filter paper sachets) for mice – 3-15 kg

Labelled cardboard carton with inner PE liner (10/15 g tea-bag filter paper sachets) for rats – 3-15 kg

Labelled/printed plastic (PE) bag for mice (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled/printed plastic (PE) bag for rats (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled/printed non-coated electrolytic tin plate metal can for mice (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled/printed non-coated electrolytic tin plate metal can for rats (10/15 g tea-bag filter paper sachets) – 3-15 kg

Printed cardboard box with inner neutral plastic (PE) bag (10/15 g tea-bag filter paper sachets) for mice – 3-15 kg

Printed cardboard box with inner neutral plastic (PE) bag (10/15 g tea-bag filter paper sachets) for rats – 3-15 kg

Labelled/printed plastic (PP, PE, HDPE) tank for mice (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled/printed plastic (PP, PE, HDPE) tank for rats (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled plastic (PP) bucket with inner plastic (PE) bags containing up to 1 kg of 10/15 g tea-bag filter paper sachets for mice – 3-10 kg

Labelled plastic (PP) bucket with inner plastic (PE) bags containing up to 1 kg of 10/15 g tea-bag filter paper sachets for rats – 3-10 kg

Printed cardboard box containing labelled pre-dosed tamper resistant PP bait stations each containing up to 50 g of 10/15 g tea-bag filter paper sachets for mice – 3-15 kg

Printed cardboard box containing labelled-pre-dosed tamper resistant PP bait stations each containing up to 100 g of 10/15 g tea-bag filter paper sachets for rats – 3-15 kg

Printed cardboard box containing plastic (PET) trays with printed peel-off PE covering each of 50 g for mice – 3-15 kg

Printed cardboard box containing plastic (PET) trays with printed peel-off PE covering each of 100 g for rats – 3-15 kg

Printed cardboard box containing labelled pre-dosed tamper resistant PP bait stations each with inner plastic (PET) tray (50 g) with peel-off PE covering for mice – 3-15 kg

Printed cardboard box containing labelled pre-dosed tamper resistant PP bait stations each with inner plastic (PET) tray (100 g) with peel-off PE covering for rats – 3-15 kg

	Labelled/printed plastic (HDPE) tube (for use with caulking gun) of 600g in labelled cardboard box or in labelled plastic (PP) bucket – 3-15 kg
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4.2.1. Use-specific instructions

- 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.
- [When available] 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

4.2.3. Use-specific risk mitigation measures

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

4.2.4. 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.

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

See Section 5.4

4.2.6. 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

Table 3. House mice and rats – Professional users – indoor

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Not relevant for rodenticides
Target organism(s) (including development stage)	Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: Adults and juveniles Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: Adults and juveniles
Field(s) of use	indoor use Indoor
Application method(s)	Method: Bait formulations: Detailed description: - Ready-to-use bait to be used in tamper-resistant bait stations
Application rate(s) and frequency	Application rate: Bait products: Number and timing of application: Rats: - High infestation: Up to 100 g of bait per baiting point spaced 5m apart. - Low infestation: Up to 100 g of bait per baiting point spaced 10m apart. Mice: - High infestation: Up to 50 g of bait per baiting point spaced 2m apart. - Low infestation: Up to 50 g of bait per baiting point spaced 5m apart.
Category(ies) of users	professional
Pack sizes and packaging material	Labelled plastic (PP) bucket with/without inner PE liner (10/15 g tea-bag filter paper sachets) for mice – 3-15 kg Labelled plastic (PP) bucket with/without inner PE liner (10/15 g tea-bag filter paper sachets) for rats – 3-15 kg Labelled cardboard carton with inner PE liner (10/15 g tea-bag filter paper sachets) for mice – 3-15 kg

Labelled cardboard carton with inner PE liner (10/15 g tea-bag filter paper sachets) for rats – 3-15 kg

Labelled/printed plastic (PE) bag for mice (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled/printed plastic (PE) bag for rats (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled/printed non-coated electrolytic tin plate metal can for mice (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled/printed non-coated electrolytic tin plate metal can for rats (10/15 g tea-bag filter paper sachets) – 3-15 kg

Printed cardboard box with inner neutral plastic (PE) bag (10/15 g tea-bag filter paper sachets) for mice – 3-15 kg

Printed cardboard box with inner neutral plastic (PE) bag (10/15 g tea-bag filter paper sachets) for rats – 3-15 kg

Labelled/printed plastic (PP, PE, HDPE) tank for mice (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled/printed plastic (PP, PE, HDPE) tank for rats (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled plastic (PP) bucket with inner plastic (PE) bags containing up to 1 kg of 10/15 g tea-bag filter paper sachets for mice – 3-10 kg

Labelled plastic (PP) bucket with inner plastic (PE) bags containing up to 1 kg of 10/15 g tea-bag filter paper sachets for rats – 3-10 kg

Printed cardboard box containing labelled pre-dosed tamper resistant PP bait stations each containing up to 50 g of 10/15 g tea-bag filter paper sachets for mice – 3-15 kg

Printed cardboard box containing labelled-pre-dosed tamper resistant PP bait stations each containing up to 100 g of 10/15 g tea-bag filter paper sachets for rats – 3-15 kg

Printed cardboard box containing plastic (PET) trays with printed peel-off PE covering each of 50 g for mice – 3-15 kg

Printed cardboard box containing plastic (PET) trays with printed peel-off PE covering each of 100 g for rats – 3-15 kg

Printed cardboard box containing labelled pre-dosed tamper resistant PP bait stations each with inner plastic (PET) tray (50 g) with peel-off PE covering for mice – 3-15 kg

Printed cardboard box containing labelled pre-dosed tamper resistant PP bait stations each with inner plastic (PET) tray (100 g) with peel-off PE covering for rats – 3-15 kg

Labelled/printed plastic (HDPE) tube (for use with caulking gun) of 600g in labelled cardboard box or in labelled plastic (PP) bucket – 3-15 kg

4.3.1. Use-specific instructions

- 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.

4.3.2. Use-specific risk mitigation measures

4.3.3. Use-specific risk mitigation measures

See section 5.2

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

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

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

See Section 5.4

4.3.6. 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

Table 4. House mice and rats – Professional users – outdoor around buildings

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Not relevant for rodenticides
Target organism(s) (including development stage)	<p>Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: Adults and juveniles</p> <p>Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: Adults and juveniles</p>
Field(s) of use	<p>outdoor use</p> <p>Outdoor around buildings</p>
Application method(s)	<p>Method: Bait formulations:</p> <p>Detailed description: - Ready-to-use bait to be used in tamper-resistant bait stations</p>
Application rate(s) and frequency	<p>Application rate: Bait products:</p> <p>Number and timing of application:</p> <p>Rats:</p> <ul style="list-style-type: none"> - High infestation: Up to 100 g of bait per baiting point spaced 5m apart. - Low infestation: Up to 100 g of bait per baiting point spaced 10m apart. <p>Mice:</p> <ul style="list-style-type: none"> - High infestation: Up to 50 g of bait per baiting point spaced 2m apart. - Low infestation: Up to 50 g of bait per baiting point spaced 5m apart.
Category(ies) of users	professional
Pack sizes and packaging material	<p>Labelled plastic (PP) bucket with/without inner PE liner (10/15 g tea-bag filter paper sachets) for mice – 3-15 kg</p> <p>Labelled plastic (PP) bucket with/without inner PE liner (10/15 g tea-bag filter paper sachets) for rats – 3-15 kg</p> <p>Labelled cardboard carton with inner PE liner (10/15 g tea-bag filter paper sachets) for mice – 3-15 kg</p>

Labelled cardboard carton with inner PE liner (10/15 g tea-bag filter paper sachets) for rats – 3-15 kg

Labelled/printed plastic (PE) bag for mice (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled/printed plastic (PE) bag for rats (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled/printed non-coated electrolytic tin plate metal can for mice (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled/printed non-coated electrolytic tin plate metal can for rats (10/15 g tea-bag filter paper sachets) – 3-15 kg

Printed cardboard box with inner neutral plastic (PE) bag (10/15 g tea-bag filter paper sachets) for mice – 3-15 kg

Printed cardboard box with inner neutral plastic (PE) bag (10/15 g tea-bag filter paper sachets) for rats – 3-15 kg

Labelled/printed plastic (PP, PE, HDPE) tank for mice (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled/printed plastic (PP, PE, HDPE) tank for rats (10/15 g tea-bag filter paper sachets) – 3-15 kg

Labelled plastic (PP) bucket with inner plastic (PE) bags containing up to 1 kg of 10/15 g tea-bag filter paper sachets for mice – 3-10 kg

Labelled plastic (PP) bucket with inner plastic (PE) bags containing up to 1 kg of 10/15 g tea-bag filter paper sachets for rats – 3-10 kg

Printed cardboard box containing labelled pre-dosed tamper resistant PP bait stations each containing up to 50 g of 10/15 g tea-bag filter paper sachets for mice – 3-15 kg

Printed cardboard box containing labelled-pre-dosed tamper resistant PP bait stations each containing up to 100 g of 10/15 g tea-bag filter paper sachets for rats – 3-15 kg

Printed cardboard box containing plastic (PET) trays with printed peel-off PE covering each of 50 g for mice – 3-15 kg

Printed cardboard box containing plastic (PET) trays with printed peel-off PE covering each of 100 g for rats – 3-15 kg

Printed cardboard box containing labelled pre-dosed tamper resistant PP bait stations each with inner plastic (PET) tray (50 g) with peel-off PE covering for mice – 3-15 kg

Printed cardboard box containing labelled pre-dosed tamper resistant PP bait stations each with inner plastic (PET) tray (100 g) with peel-off PE covering for rats – 3-15 kg

Labelled/printed plastic (HDPE) tube (for use with caulking gun) of 600g in labelled cardboard box or in labelled plastic (PP) bucket – 3-15 kg

4.4.1. Use-specific instructions

- 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.

4.4.2. Use-specific risk mitigation measures

4.4.3. Use-specific risk mitigation measures

- Do not apply this product directly in the burrows.

4.4.4. 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.

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

See Section 5.4

4.4.6. 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

Table 5. House mice – general public – indoor

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Not relevant for rodenticides
Target organism(s) (including development stage)	Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: Adults and juveniles
Field(s) of use	indoor use Indoor
Application method(s)	Method: - Detailed description: Ready-to-use bait to be used in tamper-resistant bait stations
Application rate(s) and frequency	Application rate: Bait products: Number and timing of application: Mice: - High infestation: Up to 50 g of bait per baiting point spaced 2m apart. - Low infestation: Up to 50 g of bait per baiting point spaced 5m apart.
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 50 g Printed cardboard box containing 1 labelled pre-dosed tamper resistant PP bait station (10/15 g tea-bag filter paper sachets) – Up to 50 g Labelled/printed plastic (PP, PE, HDPE) pot (10/15 g tea-bag filter paper sachets) – Up to 50 g Labelled/printed plastic (PP, PE, HDPE) tank (10/15 g tea-bag filter paper sachets) – Up to 50 g Printed cardboard box with inner neutral plastic (PE) bag (10/15 g tea-bag filter paper sachets) – Up to 50 g

	<p>Labelled plastic (PP) bucket with/without inner neutral plastic (PE) bag (10/15 g tea-bag filter paper sachets) – Up to 50 g</p> <p>Labelled plastic (PET) tray (50 g) with printed peel-off PE covering – Up to 50 g</p> <p>Printed cardboard box with 1 plastic (PET) tray (50 g) with printed peel-off PE covering – Up to 50 g</p> <p>Printed cardboard box containing one labelled pre-dosed tamper resistant PP bait station with inner plastic (PET) tray (50 g) with peel-off PE covering – Up to 50 g</p> <p>Labelled/printed non-coated electrolytic tin plate metal can (10/15 g tea-bag filter paper sachets) – Up to 50 g</p> <p>Labelled/printed plastic (PE) bag (10/15 g tea-bag filter paper sachets) – Up to 50 g</p>
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4.5.1. Use-specific instructions

- 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.

4.5.2. Use-specific risk mitigation measures

4.5.3. Use-specific risk mitigation measures

See section 5.2

4.5.4. 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

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

See section 5.4 General public

4.5.6. 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

Table 6. Rats – general public – indoor

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Not relevant for rodenticides
Target organism(s) (including development stage)	Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: Adults and juveniles
Field(s) of use	indoor use Indoor
Application method(s)	Method: - Detailed description: Ready-to-use bait to be used in tamper-resistant bait stations
Application rate(s) and frequency	Application rate: Bait products: Number and timing of application: Rats: - High infestation: Up to 90g (sachets) or 100 g (trays) of bait per baiting point spaced 5m apart. - Low infestation: Up to 90g (sachets) or 100 g (trays) of bait per baiting point spaced 10m apart.
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 Printed cardboard box containing 1 labelled pre-dosed tamper resistant PP bait station (10/15 g tea-bag filter paper sachets) – Up to 100 g Labelled/printed plastic (PP, PE, HDPE) pot (15 g tea-bag filter paper sachets) – Up to 150 g Labelled/printed plastic (PP, PE, HDPE) tank (15 g tea-bag filter paper sachets) – Up to 150 g Printed cardboard box with inner neutral plastic (PE) bag (15 g tea-bag filter paper sachets) – Up to 150 g Labelled plastic (PP) bucket with/without inner neutral plastic (PE) bag (15 g tea-bag filter paper sachets) – Up to 150 g Labelled plastic (PET) tray (50/100 g) with printed peel-off PE covering – Up to 100 g

	<p>Printed cardboard box with plastic (PET) tray(s) (50/100 g) with printed peel-off PE covering – Up to 100 g</p> <p>Printed cardboard box containing one labelled pre-dosed tamper resistant PP bait station with inner plastic (PET) tray(s) (50/100 g) up to 100 g with peel-off PE covering – Up to 100 g</p> <p>Labelled/printed non-coated electrolytic tin plate metal can (15 g tea-bag filter paper sachets) – Up to 150 g</p> <p>Labelled/printed plastic (PE) bag (15 g tea-bag filter paper sachets) – Up to 150 g</p>
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4.6.1. Use-specific instructions

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

4.6.2. Use-specific risk mitigation measures

4.6.3. Use-specific risk mitigation measures

See section 5.2

4.6.4. 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

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

See section 5.4

4.6.6. 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

Table 7. Rats – general public – outdoor around buildings

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Not relevant for rodenticides
Target organism(s) (including development stage)	Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: Adults and juveniles
Field(s) of use	outdoor use Outdoor around buildings
Application method(s)	Method: Bait formulations: Detailed description: - Ready-to-use bait to be used in tamper-resistant bait stations
Application rate(s) and frequency	Application rate: Bait products: Number and timing of application: Rats: - High infestation: Up to 90g (sachets) or 100 g (trays) of bait per baiting point spaced 5m apart. - Low infestation: Up to 90g (sachets) or 100 g (trays) of bait per baiting point spaced 10m apart.
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 Printed cardboard box containing 1 labelled pre-dosed tamper resistant PP bait station (10/15 g tea-bag filter paper sachets) – Up to 100 g Labelled/printed plastic (PP, PE, HDPE) pot (15 g tea-bag filter paper sachets) – Up to 150 g Labelled/printed plastic (PP, PE, HDPE) tank (15 g tea-bag filter paper sachets) – Up to 150 g Printed cardboard box with inner neutral plastic (PE) bag (15 g tea-bag filter paper sachets) – Up to 150 g Labelled plastic (PP) bucket with/without inner neutral plastic (PE) bag (15 g tea-bag filter paper sachets) – Up to 150 g Labelled plastic (PET) tray (50/100 g) with printed peel-off PE covering – Up to 100 g Printed cardboard box with plastic (PET) tray(s) (50/100 g) with printed peel-off PE covering – Up to 100 g

	<p>Printed cardboard box containing one labelled pre-dosed tamper resistant PP bait station with inner plastic (PET) tray(s) (50/100 g) up to 100 g with peel-off PE covering – Up to 100 g</p> <p>Labelled/printed non-coated electrolytic tin plate metal can (15 g tea-bag filter paper sachets) – Up to 150 g</p> <p>Labelled/printed plastic (PE) bag (15 g tea-bag filter paper sachets) – Up to 150 g</p>
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4.7.1. Use-specific instructions

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

4.7.2. Use-specific risk mitigation measures

4.7.3. Use-specific risk mitigation measures

See section 5.2

4.7.4. 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

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

See section 5.4

4.7.6. 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 USE¹

5.1. Instructions for use

Trained professionals

- Read and follow the product information as well as any information accompanying the product or provided at the point of sale before using it.
- Carry out a pre-baiting survey of the infested area and an on-site assessment in order to identify the rodent species, their places of activity and determine the likely cause and the extent of the infestation.
- Remove food which is readily attainable for rodents (e.g. spilled grain or food waste). Apart from this, do not clean up the infested area just before the treatment, as this only disturbs the rodent population and makes bait acceptance more difficult to achieve.
- The product should only be used as part of an integrated pest management (IPM) system, including, amongst others, hygiene measures and, where possible, physical methods of control.
- The product should be placed in the immediate vicinity of places where rodent activity has been previously explored (e.g. travel paths, nesting sites, feedlots, holes, burrows etc.).
- Where possible, bait stations must be fixed to the ground or other structures.
- Bait stations must be clearly labelled to show they contain rodenticides and that they must not be moved or opened (see section 5.3 for the information to be shown on the label).
- 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.

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.
- 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.).

¹Instructions for use, risk mitigation measures and other directions for use under this section are valid for any authorised uses.

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- 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.

General public

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

5.2. Risk mitigation measures

Trained professionals

- 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.

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- Products shall not be used beyond 35 days without an evaluation of the state of the infestation and of the efficacy of the treatment.
 - Do not rotate the use of different anticoagulants with comparable or weaker potency for resistance management purposes. For rotational use, consider using a non-anticoagulant rodenticide, if available, or a more potent anticoagulant.
 - Do not wash the bait stations or utensils used in covered and protected bait points with water between applications.
 - Dispose dead rodents in accordance with local requirements

Professionals

- 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.

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.

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 accident, call a poison center"
- Hazardous to wildlife.

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

- 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.