

EN

ANNEX

SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT

Brodifacoum 25 ppm Blocks - Professional Use

Product type(s)

PT14: Rodenticides

Authorisation number: IE/BPA 70784

R4BP asset number: IE-0022150-0000

1. ADMINISTRATIVE INFORMATION

1.1. Trade name(s) of the product

| | |
|---------------|--------------------------------|
| Trade name(s) | Solo 25 Blox Jaguar 25 Blox |
|---------------|--------------------------------|

1.2. Authorisation holder

| | | |
|--|-----------------|--|
| Name and address of the authorisation holder | Name | Bell Laboratories Netherlands B.V. |
| | Address | De Cuserstraat 93 1081 CN Amsterdam Netherlands |
| Authorisation number | IE/BPA 70784 | |
| <i>R4BP asset number</i> | IE-0022150-0000 | |
| Date of the authorisation | 05/04/2019 | |
| Expiry date of the authorisation | 01/07/2025 | |

1.3. Manufacturer(s) of the product

| | |
|---------------------------------|---|
| Name of manufacturer | Bell Laboratories Inc. |
| Address of manufacturer | 3699 Kinsman Blvd 53704 Madison United States (the) |
| Location of manufacturing sites | 3699 Kinsman Blvd 53704 Madison United States (the) |

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

| | |
|---------------------------------|---|
| Active substance | Brodifacoum |
| Name of manufacturer | Activa S.r.l |
| Address of manufacturer | Via Feltre 32 20132 Milano Italy |
| Location of manufacturing sites | Tezza s.r.l. - 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 | 0,0025 % (w/w) |
| Potassium sorbate | Potassium (E,E)-hexa-2,4-dienoate | Non-Active substance | 24634-61-5 | 246-376-1 | 1 % (w/w) |

2.2. Type(s) of formulation

RB Bait (ready for use)

3. HAZARD AND PRECAUTIONARY STATEMENTS

| | |
|--------------------------|---|
| Hazard statements | H373: May cause damage to organs (blood) through prolonged or repeated exposure .. |
| Precautionary statements | P102: Keep out of reach of children. P103: Read carefully and follow all instructions. P314: Get medical advice if you feel unwell. P501: Dispose of container to in accordance with national regulations. |

4. AUTHORISED USE(S)

4.1. Use description

Table 1. Use # 1 – House mice – professionals – indoor

| | |
|--|---|
| Product type | PT14: Rodenticides |
| Where relevant, an exact description of the authorised use | - |
| Target organism(s) (including development stage) | Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: juveniles Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: adults |
| Field(s) of use | indoor use 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 frequency | Application rate: 20-40 g of bait per bait station. If more than one bait station is needed, the distance between bait stations should be 2-4 meters. Dilution (%): - Number and timing of application: 20-40 g of bait per bait station. If more than one bait station is needed, the distance between bait stations should be 2-4 meters. Determine areas where rodents will likely find and consume bait. Generally, these areas are along walls, by gnawed openings, in corners, and concealed places. |
| Category(ies) of users | professional |
| Pack sizes and packaging material | Minimum pack size of 3 kg. (Please note IRELAND applies a minimum Professional pack size of 2.5 Kg instead of 3.0 kg) The product is available as 5 g or 20 g ready-to-use block baits. 5 g blocks are supplied in opaque HDPE pails with LDPE lids; net weight 3 to 10 kg 20 g blocks are supplied in opaque HDPE pails with LDPE lids; net weight 3, 4, 8, 9, 10 kg |

4.1.1. Use-specific instructions

- 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.

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

4.1.2. Use-specific risk mitigation measures

See the general use instruction

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 the general use instruction

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

See the general use instruction

4.2. Use description

Table 2. Use # 2 - House mice - professional users with demonstrated competence (equivalent to trained professionals) - indoor

| | |
|--|---|
| Product type | PT14: Rodenticides |
| Where relevant, an exact description of the authorised use | - |
| Target organism(s) (including development stage) | Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: juveniles Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: adults |
| Field(s) of use | indoor use Indoor |
| Application method(s) | Method: bait application |

| | |
|-----------------------------------|---|
| | Detailed description: Ready-to-use bait to be used in tamper-resistant bait stations or covered bait points |
| Application rate(s) and frequency | <p>Application rate: Rate: High infestation: (20-40) g of bait per baiting point, every 2 meters - Low infestation: (20-40) g of bait per baiting point, every 4 meters</p> <p>Dilution (%): -</p> <p>Number and timing of application:</p> <ul style="list-style-type: none"> - High infestation: (20-40) g of bait per baiting point, every 2 meters - Low infestation: (20-40) g of bait per baiting point, every 4 meters <p>Determine areas where rodents will likely find and consume bait. Generally, these areas are along walls, by gnawed openings, in corners, and concealed places.</p> |
| Category(ies) of users | trained professional |
| Pack sizes and packaging material | <p>Minimum pack size of 3 kg. (Please note IRELAND applies a minimum Professional pack size of 2.5 Kg instead of 3.0 kg)</p> <p>The product is available as 5 g or 20 g ready-to-use block baits.</p> <p>5 g blocks are supplied in opaque HDPE pails with LDPE lids; net weight 3 to 10 kg</p> <p>20 g blocks are supplied in opaque HDPE pails with LDPE lids; net weight 3, 4, 8, 9, 10 kg</p> |

4.2.1. 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.

4.2.2. 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 in accordance with the applicable code of good practice.
- Consider preventive control measures (e.g. plug holes, remove potential food and drinking as far as possible) to improve product intake and reduce the likelihood of reinvasion.
- To reduce risk of secondary poisoning, search for and remove dead rodents during treatment at frequent intervals, in line with the recommendations provided by the relevant code of best practice.
- Do not use the product as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.
- Do not use the product in pulsed baiting treatments.

4.2.3. 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 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 the general use instruction (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 the general use instruction (5.5)

4.3. Use description

Table 3. Use # 3 – Rats – professionals – indoor

| | |
|--|--|
| Product type | PT14: Rodenticides |
| Where relevant, an exact description of the authorised use | - |
| Target organism(s) (including development stage) | Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: juveniles Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: adults Scientific name: <i>Rattus rattus</i> Common name: roof rat Development stage: juveniles Scientific name: <i>Rattus rattus</i> Common name: roof rat Development stage: adults |
| Field(s) of use | indoor use 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 frequency | <p>Application rate: 100-200 g of bait per bait station. If more than one bait station is needed, the distance between baiting point should be 5-10 meters.</p> <p>Dilution (%): -</p> <p>Number and timing of application: - 100-200 g of bait per bait station. If more than one bait station is needed, the distance between baiting point should be 5-10 meters.</p> <p>Determine areas where rodents will likely find and consume bait. Generally, these areas are along walls, by gnawed openings, in corners, and concealed places.</p> |
| Category(ies) of users | professional |
| Pack sizes and packaging material | <p>Minimum pack size of 3 kg. (Please note IRELAND applies a minimum Professional pack size of 2.5 Kg instead of 3.0 kg) The product is available as 20 g or 200 g ready-to-use block baits.</p> <p>20 g blocks are supplied in opaque HDPE pails with LDPE lids; net weight 3, 4, 8, 9, 10 kg 200 g blocks are supplied in polyethylene bags within cardboard cartons with net weight 3 to 10 kg</p> |

4.3.1. Use-specific instructions

- 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

See the general use instruction

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 points close to 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

See the general use instruction

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

See the general use instruction

4.4. Use description

Table 4. Use # 4 - Rats - professional users with demonstrated competence (equivalent to trained professionals) - indoor

| | |
|--|---|
| Product type | PT14: Rodenticides |
| Where relevant, an exact description of the authorised use | - |
| Target organism(s) (including development stage) | <p>Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: Adult and juvenile</p> <p>Scientific name: <i>Rattus rattus</i> Common name: roof rat Development stage: Adult and juvenile</p> |
| Field(s) of use | <p>indoor use</p> <p>Indoor</p> |
| Application method(s) | <p>Method: bait application</p> <p>Detailed description: Ready-to-use bait to be used in tamper-resistant bait stations or covered bait points</p> |
| Application rate(s) and frequency | <p>Application rate: 100-200 g of bait per bait station. If more than one bait station is needed, the distance between baiting point should be 5-10 meters.</p> <p>Dilution (%): -</p> <p>Number and timing of application: 100-200 g of bait per bait station. If more than one bait station is needed, the distance between baiting point should be 5-10 meters.</p> <p>Determine areas where rodents will likely find and consume bait. Generally, these areas are along walls, by gnawed openings, in corners, and concealed places.</p> |
| Category(ies) of users | trained professional |
| Pack sizes and packaging material | Minimum pack size of 3 kg. (Please note IRELAND applies a minimum Professional pack size of 2.5 Kg instead of 3.0 kg) |

| | |
|--|--|
| | <p>The product is available as 20 g or 200 g ready-to-use block baits.</p> <p>20 g blocks are supplied in opaque HDPE pails with LDPE lids; net weight 3, 4, 8, 9, 10 kg</p> <p>200 g blocks are supplied in polyethylene bags within cardboard cartons with net weight 3 to 10 kg</p> |
|--|--|

4.4.1. 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.

4.4.2. 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.
- Consider preventive control measures (e.g. plug holes, remove potential food and drinking as far as possible) to improve product intake and reduce the likelihood of reinvasion.
- To reduce risk of secondary poisoning, search for and remove dead rodents during treatment at frequent intervals, in line with the recommendations provided by the relevant code of best practice.
- Do not use the product as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.
- Do not use the product in pulsed baiting treatments.

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

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

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

See the general use instruction (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 the general use instruction (5.5)

4.5. Use description

Table 5. Use # 5 – House mice – Professional users – outdoor around buildings

| | |
|--|---|
| Product type | PT14: Rodenticides |
| Where relevant, an exact description of the authorised use | - |
| Target organism(s) (including development stage) | Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: juveniles Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: adults |
| Field(s) of use | outdoor use Outdoor around buildings |
| Application method(s) | Method: bait application Detailed description: Ready-to-use bait to be used in tamper-resistant bait stations |
| Application rate(s) and frequency | Application rate: Rate:High infestation: (20-40) g of bait per baiting point, every 2 meters - Low infestation: (20-40) g of bait per baiting point, every 4 meters Dilution (%): - Number and timing of application: 20-40 g of bait per bait station. If more than one bait station is needed, the minimum distance between bait stations should be of 2 meters. Determine areas where rodents will likely find and consume bait. Generally, these areas are along walls, by gnawed openings, in corners, and concealed places. |
| Category(ies) of users | professional |
| Pack sizes and packaging material | Minimum pack size of 3 kg. (Please note IRELAND applies a minimum Professional pack size of 2.5 Kg instead of 3.0 kg) The product is available as 5 g or 20 g ready-to-use block baits. 5 g blocks are supplied in opaque HDPE pails with LDPE lids; net weight 3 to 10 kg 20 g blocks are supplied in opaque HDPE pails with LDPE lids; net weight 3, 4, 8, 9, 10 kg |

4.5.1. Use-specific instructions

- Protect bait from the atmospheric conditions (e.g. rain, snow, etc.). Place the bait stations in areas non-labile to flooding.

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.

- 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.

4.5.2. Use-specific risk mitigation measures

Do not apply this product directly in the burrows.

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

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

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

See the general use instruction

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

See the general use instruction

4.6. Use description

Table 6. Use # 6 - House mice – Professional users with demonstrated competence (equivalent to trained professionals) – outdoor around buildings

| | |
|--|---|
| Product type | PT14: Rodenticides |
| Where relevant, an exact description of the authorised use | - |
| Target organism(s) (including development stage) | Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: juveniles Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: adults |
| Field(s) of use | outdoor use |

| | |
|-----------------------------------|---|
| | Ready-to-use bait to be used in tamper-resistant bait stations or covered bait points. |
| Application method(s) | Method: bait application Detailed description: Ready-to-use bait to be used in tamper-resistant bait stations or covered bait points. |
| Application rate(s) and frequency | Application rate: 20-40 g of bait per bait station. If more than one bait station is needed, the distance between bait stations should be 2-4 meters. Dilution (%): - Number and timing of application: 20-40 g of bait per bait station. If more than one bait station is needed, the distance between bait stations should be 2-4 meters. Determine areas where rodents will likely find and consume bait. Generally, these areas are along walls, by gnawed openings, in corners, and concealed places. |
| Category(ies) of users | trained professional |
| Pack sizes and packaging material | Minimum pack size of 3 kg. (Please note IRELAND applies a minimum Professional pack size of 2.5 Kg instead of 3.0 kg) The product is available as 5 g or 20 g ready-to-use block baits. 5 g blocks are supplied in opaque HDPE pails with LDPE lids; net weight 3 to 10 kg 20 g blocks are supplied in opaque HDPE pails with LDPE lids; net weight 3, 4, 8, 9, 10 kg |

4.6.1. Use-specific instructions

- Protect bait from the atmospheric conditions. Place the baiting points in areas not liable 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.
- For outdoor use, baiting points must be covered and placed in strategic sites to minimise the exposure to non-target species.
- [When available] Follow any additional instructions provided by the relevant code of best practice.

4.6.2. Use-specific risk mitigation measures

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

4.6.3. 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 surface waters (e.g. rivers, ponds, water channels, dykes, irrigation ditches) or 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 the general use instruction

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

See the general use instruction

4.7. Use description

Table 7. Use # 7 – Rats – Professional users – outdoor around buildings

| | |
|--|---|
| Product type | PT14: Rodenticides |
| Where relevant, an exact description of the authorised use | - |
| Target organism(s) (including development stage) | <p>Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: juveniles</p> <p>Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: adults</p> <p>Scientific name: <i>Rattus rattus</i> Common name: roof rat Development stage: juveniles</p> <p>Scientific name: <i>Rattus rattus</i> Common name: roof rat Development stage: adults</p> |
| Field(s) of use | <p>outdoor use</p> <p>outdoor around buildings</p> |
| Application method(s) | <p>Method: bait application</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: 100-200 g of bait per bait station. If more than one bait station is needed, the distance between baiting point should be 5-10 meters.</p> <p>Dilution (%): -</p> <p>Number and timing of application: - 100-200 g of bait per bait station. If more than one bait station is needed, the minimum distance between bait stations should be of 5 meters. Determine areas where rodents will likely find and consume bait. Generally, these areas are along walls, by gnawed openings, in corners, and concealed places.</p> |
| Category(ies) of users | professional |
| Pack sizes and packaging material | <p>Minimum pack size of 3 kg. (Please note IRELAND applies a minimum Professional pack size of 2.5 Kg instead of 3.0 kg) The product is available as 20 g or 200 g ready-to-use block baits.</p> <p>20 g blocks are supplied in opaque HDPE pails with LDPE lids; net weight 3, 4, 8, 9, 10 kg 200 g blocks are supplied in polyethylene bags within cardboard cartons with net weight 3 to 10 kg</p> |

4.7.1. Use-specific instructions

- Protect bait from the atmospheric conditions (e.g. rain, snow, etc.). Place the bait stations in areas non-labile to flooding.
- 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 the general use instruction

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

See the general use instruction

4.8. Use description

Table 8. Use # 8 – Rats – Professional users with demonstrated competence (equivalent to trained professionals) – outdoor around buildings

| | |
|--|--|
| Product type | PT14: Rodenticides |
| Where relevant, an exact description of the authorised use | - |
| Target organism(s) (including development stage) | Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: juveniles Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: adults Scientific name: <i>Rattus rattus</i> Common name: roof rat Development stage: juveniles Scientific name: <i>Rattus rattus</i> Common name: roof rat Development stage: adults |
| Field(s) of use | outdoor use outdoor around buildings |
| Application method(s) | Method: bait application Detailed description: Ready-to-use bait to be used in tamper-resistant bait stations or covered bait points. |
| Application rate(s) and frequency | Application rate: Rate:High infestation: (100-200) g of bait per baiting point, every 5 meters - Low infestation: (100-200) g of bait per baiting point, every 10 meters Dilution (%): 0 Number and timing of application: - High infestation: (100-200) g of bait per baiting point, every 5 meters |

| | |
|-----------------------------------|--|
| | <p>- Low infestation: (100-200) g of bait per baiting point, every 10 meters</p> <p>Determine areas where rodents will likely find and consume bait. Generally, these areas are along walls, by gnawed openings, in corners, and concealed places.</p> <p>Maintain an uninterrupted supply of fresh bait for 14-28 days or until signs of rat activity cease.</p> |
| Category(ies) of users | trained professional |
| Pack sizes and packaging material | <p>Minimum pack size of 3 kg. (Please note IRELAND applies a minimum Professional pack size of 2.5 Kg instead of 3.0 kg)</p> <p>The product is available as 20 g or 200 g ready-to-use block baits.</p> <p>20 g blocks are supplied in opaque HDPE pails with LDPE lids; net weight 3, 4, 8, 9, 10 kg 200 g blocks are supplied in polyethylene bags within cardboard cartons with net weight 3 to 10 kg</p> |

4.8.1. 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.
- May only be used by certified professional users as a final link in a strict IPM protocol, as described in the 'Manual for rodent control in buildings and food stores'.

4.8.2. Use-specific risk mitigation measures

- Where possible, prior to the treatment inform any possible bystanders (e.g. users of the treated area and their surroundings) about the rodent control campaign
- 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.

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

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

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

See the general use instruction (5.4)

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

See the general use instruction (5.5)

4.9. Use description**Table 9. Use # 9 – Rats – Professional users with demonstrated competence (equivalent to trained professionals) – sewers**

| | |
|--|--|
| Product type | PT14: Rodenticides |
| Where relevant, an exact description of the authorised use | - |
| Target organism(s) (including development stage) | Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: juveniles Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: adults |
| Field(s) of use | outdoor use Other Sewers |
| Application method(s) | Method: bait application Detailed description: Ready-to-use bait to be anchored or applied in bait stations preventing the bait from getting into contact with waste water. |
| Application rate(s) and frequency | Application rate: Rate:High infestation: 100-200 grams per manhole. - Low infestation: 100-200 grams per manhole Dilution (%): - Number and timing of application: High infestation: 100-200 grams per manhole. |

| | |
|-----------------------------------|--|
| | <p>Low infestation: 100-200 grams per manhole.</p> <p>Regularly check bait consumption and replace consumed or spoilt bait until consumption has stopped. Repeat treatment in situations where there is evidence of new infestation.</p> |
| Category(ies) of users | trained professional |
| Pack sizes and packaging material | <p>Minimum pack size of 3 kg. (Please note IRELAND applies a minimum Professional pack size of 2.5 Kg instead of 3.0 kg)</p> <p>The product is available as 20 g or 200 g ready-to-use block baits. 20 g blocks are supplied in opaque HDPE pails with LDPE lids; net weight 3, 4, 8, 9, 10 kg</p> <p>200 g blocks are supplied in polyethylene bags within cardboard cartons with net weight 3 to 10 kg</p> |

4.9.1. Use-specific instructions

- Baits must be applied in a way so that they do not come into contact with water and are not washed away.
- [When available] Follow any additional instructions provided by the relevant code of best practice.

4.9.2. Use-specific risk mitigation measures

- [If national policy or legislation requires it] Place baits only in sewer systems which are connected to the sewage treatment plant.
- Do not use this product in pulsed baiting treatments.

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

See the general use instruction (5.3)

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

See the general use instruction (5.4)

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

See the general use instruction (5.5)

5. GENERAL DIRECTIONS FOR USE¹

5.1. Instructions for use

Instructions for 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 5.1.3 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 (EN374)
- 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.

Instructions for use Professional users

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

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

-
- Bait stations must be clearly labelled to show they contain rodenticides and that they must not be moved or opened (see section 5.3 for the information to be shown on the label).
 - [If national policy or legislation require it] When the product is being used in public areas, the areas treated should be marked during the treatment period and a notice explaining the risk of primary or secondary poisoning by the anticoagulant as well as indicating the first measures to be taken in case of poisoning must be made available alongside the baits.
 - Bait should be secured so that it cannot be dragged away from the bait station.
 - Place the product out of the reach of children, birds, pets and farm animals and other non-target animals.
 - Place the product away from food, drink and animal feeding stuffs, as well as from utensils or surfaces that have contact with these.
 - Wear protective chemical resistant gloves during product handling phase (EN374)
 - When using the product do not eat, drink or smoke. Wash hands and directly exposed skin after using the product.
 - If bait uptake is low relative to the apparent size of the infestation, consider the replacement of bait points to further places and the possibility to change to another bait formulation.
 - If after a treatment period of 35 days baits are continued to be consumed and no decline in rodent activity can be observed, the likely cause has to be determined. Where other elements have been excluded, it is likely that there are resistant rodent so consider the use of a non-anticoagulant rodenticide, where available, or a more potent anticoagulant rodenticide. Also consider the use of traps as an alternative control measure.
 - Remove the remaining bait or the bait stations at the end of the treatment period.

5.2. Risk mitigation measures

Instructions for Professional users with demonstrated competence (equivalent to 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.
- 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.
- When tamper-resistant bait stations are used, they should be clearly marked to show that they contain rodenticides and that they should not be disturbed.
- Search for and remove dead rodents at frequent intervals during treatment (unless used in sewers), at least as often when baits are checked and/or replenished. Dispose of dead rodents in accordance with local requirements.

Instructions for use Professional users

- Where possible, prior to the treatment inform any possible bystanders about the rodent control campaign.
- To reduce risk of secondary poisoning, search for and remove dead rodents at frequent intervals during treatment (e.g. at least twice a week).
- Products shall not be used beyond 35 days without an evaluation of the state of the infestation and of the efficacy of the treatment.
- Do not use baits containing anticoagulant active substances as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.
- The product information (i.e. label and/or leaflet) shall clearly show that the product shall not be supplied to the general public (e.g. "for professionals only"). users shall properly label bait stations with the information referred to in section 5.2.3 of the SPC (e.g. "label bait stations according to the product recommendations").
- 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.
 - 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 [insert national phone number]".
- 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.
- Use of gloves is recommended

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

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

6. OTHER INFORMATION

- Because of their delayed mode of action, anticoagulant rodenticides take from 4 to 10 days to be effective after consumption of the bait.
- Rodents can be disease carriers. Do not touch dead rodents with bare hands, use gloves or use tools such as tongs when disposing them.
- This product contains a bittering agent and a dye.
- Use Biocides Safely and Sustainably
- It is illegal to use this product for uses or in a manner other than that prescribed on this label.
- Poison Information: For information or to report a poisoning incident contact The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166), retain the label for reference.
- Please note IRELAND applies a minimum Professional pack size of 2.5 Kg instead of 3.0 kg.