

Summary of product characteristics for a biocidal product

Product name: BROTIM PASTA

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

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Authorisation number: RO/2013/0035/MRA/ UK-2012-0626

R4BP 3 asset reference number: RO-0004797-0000

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Administrative information

1.1. Trade names of the product

Rodex Pasta
Brotim Pasta
Ratisol

1.2. Authorisation holder

Name and address of the authorisation holder	Name	PelGar International Limited
	Address	Unit 13 Newman Lane GU34 2QR Alton United Kingdom
Authorisation number	RO/2013/0035/MRA/ UK-2012-0626	
R4BP 3 asset reference number	RO-0004797-0000	
Date of the authorisation	19/11/2012	
Expiry date of the authorisation	30/06/2020	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	PelGar International Limited
Address of the manufacturer	Unit 13 Newman Lane GU34 2QR Alton United Kingdom
Location of manufacturing sites	Unit 13 Newman Lane GU34 2QR Alton United Kingdom

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

Active substance	12 - Bromadiolone
Name of the manufacturer	PelGar International Limited
Address of the manufacturer	Unit 13 Newman Lane GU34 2QR Alton United Kingdom
Location of manufacturing sites	Prazska 54 280 02 Kolin Czech Republic

2. Product composition and formulation

2.1. Qualitative and quantitative information on the composition of the biocidal product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Bromadiolone		Active Substance	28772-56-7	249-205-9	0.005

2.2. Type of formulation

RB - Bait (ready for use)

3. Hazard and precautionary statements

Hazard statements

To avoid risks to human health and the environment, comply with the instructions for use.

Precautionary statements

Keep out of reach of children.
 Read label before use.
 Keep away from foodstuffs, beverages and animal feeding stuffs..
 Do not get in eyes, on skin, or on clothing.
 Do no eat, drink or smoke when using this product.
 Avoid release to the environment.
 Wear protective gloves.

IF SWALLOWED: Immediately call a POISON CENTER.

Store in a closed container.

Store locked up.

Dispose of contents to in accordance with local regulations.

4. Authorised use(s)

4.1 Use description

Use 1 - In/around buildings - amateurs

Product type	PT14 - Rodenticides (Pest control)
Where relevant, an exact description of the authorised use	For use indoors and outdoors around buildings. For use against mice, commercially available bait stations (prefilled or refillable) or covered/protected bait points are authorised. For use against rats, commercially available tamper resistant bait stations (prefilled or refillable) only are authorised. For both rats and mice, the bait should be supplied in sachets, each containing at most enough bait for one point (either rat or mouse). The whole pack should contain a maximum of 1.5kg of bait. Bait stations/bait points are manually placed in the rodent infested area. Ideally bait boxes should be fixed to the ground. The product must never be placed indiscriminately.
Target organism(s) (including development stage)	Rattus norvegicus-Brown rat-Adults and juveniles Mus musculus-House mouse-Adults and juveniles
Field(s) of use	Indoor Outdoor For use indoors and outdoors around buildings. Baits are manually placed in the rodent infested area. The bait product can potentially be used under many different circumstances and can be deployed using various means. The method of deployment is dependent on the particular circumstance. A priority is always to exclude non target exposure as much as possible. Methods of deployment for amateur users are bait stations (tamper proof boxes) or - for mice only - covered/protected bait points. Baits can be placed in bait boxes which may be fixed to the ground. The bait in such bait boxes can also be secured in place to minimise removal and dispersal by rodents. The product may also be placed on trays under a tile or located in such a way that access by non-target organisms is restricted. These methods, in themselves, represent a scale of potential access. The vulnerability (of access by non target organisms) of a particular site is assessed in the decision for the deployment method to be used. The product must never be placed indiscriminately.
Application method(s)	Bait application - Method of application: bait application; in bait boxes (rats or mice); Covered/protected bait points (mice only). Detailed description of the method: Place bait where there are signs of rodent activity, like fresh droppings, inside or near nests and burrows, runways and rodent feeding places. Place bait points throughout the infested area. For rat infestations use bait points of up to 200g. Place bait points 10 m apart reducing to 5 m in high infestations. For mouse infestations use bait points of up to 40g. Place bait points 5 m apart reducing to 2 m in high infestations.

Make frequent inspections of the bait points during the first 10-14 days and replace any bait eaten by rodents or that has been damaged by water or contaminated by dirt. If no signs of rat activity are seen near a bait point after 7-10 days, move it to an area of higher activity. Mice are very inquisitive. It may help the control programme to move bait points when they are inspected/topped up. Protect bait points from non-target animals and from water, preferably using commercially available bait stations. For rat control, commercially available tamper resistant bait stations must be used. For mice, if these are not available, place the bait on bait trays inside pieces of drainage pipe or under sections of slate, board or corrugated iron which are firmly propped against a wall and suitably weighted. Prevent access to bait by children, birds and non-target animals (particularly dogs, cats, pigs and poultry). Where possible, secure baits so that they cannot be dragged away. Sachets can be wired or nailed in place. If all the bait has been eaten from certain areas, increase the quantity of bait by placing more bait points. Do not increase the bait point size. It is generally much more efficient to use a larger number of small bait points compared to a smaller number of large bait points. Large bait points increase the risk to wild-life and to other non-target animals. Search for and remove dead rodents at frequent intervals during treatment, at least as often as when baits are checked and/or replenished. Daily inspection may be required in some circumstances. Dispose of dead rodents in accordance with local requirements.

Application rate(s) and frequencies

For rat infestations use bait points of up to 200g. Place bait points 10 m apart reducing to 5 m in high infestations. For mouse infestations use bait points of up to 40g. Place bait points 5 m apart reducing to 2 m in high infestations. - 100 -
The treatment frequency is typically 2-4 applications per year, 3-6 months apart. Baiting programmes are repeated as necessary, due to re-infestation, typically every 3-6 months. The duration of the program is usually up to 6 weeks.

Category(ies) of users

General public (non-professional)

Pack sizes and packaging material

Tubs, pails or jerry can - PP or PE - 100 g, 150 g, 200 g, 250 g, 300 g, 400 g, 500 g, 750 g, 800 g, 1 kg or 1.5 kg

Cardboard outer - Polythene-lined cardboard outer - 100 g, 150 g, 200 g, 250 g, 300 g, 400 g, 500 g, 750 g, 800 g, 1 kg or 1.5 kg

Pouches sold as they are or in a cardboard outer - Paper/PE/aluminium, PP, PET/PE or laminated PP - 100 g, 150 g, 200 g, 250 g, 300 g, 400 g, 500 g, 750 g, 800 g, 1 kg or 1.5 kg

Lined carton - Polythene-lined cardboard carton - Up to 1.5 kg

Cardboard outer - Polythene-lined cardboard outer - 4, 6, 8, 10, 12, 18, 24, 36, 48, 60, 96 or 108 t-bags

Tubs or pails - PP or PE - 4, 6, 8, 10, 12, 18, 24, 36, 48, 60, 96 or 108 t-bags

Pouches - Paper/PE/aluminium, PP, PET/PE or laminated PP - 4, 6, 8, 10, 12, 18, 24, 36, 48, 60, 96 or 108 t-bags

Baitbox - HDPE or PP - Up to 120 g

Baitbox - HDPE or PP - Up to 720 g

Bait trays with a sealed lid - PVC, PS, PET/PE, PP or PE bait trays with heat-sealed lid - Up to 1.5 kg

'Sausage' for use in rat or mouse boxes - Polyethylene film 'sausage' in a collagen or PE outer casing - 30g or 200g

4.1.1 Use-specific instructions for use

None

4.1.2 Use-specific risk mitigation measures

None

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

None

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

None

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

None

4.2 Use description

Use 2 - In/around buildings - professionals

Product type

PT14 - Rodenticides (Pest control)

Where relevant, an exact description of the authorised use

For use indoors and outdoors around buildings.

Baits are manually placed in the rodent infested area. The bait product can potentially be used under many different circumstances and can be deployed using various means. The method of deployment is dependent on the particular circumstance. A priority is always to exclude non target exposure as much as possible. Methods of deployment for professional users are bait stations (tamper proof boxes), bait points (a makeshift arrangement which uses materials and/or the local environment to restrict access to the bait), loose but inaccessible (an arrangement which uses the local environment only to restrict access to the bait). Baits can be placed in bait boxes which may be fixed to the ground. The bait in such bait boxes can also be secured in place to minimise removal and dispersal by rodents. The product may also be placed on trays under a tile or located in such a way that access by non-target organisms is restricted. These methods, in themselves, represent a scale of potential access. The vulnerability (of access by non target organisms) of a particular site is assessed in the decision for the deployment method to be used. The product must never be placed indiscriminately.

Target organism(s) (including development stage)

Rattus norvegicus-Brown rat-Adults and juveniles

Mus musculus-House mouse-Adults and juveniles

Field(s) of use

Indoor

Outdoor

For use indoors and outdoors around buildings.
Baits are manually placed in the rodent infested area. The bait product can potentially be used under many different circumstances and can be deployed using various means. The method of deployment is dependent on the particular circumstance. A priority is always to exclude non target exposure as much as possible. Methods of deployment for professional users are bait stations (tamper proof boxes), bait points (a makeshift arrangement which uses materials and/or the local environment to restrict access to the bait), loose but inaccessible (an arrangement which uses the local environment only to restrict access to the bait). Baits can be placed in bait boxes which may be fixed to the ground. The bait in such bait boxes can also be secured in place to minimise removal and dispersal by rodents. The product may also be placed on trays under a tile or located in such a way that access by non-target organisms is restricted. These methods, in themselves, represent a scale of potential access. The vulnerability (of access by non target organisms) of a particular site is assessed in the decision for the deployment method to be used. The product must never be placed indiscriminately.

Application method(s)

Bait application -
Method of application: bait application; in bait boxes; Covered/protected bait points.
Detailed description of the method: Place bait where there are signs of rodent activity, like fresh droppings, inside or near nests and burrows, runways and rodent feeding places. Place bait points throughout the infested area.
For rat infestations use bait points of up to 200g. Place bait points 10 m apart reducing to 5 m in high infestations.
For mouse infestations use bait points of up to 40g. Place bait points 5 m apart reducing to 2 m in high infestations.
Make frequent inspections of the bait points during the first 10-14 days and replace any bait eaten by rodents or that has been damaged by water or contaminated by dirt. If no signs of rat activity are seen near a bait point after 7-10 days, move it to an area of higher activity. Mice are very inquisitive. It may help the control programme to move bait points when they are inspected/topped up. Protect bait points from non-target animals and from water, preferably using commercially available bait stations. For rat control, commercially available tamper resistant bait stations may be used. If these are not available, place the bait on bait trays inside pieces of drainage pipe or under sections of slate, board or corrugated iron which are firmly propped against a wall and suitably weighted. Prevent access to bait by children, birds and non-target animals (particularly dogs, cats, pigs and poultry). Where possible, secure baits so that they cannot be dragged away. Sachets can be wired or nailed in place. If all the bait has been eaten from certain areas, increase the quantity of bait by placing more bait points. Do not increase the bait point size. It is generally much more efficient to use a larger number of small bait points compared to a smaller number of large bait points. Large bait points increase the risk to wild-life and to other non-target animals. Search for and remove dead rodents at frequent intervals during treatment (prof label only - unless used in sewers), at least as often as when baits are checked and/or replenished. Daily inspection may be required in some circumstances. Dispose of dead rodents in accordance with local requirements.

Application rate(s) and frequencies

For rat infestations use bait points of up to 200g. Place bait points 10 m apart reducing to 5 m in high infestations. For mouse infestations use bait points of up to 40g. Place bait points 5 m apart reducing to 2 m in high infestations. - 100 -
The treatment frequency is typically 2-4 applications per year, 3-6 months apart.
Baiting programmes are repeated as necessary, due to re-infestation, typically every 3-6 months. The duration of the program is usually up to 6 weeks.

Category(ies) of users

Trained professional

Professional

Tubs, pails or jerry can - PP or PE - 100 g, 150 g, 200 g, 250 g, 300 g, 400 g, 500 g,

Pack sizes and packaging material

750 g, 800 g, 1 kg, 2 kg, 2.5 kg, 4 kg, 5 kg, 6 kg, 10 kg, 15 kg or 20 kg

Cardboard outer - Polythene-lined cardboard outer - 100 g, 150 g, 200 g, 250 g, 300 g, 400 g, 500 g, 750 g, 800 g, 1 kg or 2 kg

Lined carton - Polythene-lined cardboard carton - 10 kg, 15 kg or 20 kg

Cardboard outer - Polythene-lined cardboard outers - 4, 6, 8, 10, 12, 18, 24, 36, 48, 60, 96 or 108 t-bags

Tubs or pails - PP or PE - 4, 6, 8, 10, 12, 18, 24, 36, 48, 60, 96 or 108 t-bags

Pouches - Paper/PE/aluminium, PP, PET/PE or laminated PP - 4, 6, 8, 10, 12, 18, 24, 36, 48, 60, 96 or 108 t-bags

Baitbox - HDPE or PP - Up to 120 g

Baitbox - HDPE or PP - Up to 720 g

Bait trays with a sealed lid - PVC, PS, PET/PE, PP or PE bait trays with heat-sealed lid - Up to 6.4 kg

'Sausage' for use in rat or mouse boxes - Polyethylene film 'sausage' in a collagen or PE outer casing - 30 g or 200 g

Tub or pail - HDPE or PP - 1, 1.25, 1.5, 2, 2.5, 4 or 5 kg

Cartridge - PE or PP - 0.1, 0.15, 0.2 or 0.3 kg

4.2.1 Use-specific instructions for use

None

4.2.2 Use-specific risk mitigation measures

None

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

None

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

None

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

None

4.3 Use description

Use 3 - In sewers - professionals

Product type	PT14 - Rodenticides (Pest control)
Where relevant, an exact description of the authorised use	<p>For use in sewers. Professional use only.</p> <p>Baits are manually placed in the rodent infested area. The bait product can potentially be used under many different circumstances and can be deployed using various means. The method of deployment is dependent on the particular circumstance. A priority is always to exclude non target exposure as much as possible. Baits are manually placed in the rodent infested area. The bait product can potentially be used under many different circumstances and can be deployed using various means. The method of deployment is dependent on the particular circumstance. A priority is always to exclude non target exposure as much as possible. Methods of deployment for professional users for this use is in sewers. The product is located in such a way (in sewers) that access by non-target organisms is restricted. The vulnerability (of access by non target organisms) of a particular site is assessed in the decision for the deployment method to be used. <u>The product must never be placed indiscriminately.</u></p>
Target organism(s) (including development stage)	Rattus norvegicus-Brown rat-Adults and juveniles
Field(s) of use	<p>Indoor</p> <p>For use in sewers.</p> <p>Baits are manually placed in the rodent infested area. The bait product can potentially be used under many different circumstances and can be deployed using various means. The method of deployment is dependent on the particular circumstance. A priority is always to exclude non target exposure as much as possible. Methods of deployment for professional users for this use is in sewers. The product is located in such a way (in sewers) that access by non-target organisms is restricted. The vulnerability (of access by non target organisms) of a particular site is assessed in the decision for the deployment method to be used. The product must never be placed indiscriminately.</p>
Application method(s)	<p>Bait application -</p> <p>Method of application: bait application; in bait boxes; Covered/protected bait points</p> <p>Secure up to 200g of bait per station to available structures to ensure the bait is not washed away. Regularly check bait consumption and replace consumed or spoilt bait until consumption has stopped. Repeat treatment in situations where there is evidence of new infestation.</p>
Application rate(s) and frequencies	<p>For rat infestations in sewers use bait points of up to 200g. - 100 -</p> <p>The treatment frequency is typically 2-4 applications per year, 3-6 months apart. Baiting programmes are repeated as necessary, due to re-infestation, typically every 3-6 months. The duration of the program is usually up to 6 weeks.</p>
Category(ies) of users	<p>Trained professional</p> <p>Professional</p>

Pack sizes and packaging material

Tubs, pails or jerry can - PP or PE - 100 g, 150 g, 200 g, 250 g, 300 g, 400 g, 500 g, 750 g, 800 g, 1 kg, 2 kg, 2.5 kg, 4 kg, 5 kg, 6 kg, 10 kg, 15 kg or 20 kg

Cardboard outer - Polyethylene-lined cardboard outer - 100 g, 150 g, 200 g, 250 g, 300 g, 400 g, 500 g, 750 g, 800 g, 1 kg or 2 kg

Pouches sold as they are or in a cardboard outer - Paper/polyethylene.aluminium, polypropylene, PET/polyethylene or laminated polypropylene - 100 g, 150 g, 200 g, 250 g, 300 g, 400 g, 500 g, 750 g, 800 g, 1 kg, 2 kg, 2.5 kg, 4 kg, 5 kg, 6 kg, 10 kg, 15 kg or 20 kg

Lined carton - Polythene-lined cardboard carton - 10, 15 or 20 kg

Cardboard outer - Polyethylene-lined cardboard outer - 4, 6, 8, 10, 12, 18, 24, 36, 48, 60, 96 or 108 t-bags

Tubs or pails - PP or PE - 4, 6, 8, 10, 12, 18, 24, 36, 48, 60, 96 or 108 t-bags

Pouches - Paper/polyethylene.aluminium, polypropylene, PET/polyethylene or laminated polypropylene - 4, 6, 8, 10, 12, 18, 24, 36, 48, 60, 96 or 108 t-bags

Bait box - HDPE or PP - Up to 720 g

Bait trays with sealed lid - PVC, PS, PET/PE, PP or PE bait trays with heat-sealed lid - Up to 6.4 kg

'Sausage' for use in rat boxes - Polyethylene film 'sausage' in a collagen or PE outer casing - 200 g

Tub or pail - HDPE or PP - 1, 1.25, 1.5, 2, 2.5, 4 or 5 kg

Cartridge - PP or PE - 0.1, 0.15, 0.2 or 0.3 kg

4.3.1 Use-specific instructions for use

None

4.3.2 Use-specific risk mitigation measures

None

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

None

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

None

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

None

5. General directions for use

5.1. Instructions for use

Place bait where there are signs of rodent activity, like fresh droppings, inside or near nests and burrows, runways and rodent feeding places.
Place bait points throughout the infested area.
For rat infestations use bait points of up to 200g. Place bait points 10 m apart reducing to 5 m in high infestations.
For mouse infestations use bait points of up to 40g. Place bait points 5 m apart reducing to 2 m in high infestations.
Make frequent inspections of the bait points during the first 10-14 days and replace any bait eaten by rodents or that has been damaged by water or contaminated by dirt. If no signs of rat activity are seen near a bait point after 7-10 days, move it to an area of higher activity.
Mice are very inquisitive. It may help the control programme to move bait points when they are inspected/topped up.
Protect bait points from non-target animals and from water, preferably using commercially available bait stations. If these are not available, place the bait on bait trays inside pieces of drainage pipe or under sections of slate, board or corrugated iron which are firmly propped against a wall and suitably weighted.
Prevent access to bait by children, birds and non-target animals (particularly dogs, cats, pigs and poultry). Where possible, secure baits so that they cannot be dragged away. Blocks can be wired or nailed in place.
If all the bait has been eaten from certain areas, increase the quantity of bait by placing more bait points. Do not increase the bait point size. It is generally much more efficient to use a larger number of small bait points compared to a smaller number of large bait points. Large bait points increase the risk to wild-life and to other non-target animals.
Search for and remove dead rodents at frequent intervals during treatment (unless used in sewers), at least as often as when baits are checked and/or replenished. Daily inspection may be required in some circumstances. Dispose of dead rodents in accordance with local requirements.
PUBLIC AREA USE: When the product is being used in public areas and tamper-resistant bait stations are not used, the following must be implemented. When the product is being used in public areas, the areas treated must 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. 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.

5.2. Risk mitigation measures

Baits must be securely deposited in a way so as to minimise the risk of consumption by other animals or children.
Where possible, secure baits so that they cannot be dragged away.
Search for and remove dead rodents at frequent intervals during treatment (unless used in sewers), at least as often as when baits are checked and/or replenished. Dispose of dead rodents in accordance with local requirements.
Unless under the supervision of a pest control operator or other competent person, do not use anticoagulant rodenticides as permanent baits. Remove all baits after treatment and dispose of them in accordance with local requirements.
There is a bittering agent (0.01% denatonium benzoate) in all formulations.

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

Particulars of likely direct or indirect effects: Anticoagulant rodenticide
Toxic to most mammalian and avian species, including domesticated animals, wildlife and humans.
First aid instructions: Medical advice: If swallowed, seek medical advice immediately and show this container or label.
Antidote: Vitamin K1 (under medical supervision).
Medical professionals should contact the local Poisons Information Service for further advice.
Emergency measures to protect the environment: Prevent further leakage or spillage if safe to do so. Prevent entry into watercourses, sewers.

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

This material and its container must be disposed of safely.
Dispose of packaging, remains of unused product and dead rodents in accordance with local regulations.

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

Keep in a cool, dry, well ventilated area.
Shelf life of up to 2 years supported.

6. Other information

There are some errors in the CLP phrases which cannot be corrected using the drop-down menus. Complete list of corrected phrases is:
P262 Do not get on skin.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves (professionals only)
P501 Dispose of contents/container in accordance with local regulations.