

Summary of product characteristics for a biocidal product

Product name: Ratron Compact B for trained professional users

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

Authorisation number: AT-0017342-0000

R4BP 3 asset reference number: AT-0017342-0000

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Administrative information

1.1. Trade names of the product

Ratron® Compact B
Ratron Compact B Power-Block
frunax Power-Mini-Riegel gegen Ratten und Mäuse
BROMOL Köderwürfel

1.2. Authorisation holder

Name and address of the authorisation holder	Name	frunol delicia GmbH
	Address	Hansastraße 74 B 59425 Unna Germany
Authorisation number	AT-0017342-0000	
R4BP 3 asset reference number	AT-0017342-0000	
Date of the authorisation	21/11/2017	
Expiry date of the authorisation	31/08/2020	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	frunol delicia GmbH
Address of the manufacturer	Hansastraße 74b 59425 Unna Germany
Location of manufacturing sites	Dübener Str. 145 04509 Delitzsch Germany

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

Active substance	11 - Brodifacoum
Name of the manufacturer	PelGar International Ltd.
Address of the manufacturer	Unit 13, Newman Lane GU34 2QR Alton, Hampshire United Kingdom
Location of manufacturing sites	Praszka 54 28002 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 (%)
Brodifacoum	3-[3-(4'-bromobiphenyl-4-yl)-1,2,3,4-tetrahydro-1-naphthyl]-4-hydroxycoumarin	Active Substance	56073-10-0	259-980-5	0.005

2.2. Type of formulation

RB - Bait (ready for use)

3. Hazard and precautionary statements

Hazard statements	
Precautionary statements	Keep out of reach of children. Do not get in eyes, on skin, or on clothing. Do no eat, drink or smoke when using this product. Wear protective gloves. IF SWALLOWED: Get immediate medical advice.

If medical advice is needed, have product container or label at hand.

IF ON SKIN:Wash with plenty of water and soap..

IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do. Continue rinsing.

Dispose of container to national requirements.

4. Authorised use(s)

4.1 Use description

Use 1 - House mice and rats – trained professionals – indoor

Product type	PT14 - Rodenticides (Pest control)
Where relevant, an exact description of the authorised use	Not relevant for rodenticides
Target organism(s) (including development stage)	Mus musculus-House mouse-juveniles and adults Rattus norvegicus-Brown rat-juveniles and adults Rattus rattus-Roof rat-juveniles and adults
Field(s) of use	Indoor Indoor
Application method(s)	In bait boxes - - Ready-to-use bait to be used in tamper-resistant bait stations - Covered and protected baiting
Application rate(s) and frequencies	Mouse: 25-50 g of bait per bait station. Rat: 25-200 g of bait per bait station. - 100 - - Mouse: If more than one bait station is needed, the minimum distance between bait stations should be of 2 - 4 meters. - Rat: If more than one bait station is needed, the minimum distance between bait stations should be of 5 - 10 meters.
Category(ies) of users	Trained professional
Pack sizes and packaging material	- Number of packed bags per packaging: 1x75g, 10x25g, 40x25g, 100x100g, 105x200g–blocks in foil in folding box, 15x25g, 72 x 25g, 320 x 25g-blocks in buckets - Packaging material: bags (paper with LDPE foil) in folding boxes (paper) or buckets

(Polypropylene)

4.1.1 Use-specific instructions for use

- The bait stations should be visited at least every 2 to 3 days for mice or 5 to 7 days for rats 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.

- Follow any additional instructions provided by the relevant code of best practice

4.1.2 Use-specific risk mitigation measures

See 5.2 below.

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 5.4 below.

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

The shelf life of the product is 2 years. See 5.5 for further details.

4.2 Use description

Use 2 - Mice and rats – trained professionals – outdoor around buildings

Product type

PT14 - Rodenticides (Pest control)

Where relevant, an exact description of the authorised use

Not relevant for rodenticides

Target organism(s) (including development stage)

Mus musculus-House mouse-juveniles and adults

	Rattus norvegicus-Brown rat-juveniles and adults Rattus rattus-Roof rat-juveniles and adults
Field(s) of use	Outdoor Outdoor around buildings
Application method(s)	In bait boxes - - Ready-to-use bait to be used in tamper-resistant bait stations - Covered and protected baiting
Application rate(s) and frequencies	Mouse: 25-50 g of bait per bait station. Rat: 25-200 g of bait per bait station. - 100 - - Mouse: If more than one bait station is needed, the minimum distance between bait stations should be of 2 - 4 meters. - Rat: If more than one bait station is needed, the minimum distance between bait stations should be of 5 - 10 meters.
Category(ies) of users	Trained professional
Pack sizes and packaging material	- Number of packed bags per packaging: 1×75g, 10×25g, 40×25g, 100×100g, 105×200g—blocks in foil in folding box, 15×25g, 72 x 25g, 320 x 25g-blocks in buckets - Packaging material: bags (paper with LDPE foil) in folding boxes (paper) or buckets (Polypropylene)

4.2.1 Use-specific instructions for use

- 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.
- 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 (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.

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

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

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

See 5.4 below.

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

The shelf life of the product is 2 years. See 5.5 for further details.

4.3 Use description

Use 3 - Rats – trained professionals – Outdoor open areas & waste dumps

Product type

PT14 - Rodenticides (Pest control)

Where relevant, an exact description of the authorised use

Not relevant for rodenticides

Target organism(s) (including development stage)

Rattus norvegicus-Brown rat-juveniles and adults

Rattus rattus-Roof rat-juveniles and adults

Field(s) of use

Outdoor

- Outdoor open areas

- Outdoor waste dumps

Application method(s)

In bait boxes -

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

- Covered and protected baiting

Application rate(s) and frequencies

25-200 g of bait per bait station. - 100 -
If more than one bait station is needed, the minimum distance between bait stations should be of 5 - 10 meters.

Category(ies) of users

Trained professional

Pack sizes and packaging material

- Number of packed bags per packaging: 1×75g, 10×25g, 40×25g, 100×100g, 105×200g—blocks in foil in folding box, 15×25g, 72 x 25g, 320 x 25g—blocks in buckets

- Packaging material: bags (paper with LDPE foil) in folding boxes (paper) or buckets (Polypropylene)

4.3.1 Use-specific instructions for use

- 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.
- Follow any additional instructions provided by the relevant code of best practice

4.3.2 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.
- 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.

4.3.3 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 surface waters (e.g. rivers, ponds, water channels, dykes, irrigation ditches) or water drainage systems, ensure that bait contact with water is avoided.

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

See 5.4 below.

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

The shelf life of the product is 2 years. See 5.5 for further details.

4.4 Use description

Use 4 - Rats – trained professionals – sewers

Product type	PT14 - Rodenticides (Pest control)
Where relevant, an exact description of the authorised use	Not relevant for rodenticides
Target organism(s) (including development stage)	Rattus norvegicus-Brown rat-juveniles and adults
Field(s) of use	Other Sewers
Application method(s)	In bait boxes - - Ready-to-use bait to be used in tamper-resistant bait stations - Covered and protected baiting
Application rate(s) and frequencies	25-200 g of bait per bait station. - 100 - If more than one bait station is needed, the minimum distance between bait stations should be of 5 - 10 meters.
Category(ies) of users	Trained professional
Pack sizes and packaging material	- Number of packed bags per packaging: 1×75g, 10×25g, 40×25g, 100×100g, 105×200g–blocks in foil in folding box, 15×25g, 72 x 25g, 320 x 25g-blocks in buckets - Packaging material: bags (paper with LDPE foil) in folding boxes (paper) or buckets (Polypropylene)

4.4.1 Use-specific instructions for use

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

4.4.2 Use-specific risk mitigation measures

- Place baits only in sewer systems which are connected to the sewage treatment plant.
- Do not use this 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

See 5.3 below.

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

See 5.4 below.

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

The shelf life of the product is 2 years. See 5.5 for further details.

5. General directions for use

5.1. Instructions for use

- Read and follow the product information as well as any information accompanying the product or provided at the point of sale before using it.
- Carry out a pre-baiting survey of the infested area and an on-site assessment in order to identify the rodent species, their places of activity and determine the likely cause and the extent of the infestation.
- Remove food which is readily attainable for rodents (e.g. spilled grain or food waste). Apart from this, do not clean up the infested area just before the treatment, as this only disturbs the rodent population and makes bait acceptance more difficult to achieve.
- The product should only be used as part of an integrated pest management (IPM) system, including, amongst others, hygiene measures and, where possible, physical methods of control.
- 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.
- Remove the remaining bait or the bait stations at the end of the treatment period.

5.2. Risk mitigation measures

- Where possible, prior to the treatment inform any possible bystanders about the rodent control campaign in accordance with the applicable code of good practice.
- 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.

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 the uneaten bait and the packaging in accordance with local requirements.

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

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

6. Other information

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

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

- This product contains a bittering agent and a dye.

Additional elements to be considered for application in covered and protected bait points:

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

- Application rate(s) and frequency: 25 - 200 g of bait per bait station. If more than one bait station is needed, the minimum distance between bait stations should be of 5-10 meters.

- Category(ies) of users: Trained professionals only

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

- Additional specific risk mitigation measures: None