

# Summary of product characteristics for a biocidal product

**Product name:** Ratex granulat pentru deratizare

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

PT14 - Rodenticides (Pest control)

**Authorisation number:** RO/2019/0082/MRA/HU-2013-PA-14-00046-0000

**R4BP 3 asset reference number:** RO-0015862-0000

## Table Of Contents

Administrative information	1
1.1. Trade names of the product	1
1.2. Authorisation holder	1
1.3. Manufacturer(s) of the biocidal products	1
1.4. Manufacturer(s) of the active substance(s)	1
2. Product composition and formulation	2
2.1. Qualitative and quantitative information on the composition of the biocidal product	2
2.2. Type of formulation	2
3. Hazard and precautionary statements	2
4. Authorised use(s)	3
5. General directions for use	8
5.1. Instructions for use	9
5.2. Risk mitigation measures	9
5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment	10
5.4. Instructions for safe disposal of the product and its packaging	10
5.5. Conditions of storage and shelf-life of the product under normal conditions of storage	10
6. Other information	10

## Administrative information

### 1.1. Trade names of the product

Ratex rágcsálóirtó szer
RATEX prípravok na hubenie hlodavcov
Ratex granulat pentru deratizare

### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	Metatox Kft.
	Address	Kossuth utca 8. 5520 Szeghalom Hungary
<b>Authorisation number</b>	RO/2019/0082/MRA/HU-2013-PA-14-00046-0000	
<b>R4BP 3 asset reference number</b>	RO-0015862-0000	
<b>Date of the authorisation</b>	06/09/2013	
<b>Expiry date of the authorisation</b>	01/07/2024	

### 1.3. Manufacturer(s) of the biocidal products

<b>Name of the manufacturer</b>	Metatox Peszticid Gyártó-, és Forgalmazó Kft.
<b>Address of the manufacturer</b>	Kossuth u. 8. 5520 Szeghalom Hungary
<b>Location of manufacturing sites</b>	Kossuth u. 8. 5520 Szeghalom Hungary

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

<b>Active substance</b>	12 - Bromadiolone
<b>Name of the manufacturer</b>	PelGar International Ltd.
<b>Address of the manufacturer</b>	Unit 13. GU34 2QR Newman Lane, Alton, Hants. United Kingdom
<b>Location of manufacturing sites</b>	Unit 13. GU34 2QR Newman Lane, Alton, Hants. United Kingdom

## 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	3-[3-(4'-Bromo[1,1'-biphenyl]-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxy-2H-1-benzopyran-2-one	Active Substance	28772-56-7	249-205-9	0,0025

### 2.2. Type of formulation

GR - Granule
--------------

## 3. Hazard and precautionary statements

<b>Hazard statements</b>	May cause damage to organs through prolonged or repeated exposure (BLOOD).
<b>Precautionary statements</b>	<p>If medical advice is needed, have product container or label at hand.</p> <p>Keep out of reach of children.</p> <p>Read carefully and follow all instructions.</p> <p>Do no eat, drink or smoke when using this product.</p> <p>IF SWALLOWED:Immediately call a POISON CENTER.</p> <p>Get medical advice if you feel unwell.</p> <p>Store in accordance with away from food, drink and animal feed..</p>

Dispose of contents to according to the local regulations..  
 Dispose of container to according to the local regualtions..

## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - NON-PROFESSIONAL USE

<b>Product type</b>	PT14 - Rodenticides (Pest control)
<b>Where relevant, an exact description of the authorised use</b>	<p><b>For non-professionals:</b>          For use against mice and rats, commercially available bait stations (prefilled or refillable) or covered/protected bait points ara authorised. For both rats and mice, the bait stations should contain enough bait for one point (either rat or mouse). Bait stations/bait points are manually placed in the rodent infested area. Ideally bait boxes should be fixed to the ground. the product is intended for use in and around domestic, industrial, commercial and farm buildings.</p>
<b>Target organism(s) (including development stage)</b>	<p>Scientific name: Rodentia:          Common name: Rodents          Development stage: Adults</p> <p>Scientific name: Rodentia:          Common name: Rodents          Development stage: Juveniles</p> <p>Scientific name: Muridae:          Common name: Murids          Development stage: Adults</p> <p>Scientific name: Muridae:          Common name: Murids          Development stage: Juveniles</p> <p>Scientific name: Rattus norvegicus          Common name: Brown rat          Development stage: Adults</p> <p>Scientific name: Rattus norvegicus          Common name: Brown rat          Development stage: Juveniles</p> <p>Scientific name: Mus musculus          Common name: House mouse          Development stage: Adults</p> <p>Scientific name: Mus musculus          Common name: House mouse          Development stage: Juveniles</p> <p>Scientific name: Rattus norvegicus          Common name: Norway rat          Development stage: Juveniles</p> <p>Scientific name: Rattus norvegicus          Common name: Norway rat          Development stage: Adults</p>

Field(s) of use

**Application method(s)**

Indoor  Outdoor  In and around buildings. IV. 1.1.2 Indoor use, no potential for contamination outdoors. IV. 1.2.2 Indoor use, no potential for contamination outdoors. IV. 2. Outdoor use.
Method: Bait application Detailed description: <b>For non-professionals:</b> For use against mice and rats, commercially available bait stations (prefilled or refillable) or covered/protected bait points are authorised. For both rats and mice, the bait stations should contain enough bait for one point (either rat or mouse). Bait stations/bait points are manually placed in the rodent infested area. Ideally bait boxes should be fixed to the ground. The product is intended for use in and around domestic, industrial, commercial and farm buildings. Granular bait in aroma preservation sealed bag, packed in cardboard box. Baiting strategy: Indoor use: use in baiting boxes, or place the bait on paper or plastic trays. Place the bait near paths of rodents, in hidden and dark places behind objects. Outdoor use: place the bait onto paper or plastic trays and cover them so that it is accessible to rodents but inaccessible to unauthorised persons, children, domestic animals, non-target animals and birds. For fixation use a wire or a spike. It is advisable to use a plastic feeding box. Outdoors around the buildings place the bait in places that are protected from rain and are out of the reach of children and domestic animals. For rat control: use 650-100 gr of granules. Establish baiting points at every 5-10 m. For mice control: use 20-25 gr of granules. Establish baiting points at every 3-5 m. Death of rodents can be expected 4-10 days after consumption. Check the bait every 3-4 days and replace the consumed bait with fresh ones. Contaminated or spoiled bait should be removed and replaced with fresh product. Continue replacing the bait until the total elimination of rodents. If the baits remain intact but rodents still appear, place the feeding points to another location. The elimination of all rodents is to be expected within 2-6 weeks, depending on the extent of the infestation and on the size of the area. After treatment, collect all remaining bait, packaging and bait stations and collect carcasses. Clean up spilled bait.

**Application rate(s) and frequencies**

Application Rate: For rat control: use 650-100 gr of granules. Establish baiting points at every 5-10 m. For mice control: use 20-25 gr of granules. Establish baiting points at every 3-5 m Dilution (%): 0 Number and timing of application: For rat control: use 650-100 gr of granules. Establish baiting points at every 5-10 m. For mice control: use 20-25 gr of granules. Establish baiting points at every 3-5 m. Death of rodents can be expected 4-10 days after consumption. Check the bait every 3-4 days and replace the consumed bait with fresh ones. Contaminated or spoiled bait should be removed and replaced with fresh product. Continue replacing the bait until the total elimination of rodents. If the baits remain intact but rodents still appear, place the feeding points to another location. The elimination of all rodents is to be expected within 2-6 weeks, depending on the extent of the infestation and on the size of the area. After treatment, collect all remaining bait, packaging and bait stations and collect carcasses. Clean up spilled bait.
---

**Category(ies) of users**

General public (non-professional)
-----------------------------------

**Pack sizes and packaging material**

Rodenticide granules are packed in a cardboard box. Packaging sizes. 50 g, 100 g, 125 g and 150 g.
---

#### 4.1.1 Use-specific instructions for use

**For non-professionals:**

For use against mice and rats, commercially available bait stations (prefilled or refillable) or covered/protected bait points are authorised. For both rats and mice, the bait stations should contain enough bait for one point (either rat or mouse). Bait stations/bait points are manually placed in the rodent infested area. Ideally bait boxes should be fixed to the ground. The product is intended for use in and around domestic, industrial, commercial and farm buildings.

#### 4.1.2 Use-specific risk mitigation measures

The product must not penetrate the sewers, surface water, ground water and neighbouring areas. Methods for clean up: collect the product with mechanical means, store it in tight containers and dispose according to local legislation. Subsequently, wash the contaminated area with water, taking care to prevent the washings entering sewers or drains.

#### 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

Particulars of likely direct or indirect adverse effects and first aid instructions:

First aid measures: In case of poisoning or suspected poisoning, seek medical advice immediately and show the label to the physician!

Inhalation: None

Skin contact: Remove any contaminated clothing items and wash them before wearing them again. Wash skin with large amount of water and soap. Consult a physician if symptoms persist.

Eye contact: Keep the eye open by using your fingers and wash your eye thoroughly with large amount of water for a couple of minutes. If you wear contact lenses, remove them immediately. Consult a physician if symptoms persist.

Ingestion: Seek medical advice immediately and show the container, label or safety data sheet of the product. Induce vomiting only if your physician ordered you to do so. Wash your mouth thoroughly. Do not eat or drink! Rest in a warm place and consult your doctor. Do not give anything by mouth to an unconscious person.

Advice for doctors: Pharmacodynamic action: the active substance of the product is a competitive antagonist of Vitamin K and reduces the hepatic synthesis of Vitamin K-dependent factors. Following ingestion, the product may reduce coagulation and cause internal bleeding. There may be several days between the exposure and the appearance of symptoms. Give Vitamin K1 to the patient, if you notice the characteristic symptoms of bromadiolone poisoning (nasal bleeding, gum bleeding, haematuria (blood in urine), longer coagulation time, hematomas of bigger extent or of greater frequencies, suddenly appearing, and unusual visceral pain). If patient needs to get Vitamin K1 intravenously. Repeated administration of Vitamin K1 might be needed. Treatment: in case of ingestion of large quantities, induce vomiting, perform gastric lavage and monitor prothrombin activity; if it decreases, give Vitamin K. Contraindications: anticoagulants.

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

Product: Dispose the product waste in accordance with the local rules.

Empty packaging: empty containers are considered wastes of the same class as the contents and should be disposed of in accordance with the relevant local rules.

Carcasses: The dead rodent carcasses should be collected with protective gloves in plastic bags turned inside out, then they should be put in a second bag and knotted to close. The carcass in a double plastic bag should be placed in a closed waste container.

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

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

Keep in a closed, dry and well-ventilated area.

Protect from light, heat and naked flames.

Keep away from food and animal feedstuffs.

Keep away from oxidising agents, sources of ignition.

Shelf life: 2 years.

#### 4.2 Use description

## Use 2 - PROFESSIONAL USE

### Product type

PT14 - Rodenticides (Pest control)

### Where relevant, an exact description of the authorised use

#### **For professionals:**

Granular bait in aroma preservation sealed bag, packed in cardboard box/polypropylene bag. Place the baits near paths of rodents, in hidden and dark places, possibly in baiting stations, paper or plastic boxes, or on trays and behind objects. Around the buildings, place the bait in places that are protected from rain and are out of the reach of children and domestic animals. Each baiting point (outdoors and indoors) should be marked with warning notice. Secure the bait to prevent if being dragged away. Use in line with the following decretero: 38/2003. (VII.7.) ESzCsM-FVM-KvVM.

### Target organism(s) (including development stage)

Scientific name: Rodentia:  
Common name: Rodents  
Development stage: Adults

Scientific name: Rodentia:  
Common name: Rodents  
Development stage: Juveniles

Scientific name: Muridae:  
Common name: Murids  
Development stage: Adults

Scientific name: Muridae:  
Common name: Murids  
Development stage: Juveniles

Scientific name: Rattus norvegicus  
Common name: Brown rat  
Development stage: Adults

Scientific name: Rattus norvegicus  
Common name: Brown rat  
Development stage: Juveniles

Scientific name: Mus musculus  
Common name: House mouse  
Development stage: Adults

Scientific name: Mus musculus  
Common name: House mouse  
Development stage: Juveniles

Scientific name: Rattus norvegicus  
Common name: Norway rat  
Development stage: Adults

Scientific name: Rattus norvegicus  
Common name: Norway rat  
Development stage: Juveniles

### Field(s) of use

Indoor

Outdoor

In and around buildings.

IV. 1.1.2 Indoor use, no potential for contamination outdoors.

IV. 1.2.2 Indoor use, no potential for contamination outdoors.

IV. 2. Outdoor use.

### Application method(s)

Method: In bait boxes

Detailed description:

#### **For professionals:**

Granular bait in aroma preservation sealed bag, packed in cardboard box/polypropylene bag. Place the baits near paths of rodents, in hidden and dark places, possibly in baiting stations, paper or plastic boxes, or on trays and behind objects. Around the buildings, place the bait in places that are protected from rain and are out of the reach of children and domestic animals. Each baiting point (outdoors and indoors) should be marked with warning notice. Secure the bait to prevent if being dragged away. Use in



	<p>line with the following decree: 38/2003. (VII.7.) ESzCsM-FVM-KvVM.  Baiting strategy:  For rat control:  Outdoor use: Apply a maximum of 0,20 kg in tamper proof rat baiting box.  Indoor use: in closed areas place out max. 0,20 kg in baiting boxes, or in cardboard boxes, or on trays. Apply warning notices! Establish one baiting point by every at 5-10 m. Provide warning notice for each baiting point.  For mouse control:  Use 0,02-0,025 kg of bait in each tamper proof baiting box. Place the baiting boxes along the walls. Establish one baiting point by every 3-5 m. Provide warning notice for each baiting point. In case of heavy infestation double the number of baiting points. Death of rodents can be expected 4-10 days after consumption. Check the bait every 3-4 days and replace the consumed bait with fresh ones. contaminated or spoiled bait should be removed and replaced with fresh product. Continue replacing the bait until the total elimination of rodents. If the baits remain intact but rodents still appear, place the feeding points to another location. The elimination of all rodents is to be expected within 2-6 weeks, depending on the extent of the infestation and on the size of the area. After treatment, collect all remaining bait, packaging and bait stations and collect carcasses. Clean up spilled bait.</p>
<p><b>Application rate(s) and frequencies</b></p>	<p>Application Rate: For rat control: use max.0,20 kg of bait. For mouse control: use 0,02-0,025 kg of bait.  Dilution (%): 0  Number and timing of application:  For rat control:  Outdoor use: Apply a maximum of 0,20 kg in tamper proof rat baiting box.  Indoor use: in closed areas place out max. 0,20 kg in baiting boxes, or in cardboard boxes, or on trays. Apply warning notices! Establish one baiting point by every at 5-10 m. Provide warning notice for each baiting point.  For mouse control:  Use 0,02-0,025 kg of bait in each tamper proof baiting box. Place the baiting boxes along the walls. Establish one baiting point by every 3-5 m. Provide warning notice for each baiting point. In case of heavy infestation double the number of baiting points. Death of rodents can be expected 4-10 days after consumption. Check the bait every 3-4 days and replace the consumed bait with fresh ones. contaminated or spoiled bait should be removed and replaced with fresh product. Continue replacing the bait until the total elimination of rodents. If the baits remain intact but rodents still appear, place the feeding points to another location. The elimination of all rodents is to be expected within 2-6 weeks, depending on the extent of the infestation and on the size of the area. After treatment, collect all remaining bait, packaging and bait stations and collect carcasses. Clean up spilled bait.</p>
<p><b>Category(ies) of users</b></p>	<p>Industrial  Trained professional  Professional</p>
<p><b>Pack sizes and packaging material</b></p>	<p>Rodenticide granules packed in an aroma preservation sealed bag in cardboard box.  Packaging sizes: 2 kg, 2.5 kg és 5 kg  Rodenticide granules in inner plastic coated polypropylene bag.  Packaging sizes: 20 kg, 25 kg és 50 kg</p>

#### 4.2.1 Use-specific instructions for use

#### 4.2.1 Use-specific instructions for use

**For professionals:**

Granular bait in aroma preservation sealed bag, packed in cardboard box/polypropylene bag. Place the baits near paths of rodents, in hidden and dark places, possibly in baiting stations, paper or plastic boxes, or on trays and behind objects. Around the buildings, place the bait in places that are protected from rain and are out of the reach of children and domestic animals. Each baiting point (outdoors and indoors) should be marked with warning notice. Secure the bait to prevent it being dragged away. Use in line with the following decree: 38/2003. (VII.7.) ESzCsM-FVM-KvVM.

#### 4.2.2 Use-specific risk mitigation measures

The product must not penetrate the sewers, surface water, ground water and neighbouring areas. Methods for clean up: collect the product with mechanical means, store it in tight containers and dispose according to local legislation. subsequently, wash the contaminated area with water, taking care to prevent the washings entering sewers or drains.

#### 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

Particulars of likely direct or indirect adverse effects and first aid instructions:

First aid measures: In case of poisoning or suspected poisoning, seek medical advice immediately and show the label to the physician!

Inhalation: None

Skin contact: Remove any contaminated clothing items and wash them before wearing them again. Wash skin with large amount of water and soap. Consult a physician if symptoms persist.

Eye contact: Keep the eye open by using your fingers and wash your eye thoroughly with large amount of water for a couple of minutes. If you wear contact lenses, remove them immediately. Consult a physician if symptoms persist.

Ingestion: Seek medical advice immediately and show the container, label or safety data sheet of the product. Induce vomiting only if your physician ordered you to do so. Wash your mouth thoroughly. Do not eat or drink! Rest in a warm place and consult your doctor. Do not give anything by mouth to an unconscious person.

Advice for doctors: Pharmacodynamic action: the active substance of the product is a competitive antagonist of Vitamin K and reduces the hepatic synthesis of Vitamin K-dependent factors. Following ingestion, the product may reduce coagulation and cause internal bleeding. There may be several days between the exposure and the appearance of symptoms. Give Vitamin K1 to the patient, if you notice the characteristic symptoms of bromadiolone poisoning (nasal bleeding, gum bleeding, haematuria (blood in urine), longer coagulation time, hematomas of bigger extent or of greater frequencies, suddenly appearing, and unusual visceral pain). If patient needs to get Vitamin K1 intravenously. Repeated administration of Vitamin K1 might be needed. Treatment: in case of ingestion of large quantities, induce vomiting, perform gastric lavage and monitor prothrombin activity; if it decreases, give Vitamin K. Contraindications: anticoagulants.

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

Product: Dispose the product waste in accordance with the local rules.

Empty packaging: empty containers are considered wastes of the same class as the contents and should be disposed of in accordance with the relevant local rules.

Carcasses: The dead rodent carcasses should be collected with protective gloves in plastic bags turned inside out, then they should be put in a second bag and knotted to close. The carcass in a double plastic bag should be placed in a closed waste container.

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

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

Keep in a closed, dry and well-ventilated area.

Protect from light, heat and naked flames.

Keep away from food and animal feedstuffs.

Keep away from oxidising agents, sources of ignition.

Shelf life: 2 years.

### 5. General directions for use

## 5.1. Instructions for use

### **For non-professionals:**

For use against mice and rats, commercially available bait stations (prefilled or refillable) or covered/protected bait points are authorised. For both rats and mice, the bait stations should contain enough bait for one point (either rat or mouse). Bait stations/bait points are manually placed in the rodent infested area. Ideally bait boxes should be fixed to the ground. The product is intended for use in and around domestic, industrial, commercial and farm buildings.

Granular bait in aroma preservation sealed bag, packed in cardboard box.

Baiting strategy:

Indoor use: use in baiting boxes, or place the bait on paper or plastic trays. Place the bait near paths of rodents, in hidden and dark places behind objects.

Outdoor use: place the bait onto paper or plastic trays and cover them so that it is accessible to rodents but inaccessible to unauthorised persons, children, domestic animals, non-target animals and birds. For fixation use a wire or a spike. It is advisable to use a plastic feeding box. Outdoors around the buildings place the bait in places that are protected from rain and are out of the reach of children and domestic animals.

For rat control: use 650-100 gr of granules. Establish baiting points at every 5-10 m.

For mice control: use 20-25 gr of granules. Establish baiting points at every 3-5 m.

Death of rodents can be expected 4-10 days after consumption. Check the bait every 3-4 days and replace the consumed bait with fresh ones. Contaminated or spoiled bait should be removed and replaced with fresh product. Continue replacing the bait until the total elimination of rodents. If the baits remain intact but rodents still appear, place the feeding points to another location. The elimination of all rodents is to be expected within 2-6 weeks, depending on the extent of the infestation and on the size of the area. After treatment, collect all remaining bait, packaging and bait stations and collect carcasses. Clean up spilled bait.

### **For professionals:**

Granular bait in aroma preservation sealed bag, packed in cardboard box/polypropylene bag. Place the baits near paths of rodents, in hidden and dark places, possibly in baiting stations, paper or plastic boxes, or on trays and behind objects. Around the buildings, place the bait in places that are protected from rain and are out of the reach of children and domestic animals. Each baiting point (outdoors and indoors) should be marked with warning notice. Secure the bait to prevent it from being dragged away. Use in line with the following decree: 38/2003. (VII.7.) ESzCsM-FVM-KvVM.

Baiting strategy:

For rat control:

Outdoor use: Apply a maximum of 0,20 kg in tamper proof rat baiting box.

Indoor use: in closed areas place out max. 0,20 kg in baiting boxes, or in cardboard boxes, or on trays. Apply warning notices!

Establish one baiting point by every 5-10 m. Provide warning notice for each baiting point.

For mouse control:

Use 0,02-0,025 kg of bait in each tamper proof baiting box. Place the baiting boxes along the walls. Establish one baiting point by every 3-5 m. Provide warning notice for each baiting point. In case of heavy infestation double the number of baiting points.

Death of rodents can be expected 4-10 days after consumption. Check the bait every 3-4 days and replace the consumed bait with fresh ones. Contaminated or spoiled bait should be removed and replaced with fresh product. Continue replacing the bait until the total elimination of rodents. If the baits remain intact but rodents still appear, place the feeding points to another location. The elimination of all rodents is to be expected within 2-6 weeks, depending on the extent of the infestation and on the size of the area. After treatment, collect all remaining bait, packaging and bait stations and collect carcasses. Clean up spilled bait.

## 5.2. Risk mitigation measures

### **For non-professionals:**

Read the label before use! The product should be used only for rodent control and in compliance with the instructions for use. Apply only in places where children and non-target animals have no access to the bait. Avoid direct contact with the bait, handle with care. Wear protective gloves when applying the bait. It is strictly forbidden to eat, drink or smoke when using the product. Contaminated or expired/spoiled product should not be used. After application wash hands thoroughly with warm water and soap. Look for and remove dead rodents at frequent intervals during treatment, at least as often as when the baits are checked and/or replenished. Daily inspection may be required in some circumstances. Dispose of dead rodents in accordance with local requirements.

Store the bait in a dry, cool and closed place in original packaging, away from food and feedingstuffs, out of the reach of children.

The product is toxic to mammals and birds. Domestic animals (particularly dogs, cats and pigs), scavengers and predators may get poisoned when feeding on rats or mice that are either dead or sick as a result of consumption of the product. It is forbidden to use the product against non-target animals. Seek immediate medical advice in case of incidental poisoning or suspicion of it. Do not use in aquatic environment or allow the product to enter an aquatic environment. To avoid hazards to humans and the environment, follow the instructions for use.

For professionals:

Read the label before use! The product should be used only for rodent control and in compliance with the instructions for use. Do not eat, drink or smoke when using the product! Avoid direct contact with the skin! Wear protective gloves when applying the bait. Do not use in aquatic environment or allow the product to enter an aquatic environment. Apply only in places where children and non-target animals have no access to the bait. After application wash hands thoroughly with warm water and soap. In case of poisoning or suspicion of it, consult a physician. Seek immediate medical advice in case of incidental poisoning or suspicion of it.

To avoid hazards to humans and the environment, follow the instructions for use. The MSDS of the product is available on demand.

The resistance status of the target population should be taken into account when considering the choice of rodenticide to be used.

Where possible, secure baits so that they cannot be dragged away. 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. Look for and remove dead rodents at frequent intervals during treatment, at least as often as when the baits are checked and/or replenished. Daily inspection may be required in some circumstances. Dispose of dead rodents in accordance with local requirements. Store the product in a dry, cool and closed place in original packaging, away from food and feedingstuffs, out of the reach of the children and domestic animals.

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

The product must not penetrate the sewers, surface water, ground water and neighbouring areas. Methods for cleanin up: collect the product with mechanical means, store it in tight conainers and dispose according to local legislatiion. subsequently, wash the contaminated area with water, taking care to prevent the washings entering sewers or drains.

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

Product: Dispose the product waste in accordance with the local rules.  
Empty packaging: empty containers are considered wastes of the same class as the contents and should be disposed of in accordance with the relevant local rules.  
Carcasses: The dead rodent carcasses should be collected with prtective gloves in plastic bags turned inside out, then they should be put in a second bag and knotted to close. The carcass in a double plastic bag should be placed in a closed waste container.

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

Contditions of storage and shelf-life of the product under normal conditions of storage:  
Keep in a closed, dry and well-ventillated area.  
Protect from light, heat and naked flames.  
Keep away from food and animal feedstuffs.  
Keep away from oxidising agents, sources of ignition.  
Shelf life: 2 years.

## 6. Other information

**Product license numbers:**  
Primary License Number: HU-2013-PA-14-00046-0000  
Slovak Mutual Recognition License Number: SK14-MRS-004-1560/13  
Romanian Mutual Recognition License Number: RO-0015862-0000  
**Product trade names:**  
HU: Ratex rágcsálóirtó szer  
SK: RATEX prípravok na hubenie hlodavcov  
RO: Ratex granulat pentru deratizare