

**EN**

***ANNEX***

**SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT**

RATAN E PASTA

**Product type(s)**

PT14: Rodenticides

**Authorisation number:** 2013-10-29-B01a

**R4BP asset number:** MT-0002795-0000

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## 1. ADMINISTRATIVE INFORMATION

### 1.1. Trade name(s) of the product

Trade name(s)	RATAN E PASTA
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### 1.2. Authorisation holder

Name and address of the authorisation holder	Name	Sepran sas
	Address	Via Brenta, 20 36033 Isola Vicentina Italy
Authorisation number	2013-10-29-B01a	
<i>R4BP asset number</i>	MT-0002795-0000	
Date of the authorisation	20/03/2013	
Expiry date of the authorisation	31/12/2025	

### 1.3. Manufacturer(s) of the product

Name of manufacturer	Sepran Sas
Address of manufacturer	Via Brenta, 20 36033 Isola Vicentina (VI) Italy
Location of manufacturing sites	Sepran Srl, Via Brenta 20 36033 Isola Vicentina (VI) Italy  IMC Limited, F65 Hal Far Industrial Estate BBG 3000 Birzebbuga Malta  KOLLANT srl - Via C. Colombo, 7-7/A 30030 Vigonovo (VE) Italy  INDUSTRIALCHIMICA S.r.l. - Via Sorgaglia, 40 35020 Arre (PD) Italy  MAYER BRAÛN DEUTSCHLAND S.r.l. – Via Brigata Marche, 129 31030 Carbonera (TV) Italy

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

Active substance	Bromadiolone
Name of manufacturer	ACTIVA SRL
Address of manufacturer	Via Feltre 32 20132 Milan Italy
Location of manufacturing sites	Tezza S.r.l-via Tre Ponti 22 37050 S. Maria di Zevio Italy

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## 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 (%)
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	0,005 % (w/w)
calcium hydroxide		Non-Active substance	1305-62-0		0,375 % (w/w)

### 2.2. Type(s) of formulation

RB Bait (ready for use)

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### 3. HAZARD AND PRECAUTIONARY STATEMENTS

Hazard statements	H360D: May damage the unborn child.  H373: May cause damage to organs (Blood) through prolonged or repeated exposure {1:state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard: }.
Precautionary statements	P102: Keep out of reach of children.  P202: Do not handle until all safety precautions have been read and understood.  P280: Wear protective gloves.  P308+P313: IF exposed or concerned: Get medical advice.  P501: Dispose of contents in accordance with the current regulations on hazardous waste..

## 4. AUTHORISED USE(S)

### 4.1. Use description

**Table 1. HOUSE MOUSE - Professional Use - Inside Buildings**

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Ready to use rodenticide bait as fresh pasta
Target organism(s) (including development stage)	Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: From Juveniles to Adult Stadium
Field(s) of use	indoor use  CATEGORY OF USERS: PROFESSIONALS AREA OF USE: INSIDE BUILDINGS
Application method(s)	Method: bait application  Detailed description: RATAN E PASTA is a Ready to use rodenticide bait as fresh pasta to be used in tamper-proof bait containers or bait stations that are properly marked, covered and protected from atmospheric agents, from ingestion of non-target species and from dispersion into the environment.
Application rate(s) and frequency	Application rate: 40gr of RATAN E PASTA in every container, equivalent to 2 ready to use pasta baits of 20 grams each. Wherever it is necessary to place more containers, place these 5-10m from each other, in any case not less than 5m apart.  Dilution (%): 0  Number and timing of application:  40gr of RATAN E PASTA in every container, equivalent to 2 ready to use pasta baits of 20 grams each. Wherever it is necessary to place more containers, place these 5-10m from each other, in any case not less than 5m apart.
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	Ready to use rodenticide bait as fresh pasta 20 gr Ready to use rodenticide bait as paraffin wax blocks of 20gr Minimum Size from 1,5 kg to 25 kg.  Where applicable, the packaging is limited to bags packed separately with a maximum bag size of 10 kg. Packaging material: triple layer composite plastic (polyester / PET met / polyethylene)  <b>Type of packaging</b>  <b>Dimensions / volume of the packaging</b>

**Packaging material**

**Type and material of closure (s)**

**Expected user (eg Professional, non-professional)**

**Compatibility of the product with the proposed packaging materials (Yes / No)**

**1) Type of packaging** Can with label or printed  
**Dimensions / volume of the packaging** from 1,5 Kg - to 5 kg  
**Packaging Material** Plastic composite (HDPE)  
**Type and material of closure(s)** Sealed Cans  
**Expected user (eg. Professional, non-professional)**  
Professionals, Trained Professionals  
**Compatibility of the product with the proposed packaging materials (Yes / No)** Yes

**2) Type of packaging** Sack/Bag with label or printed  
**Dimensions / volume of the packaging** from 1,5 Kg - to 25 kg  
**Packaging Material** Plastic composite  
**Type and material of closure(s)** Prefabricated bags or mass-production bags, both heat-sealed  
**Expected user (eg. Professional, non-professional)**  
Professionals, Trained Professionals  
**Compatibility of the product with the proposed packaging materials (Yes / No)** Yes

**3) Type of packaging** Sack / bag with label or printed - with internal plastic lining  
**Dimensions / volume of the packaging** from 1,5 Kg - to 10 Kg - internal lining maximum size 10kg  
**Packaging Material** Plasti composite  
**Type and material of closure(s)** Prefabricated bags or mass-production bags, both heat-sealed  
**Expected user (eg. Professional, non-professional)**  
Professionals, Trained Professionals  
**Compatibility of the product with the proposed packaging materials (Yes / No)** Yes

**4) Type of packaging** Plastic Bucket (HDPE) with label  
**Dimensions / volume of the packaging** From 1,5 Kg - to 25 Kg  
**Packaging Material** Plastic bucket (HDPE) with label  
**Type and material of closure(s)** Sealed rectangular or truncated cone bucket  
**Expected user (eg. Professional, non-professional)**  
Professionals, Trained Professionals  
**Compatibility of the product with the proposed packaging materials (Yes / No)** Yes

**5) Type of packaging** Plastic Bucket (HDPE) with label - with internal plastic lining  
**Dimensions / volume of the packaging** From 1,5 Kg - to 10 Kg - internal lining maximum size 10kg  
**Packaging Material** Plastic Bucket (HDPE) with label  
**Type and material of closure(s)** Sealed rectangular or truncated cone bucket  
**Expected user (eg. Professional, non-professional)**  
Professionals, Trained professionals

	<p><b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p> <p><b>6) Type of packaging</b> Cardboard sack printed or with label - with internal plastic lining</p> <p><b>Dimensions / volume of the packaging</b> from 1,5 Kg - to 10 Kg - internal lining maximum size 10kg</p> <p><b>Packaging Material</b> Cardboard + Plastic composite</p> <p><b>Type and material of closure(s)</b> Prefabricated bags or mass-production bags, both heat-sealed</p> <p><b>Expected user (eg. Professional, non-professional)</b> Professionals, Trained professionals</p> <p><b>Compatibility of the product with the proposed packaging materials (Yes / No)</b>Yes</p> <p><b>7) Type of packaging</b> Cardboard labeled or printed with internal plastic lining</p> <p><b>Dimensions / volume of the packaging</b> From 1,5 Kg - to 10 Kg individual inner plastic bags up to 10kg each</p> <p><b>Packaging Material</b> Cardboard + Plastic composite</p> <p><b>Type and material of closure(s)</b> prefabricated Cardboard</p> <p><b>Expected user (eg. Professional, non-professional)</b> Professionals, Trained professionals</p> <p><b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p>
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#### 4.1.1. Use-specific instructions

The containers must be inspected every 2-3 days at the start of treatment and then weekly. This is necessary to verify the integrity of the containers, the consumption of bait and to remove any dead rodents. Replenish the bait as necessary. Follow any further instructions provided by the relevant good practices.

#### 4.1.2. Use-specific risk mitigation measures

If possible, before the treatment, inform the possible bystanders of the current rodent control campaign.

Do not apply in areas where resistance to the active ingredient is suspected.

To reduce the risk of secondary poisoning, search and remove at frequent intervals, any dead rodents during the treatment (for example 2 times a week).

The product must not be used for more than 35 days without an evaluation of the infestation and the efficacy of the treatment.

Do not use the products containing anticoagulants as active ingredient as permanent baits for the prevention of infestation or monitoring of rodent activity

Dispose of dead rodents according to current legislation.

At the end of the treatment, dispose of the uneaten bait and packing according to the current legislation.

#### 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

In case of placement of bait stations near surface water (for example rivers, ponds, water canals, dykes, irrigation canals) or water drainage systems, prevent the bait from coming in contact with water.

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

Dispose of dead rodents according to current legislation.

At the end of the treatment, dispose of the uneaten bait and packing according to the current legislation.

Rodents can be carriers of diseases. Do not touch dead rodents with bare hands: for their disposal, use gloves or tools such as pliers.

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

Validity 2 years

#### 4.2. Use description

**Table 2. RATS - Professional Use - Inside Buildings**

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Ready to use rodenticide bait as fresh pasta
Target organism(s) (including development stage)	Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: From Juveniles to Adult Stadium  Scientific name: <i>Rattus rattus</i> Common name: roof rat Development stage: From Juveniles to Adult Stadium
Field(s) of use	indoor use  CATEGORY OF USERS: PROFESSIONALS AREA OF USE: INSIDE BUILDINGS
Application method(s)	Method: bait application  Detailed description: RATAN E PASTA is a Ready to use rodenticide bait as fresh pasta to be used in tamper-proof bait containers or bait stations that are properly marked, covered and protected from atmospheric agents, from ingestion of non-target species and from dispersion into the environment.
Application rate(s) and frequency	Application rate: 60-100gr of RATAN E PASTA in every container, equivalent to 3-5 ready to use pasta baits of 20 grams each. Wherever it is necessary to place more containers, place these 5-10m from each other, in any case not less than 5m apart  Dilution (%): 0



	<p>Number and timing of application: 60-100gr of RATAN E PASTA in every container, equivalent to 3-5 ready to use pasta baits of 20 grams each. Wherever it is necessary to place more containers, place these 5-10m from each other, in any case not less than 5m apart</p>
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	<p>Ready to use rodenticide bait as fresh pasta 20 gr Ready to use rodenticide bait as paraffin wax blocks of 20gr Minimum Size from 1,5 kg to 25 kg.</p> <p>Where applicable, the packaging is limited to bags packed separately with a maximum bag size of 10 kg. Packaging material: triple layer composite plastic (polyester / PET met / polyethylene)</p> <p><b>Type of packaging</b></p> <p><b>Dimensions / volume of the packaging</b></p> <p><b>Packaging material</b></p> <p><b>Type and material of closure (s)</b></p> <p><b>Expected user (eg Professional, non-professional)</b></p> <p><b>Compatibility of the product with the proposed packaging materials (Yes / No)</b></p> <p><b>1) Type of packaging</b> Can with label or printed <b>Dimensions / volume of the packaging</b> from 1,5 Kg - to 5 kg <b>Packaging Material</b> Plastic composite (HDPE) <b>Type and material of closure(s)</b> Sealed Cans <b>Expected user (eg. Professional, non-professional)</b> Professionals, Trained Professionals <b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p> <p><b>2) Type of packaging</b> Sack/Bag with label or printed <b>Dimensions / volume of the packaging</b> from 1,5 Kg - to 25 kg <b>Packaging Material</b> Plastic composite <b>Type and material of closure(s)</b> Prefabricated bags or mass-production bags, both heat-sealed <b>Expected user (eg. Professional, non-professional)</b> Professionals, Trained Professionals <b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p> <p><b>3) Type of packaging</b> Sack / bag with label or printed - with internal plastic lining <b>Dimensions / volume of the packaging</b> from 1,5 Kg - to 10 Kg - internal lining maximum size 10kg <b>Packaging Material</b> Plasti composite <b>Type and material of closure(s)</b> Prefabricated bags or mass-production bags, both heat-sealed</p>

	<p><b>Expected user (eg. Professional, non-professional)</b> Professionals, Trained Professionals</p> <p><b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p> <p><b>4) Type of packaging</b> Plastic Bucket (HDPE) with label</p> <p><b>Dimensions / volume of the packaging</b> From 1,5 Kg - to 25 Kg</p> <p><b>Packaging Material</b> Plastic bucket (HDPE) with label</p> <p><b>Type and material of closure(s)</b> Sealed rectangular or truncated cone bucket</p> <p><b>Expected user (eg. Professional, non-professional)</b> Professionals, Trained Professionals</p> <p><b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p> <p><b>5) Type of packaging</b> Plastic Bucket (HDPE) with label - with internal plastic lining</p> <p><b>Dimensions / volume of the packaging</b> From 1,5 Kg - to 10 Kg - internal lining maximum size 10kg</p> <p><b>Packaging Material</b> Plastic Bucket (HDPE) with label</p> <p><b>Type and material of closure(s)</b> Sealed rectangular or truncated cone bucket</p> <p><b>Expected user (eg. Professional, non-professional)</b> Professionals, Trained professionals</p> <p><b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p> <p><b>6) Type of packaging</b> Cardboard sack printed or with label - with internal plastic lining</p> <p><b>Dimensions / volume of the packaging</b> from 1,5 Kg - to 10 Kg - internal lining maximum size 10kg</p> <p><b>Packaging Material</b> Cardboard + Plastic composite</p> <p><b>Type and material of closure(s)</b> Prefabricated bags or mass-production bags, both heat-sealed</p> <p><b>Expected user (eg. Professional, non-professional)</b> Professionals, Trained professionals</p> <p><b>Compatibility of the product with the proposed packaging materials (Yes / No)</b>Yes</p> <p><b>7) Type of packaging</b> Cardboard labeled or printed with internal plastic lining</p> <p><b>Dimensions / volume of the packaging</b> From 1,5 Kg - to 10 Kg individual inner plastic bags up to 10kg each</p> <p><b>Packaging Material</b> Cardboard + Plastic composite</p> <p><b>Type and material of closure(s)</b> prefabricated Cardboard</p> <p><b>Expected user (eg. Professional, non-professional)</b> Professionals, Trained professionals</p> <p><b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p>
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#### 4.2.1. Use-specific instructions

The containers must be inspected every 5-7days at the start of treatment and then weekly. This is necessary to verify the integrity of the containers, the consumption of bait and to remove any dead rodents. Replenish the bait as necessary. Follow any further instructions provided by the relevant good practices.

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#### 4.2.2. Use-specific risk mitigation measures

If possible, before the treatment, inform the possible bystanders of the current rodent control campaign.

Do not apply in areas where resistance to the active ingredient is suspected.

To reduce the risk of secondary poisoning, search and remove at frequent intervals, any dead rodents during the treatment (for example 2 times a week).

The product must not be used for more than 35 days without an evaluation of the infestation and the efficacy of the treatment.

Do not use the products containing anticoagulants as active ingredient as permanent baits for the prevention of infestation or monitoring of rodent activity

Between one application and the following, do not wash bait containers or utensils used in covering and protecting bait points with water.

Dispose of dead rodents according to current legislation.

#### 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

In case of placement of bait stations near surface water (for example rivers, ponds, water canals, dykes, irrigation canals) or water drainage systems, prevent the bait from coming in contact with water.

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

Dispose of dead rodents according to current legislation.

At the end of the treatment, dispose of the uneaten bait and packing according to the current legislation.

Rodents can be carriers of diseases. Do not touch dead rodents with bare hands: for their disposal, use gloves or tools such as pliers.

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

Validity 2 years

### 4.3. Use description

**Table 3. HOUSE MOUSE & RATS - Professional use - Use outside around buildings**

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Ready to use rodenticide bait as fresh pasta
Target organism(s) (including development stage)	Scientific name: <i>Rattus norvegicus</i> Common name: brown rat

	<p>Development stage: From Juveniles to Adult Stadium</p> <p>Scientific name: Rattus rattus Common name: roof rat Development stage: From Juveniles to Adult Stadium</p> <p>Scientific name: Mus musculus Common name: house mouse Development stage: From Juveniles to Adult Stadium</p>
Field(s) of use	<p>outdoor use</p> <p>CATEGORY OF USERS: PROFESSIONALS AREA OF USE: OUTSIDE, AROUND BUILDINGS</p>
Application method(s)	<p>Method: bait application</p> <p>Detailed description: RATAN E PASTA is a Ready to use rodenticide bait as fresh pasta to be used in tamper-proof bait containers or bait stations that are properly marked, covered and protected from atmospheric agents, from ingestion of non-target species and from dispersion into the environment.</p>
Application rate(s) and frequency	<p>Application rate: House Mouse: 40gr of RATAN E PASTA in every container, equivalent to 2 ready to use pasta baits of 20 grams each; Rats: 60-100gr of RATAN E PASTA in every container, equivalent to 3-5 ready to use pasta baits of 20 grams each. Wherever it is necessary to place more containers, place these 5-10m from each other, in any case not less than 5m apart.</p> <p>Dilution (%): 0</p> <p>Number and timing of application:</p> <p>House Mouse: 40gr of RATAN E PASTA in every container, equivalent to 2 ready to use pasta baits of 20 grams each; Rats: 60-100gr of RATAN E PASTA in every container, equivalent to 3-5 ready to use pasta baits of 20 grams each. Wherever it is necessary to place more containers, place these 5-10m from each other, in any case not less than 5m apart.</p>
Category(ies) of users	<p>trained professional</p>
Pack sizes and packaging material	<p>Ready to use rodenticide bait as fresh pasta 20 gr Ready to use rodenticide bait as paraffin wax blocks of 20gr Minimum Size from 1,5 kg to 25 kg.</p> <p>Where applicable, the packaging is limited to bags packed separately with a maximum bag size of 10 kg. Packaging material: triple layer composite plastic (polyester / PET met / polyethylene)</p> <p><b>Type of packaging</b></p> <p><b>Dimensions / volume of the packaging</b></p> <p><b>Packaging material</b></p>

**Type and material of closure (s)**

**Expected user (eg Professional, non-professional)**

**Compatibility of the product with the proposed packaging materials (Yes / No)**

**1) Type of packaging** Can with label or printed  
**Dimensions / volume of the packaging** from 1,5 Kg - to 5 kg  
**Packaging Material** Plastic composite (HDPE)  
**Type and material of closure(s)** Sealed Cans  
**Expected user (eg. Professional, non-professional)**

Professionals, Trained Professionals

**Compatibility of the product with the proposed packaging materials (Yes / No)** Yes

**2) Type of packaging** Sack/Bag with label or printed

**Dimensions / volume of the packaging** from 1,5 Kg - to 25 kg

**Packaging Material** Plastic composite

**Type and material of closure(s)** Prefabricated bags or mass-production bags, both heat-sealed

**Expected user (eg. Professional, non-professional)**

Professionals, Trained Professionals

**Compatibility of the product with the proposed packaging materials (Yes / No)** Yes

**3) Type of packaging** Sack / bag with label or printed - with internal plastic lining

**Dimensions / volume of the packaging** from 1,5 Kg - to 10 Kg - internal lining maximum size 10kg

**Packaging Material** Plasti composite

**Type and material of closure(s)** Prefabricated bags or mass-production bags, both heat-sealed

**Expected user (eg. Professional, non-professional)**

Professionals, Trained Professionals

**Compatibility of the product with the proposed packaging materials (Yes / No)** Yes

**4) Type of packaging** Plastic Bucket (HDPE) with label

**Dimensions / volume of the packaging** From 1,5 Kg - to 25 Kg

**Packaging Material** Plastic bucket (HDPE) with label

**Type and material of closure(s)** Sealed rectangular or truncated cone bucket

**Expected user (eg. Professional, non-professional)**

Professionals, Trained Professionals

**Compatibility of the product with the proposed packaging materials (Yes / No)** Yes

**5) Type of packaging** Plastic Bucket (HDPE) with label - with internal plastic lining

**Dimensions / volume of the packaging** From 1,5 Kg - to 10 Kg - internal lining maximum size 10kg

**Packaging Material** Plastic Bucket (HDPE) with label

**Type and material of closure(s)** Sealed rectangular or truncated cone bucket

**Expected user (eg. Professional, non-professional)**

Professionals, Trained professionals

**Compatibility of the product with the proposed packaging materials (Yes / No)** Yes

	<p><b>6) Type of packaging</b> Cardboard sack printed or with label - with internal plastic lining</p> <p><b>Dimensions / volume of the packaging</b> from 1,5 Kg - to 10 Kg - internal lining maximum size 10kg</p> <p><b>Packaging Material</b> Cardboard + Plastic composite</p> <p><b>Type and material of closure(s)</b> Prefabricated bags or mass-production bags, both heat-sealed</p> <p><b>Expected user (eg. Professional, non-professional)</b> Professionals, Trained professionals</p> <p><b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p> <p><b>7) Type of packaging</b> Cardboard labeled or printed with internal plastic lining</p> <p><b>Dimensions / volume of the packaging</b> From 1,5 Kg - to 10 Kg individual inner plastic bags up to 10kg each</p> <p><b>Packaging Material</b> Cardboard + Plastic composite</p> <p><b>Type and material of closure(s)</b> prefabricated Cardboard</p> <p><b>Expected user (eg. Professional, non-professional)</b> Professionals, Trained professionals</p> <p><b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p>
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#### 4.3.1. Use-specific instructions

Protect the bait from atmospheric agents (e.g. rain, snow, etc.). Do not place the containers in areas subject to flooding.

The containers must be inspected (House Mouse: every 2-3 days) (Rats: every 5-7 days) at the start of treatment and then weekly. This is necessary to verify the integrity of the containers, the consumption of bait and to remove any dead rodents. Replenish the bait as necessary.

Do not apply the bait directly into the burrows.

Replace the baits in the containers if damaged by water or contaminated with dirt.

Follow any further instructions provided by the relevant good practices.

#### 4.3.2. Use-specific risk mitigation measures

If possible, before the treatment, inform the possible bystanders of the current rodent control campaign.

Do not apply in areas where resistance to the active ingredient is suspected.

To reduce the risk of secondary poisoning, search and remove at frequent intervals, any dead rodents during the treatment (for example 2 times a week).

The product must not be used for more than 35 days without an evaluation of the infestation and the efficacy of the treatment.

Do not use the products containing anticoagulants as active ingredient as permanent baits for the prevention of infestation or monitoring of rodent activity

Between one application and the following, do not wash bait containers or utensils used in covering and protecting bait points with water.

Dispose of dead rodents according to current legislation.

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#### **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**

In case of placement of bait stations near surface water (for example rivers, ponds, water canals, dykes, irrigation canals) or water drainage systems, prevent the bait from coming in contact with water.

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

Dispose of dead rodents according to current legislation.

At the end of the treatment, dispose of the uneaten bait and packing according to the current legislation.

Rodents can be carriers of diseases. Do not touch dead rodents with bare hands: for their disposal, use gloves or tools such as pliers.

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

Validity 2 years

### **4.4. Use description**

**Table 4. HOUSE MOUSE & RATS - Trained Professionals - Use outside around buildings**

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Ready to use rodenticide bait as fresh pasta
Target organism(s) (including development stage)	Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: From Juveniles to Adult Stadium  Scientific name: <i>Rattus rattus</i> Common name: roof rat Development stage: From Juveniles to Adult stadium  Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: From Juveniles to Adult Stadium

Field(s) of use	<p>outdoor use</p> <p>CATEGORY OF USERS: TRAINED PROFESSIONALS AREA OF USE: OUTSIDE, AROUND BUILDINGS</p>
Application method(s)	<p>Method: bait application</p> <p>Detailed description: RATAN E PASTA is a Ready to use rodenticide bait as fresh pasta to be used in tamper-proof bait containers or bait stations that are properly marked, covered and protected from atmospheric agents, from ingestion of non-target species and from dispersion into the environment.</p>
Application rate(s) and frequency	<p>Application rate: House Mouse: 40gr of RATAN E PASTA in every container, equivalent to 2 ready to use pasta baits of 20 grams each. Rats: in the case of high infestation: place 60-100gr of RATAN E PASTA in every container, equivalent to 5 ready to use pasta baits of 20 grams each. In case of low infestation: place 40-60gr of RATAN E PASTA in every container, equivalent to 3 ready to use pasta baits of 20 grams each. In the case of permanent baits: place 60-100gr of RATAN E PASTA in every container, equivalent to 3-5 ready to use pasta baits of 20 grams each.</p> <p>Dilution (%): 0</p> <p>Number and timing of application: House Mouse: 40gr of RATAN E PASTA in every container, equivalent to 2 ready to use pasta baits of 20 grams each. Rats: in the case of high infestation: place 60-100gr of RATAN E PASTA in every container, equivalent to 5 ready to use pasta baits of 20 grams each. In case of low infestation: place 40-60gr of RATAN E PASTA in every container, equivalent to 3 ready to use pasta baits of 20 grams each. In the case of permanent baits: place 60-100gr of RATAN E PASTA in every container, equivalent to 3-5 ready to use pasta baits of 20 grams each.</p>
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	<p>Ready to use rodenticide bait as fresh pasta 20 gr Ready to use rodenticide bait as paraffin wax blocks of 20gr Minimum Size from 1,5 kg to 25 kg.</p> <p>Where applicable, the packaging is limited to bags packed separately with a maximum bag size of 10 kg. Packaging material: triple layer composite plastic (polyester / PET met / polyethylene)</p> <p><b>Type of packaging</b></p> <p><b>Dimensions / volume of the packaging</b></p> <p><b>Packaging material</b></p> <p><b>Type and material of closure (s)</b></p> <p><b>Expected user (eg Professional, non-professional)</b></p>



**Compatibility of the product with the proposed packaging materials (Yes / No)**

**1) Type of packaging** Can with label or printed  
**Dimensions / volume of the packaging** from 1,5 Kg - to 5 kg  
**Packaging Material** Plastic composite (HDPE)  
**Type and material of closure(s)** Sealed Cans  
**Expected user (eg. Professional, non-professional)**  
Professionals, Trained Professionals

**Compatibility of the product with the proposed packaging materials (Yes / No)** Yes

**2) Type of packaging** Sack/Bag with label or printed  
**Dimensions / volume of the packaging** from 1,5 Kg - to 25 kg  
**Packaging Material** Plastic composite  
**Type and material of closure(s)** Prefabricated bags or mass-production bags, both heat-sealed  
**Expected user (eg. Professional, non-professional)**  
Professionals, Trained Professionals

**Compatibility of the product with the proposed packaging materials (Yes / No)** Yes

**3) Type of packaging** Sack / bag with label or printed - with internal plastic lining  
**Dimensions / volume of the packaging** from 1,5 Kg - to 10 Kg - internal lining maximum size 10kg  
**Packaging Material** Plasti composite  
**Type and material of closure(s)** Prefabricated bags or mass-production bags, both heat-sealed  
**Expected user (eg. Professional, non-professional)**  
Professionals, Trained Professionals

**Compatibility of the product with the proposed packaging materials (Yes / No)** Yes

**4) Type of packaging** Plastic Bucket (HDPE) with label  
**Dimensions / volume of the packaging** From 1,5 Kg - to 25 Kg  
**Packaging Material** Plastic bucket (HDPE) with label  
**Type and material of closure(s)** Sealed rectangular or truncated cone bucket  
**Expected user (eg. Professional, non-professional)**  
Professionals, Trained Professionals

**Compatibility of the product with the proposed packaging materials (Yes / No)** Yes

**5) Type of packaging** Plastic Bucket (HDPE) with label - with internal plastic lining  
**Dimensions / volume of the packaging** From 1,5 Kg - to 10 Kg - internal lining maximum size 10kg  
**Packaging Material** Plastic Bucket (HDPE) with label  
**Type and material of closure(s)** Sealed rectangular or truncated cone bucket  
**Expected user (eg. Professional, non-professional)**  
Professionals, Trained professionals

**Compatibility of the product with the proposed packaging materials (Yes / No)** Yes

**6) Type of packaging** Cardboard sack printed or with label - with internal plastic lining  
**Dimensions / volume of the packaging** from 1,5 Kg - to 10 Kg - internal lining maximum size 10kg  
**Packaging Material** Cardboard + Plastic composite

	<p><b>Type and material of closure(s)</b> Prefabricated bags or mass-production bags, both heat-sealed</p> <p><b>Expected user (eg. Professional, non-professional)</b> Professionals, Trained professionals</p> <p><b>Compatibility of the product with the proposed packaging materials (Yes / No)</b>Yes</p> <p><b>7) Type of packaging</b> Cardboard labeled or printed with internal plastic lining</p> <p><b>Dimensions / volume of the packaging</b> From 1,5 Kg - to 10 Kg individual inner plastic bags up to 10kg each</p> <p><b>Packaging Material</b> Cardboard + Plastic composite</p> <p><b>Type and material of closure(s)</b> prefabricated Cardboard</p> <p><b>Expected user (eg. Professional, non-professional)</b> Professionals, Trained professionals</p> <p><b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p>
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#### 4.4.1. Use-specific instructions

Remove any residual product at the end of treatment.

For use as a permanent bait: where possible, it is recommended to revisit the treated area not longer than every 4 weeks in order to avoid the possible selection of a resistant population.

Follow any further instructions provided by the relevant good practices.

When using in covered and protected bait stations: when using outside, the bait stations must be covered and placed in strategic places to minimize the exposure to non-target species.

Do not apply the product directly into the burrows.

#### 4.4.2. Use-specific risk mitigation measures

If possible, before the treatment, inform the possible bystanders (for example those who frequent the treated area and the surrounding area) of the current rodent control campaign. Consider preventive control measures in order to encourage the taking of the product and reduce the likelihood of re-infestation (for example, obstruct possible openings and remove potential sources of food and water as much as possible).

In order to reduce the risk of secondary poisoning during treatment and at frequent intervals, search for and collect dead rodents in accordance with the recommendations of the relevant good practice.

Do not use the product in treatments where the pulsed baiting technique is used.

In case of "permanent baiting": the treatment with the permanent baiting technique is strictly limited to those places with high potential for re-infestation if other methods of control have proved insufficient. The 'permanent baiting' strategy must be periodically re-evaluated in the context of an Integrated Pest Management (IPM) strategy and the risk assessment of a possible re-infestation.

#### 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

In case of placement of bait stations near surface water (for example rivers, ponds, water canals, dykes, irrigation canals) or water drainage systems, prevent the bait from coming in contact with water.

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

Dispose of dead rodents according to current legislation.

At the end of the treatment, dispose of the uneaten bait and packing according to the current legislation.

Rodents can be carriers of diseases. Do not touch dead rodents with bare hands: for their disposal, use gloves or tools such as pliers.

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

Validity 2 years

#### 4.5. Use description

**Table 5. TOPOLINI DOMESTICI e RATTI - Professionisti Formati - Uso all'interno degli edifici**

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Ready to use rodenticide bait as fresh pasta
Target organism(s) (including development stage)	<p>Scientific name: <i>Rattus norvegicus</i>  Common name: brown rat  Development stage: From Juveniles to Adult stadium</p> <p>Scientific name: <i>Rattus rattus</i>  Common name: roof rat  Development stage: From Juveniles to Adult Stadium</p> <p>Scientific name: <i>Mus musculus</i>  Common name: house mouse  Development stage: From Juveniles to Adult Stadium</p>
Field(s) of use	<p>indoor use</p> <p>CATEGORY OF USERS: TRAINED PROFESSIONALS  AREA OF USE: INSIDE BUILDINGS</p>
Application method(s)	<p>Method: bait application</p> <p>Detailed description: RATAN E PASTA is a Ready to use rodenticide bait as fresh pasta to be used in tamper-proof bait containers or bait stations that are properly marked, covered and protected from atmospheric agents, from ingestion of non-target species and from dispersion into the environment.</p>
Application rate(s) and frequency	<p>Application rate: House Mouse: 40gr of RATAN E PASTA in every container, equivalent to 2 ready to use pasta baits of 20 grams each; Rats: in the case of high infestation: place 60-100gr of RATAN E PASTA in every container, equivalent to 5 ready to</p>

	<p>use pasta baits of 20 grams each. In case of low infestation: place 40-60gr of RATAN E PASTA in every container, equivalent to 3 ready to use pasta baits of 20 grams each. In the case of permanent baits: place 60-100gr of RATAN E PASTA in every container, equivalent to 3-5 ready to use pasta baits of 20 grams each.</p> <p>Dilution (%): 0</p> <p>Number and timing of application:</p> <p>House Mouse: 40gr of RATAN E PASTA in every container, equivalent to 2 ready to use pasta baits of 20 grams each; Rats: in the case of high infestation: place 60-100gr of RATAN E PASTA in every container, equivalent to 5 ready to use pasta baits of 20 grams each. In case of low infestation: place 40-60gr of RATAN E PASTA in every container, equivalent to 3 ready to use pasta baits of 20 grams each. In the case of permanent baits: place 60-100gr of RATAN E PASTA in every container, equivalent to 3-5 ready to use pasta baits of 20 grams each.</p>
Category(ies) of users	trained professional
Pack sizes and packaging material	<p>Ready to use rodenticide bait as fresh pasta 20 gr  Ready to use rodenticide bait as paraffin wax blocks of 20gr  Minimum Size from 1,5 kg to 25 kg.</p> <p>Where applicable, the packaging is limited to bags packed separately with a maximum bag size of 10 kg.  Packaging material: triple layer composite plastic (polyester / PET met / polyethylene)</p> <p><b>Type of packaging</b></p> <p><b>Dimensions / volume of the packaging</b></p> <p><b>Packaging material</b></p> <p><b>Type and material of closure (s)</b></p> <p><b>Expected user (eg Professional, non-professional)</b></p> <p><b>Compatibility of the product with the proposed packaging materials (Yes / No)</b></p> <p>1) <b>Type of packaging</b> Can with label or printed  <b>Dimensions / volume of the packaging</b> from 1,5 Kg - to 5 kg  <b>Packaging Material</b> Plastic composite (HDPE)  <b>Type and material of closure(s)</b> Sealed Cans  <b>Expected user (eg. Professional, non-professional)</b>  Professionals, Trained Professionals  <b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p>

**2) Type of packaging** Sack/Bag with label or printed  
**Dimensions / volume of the packaging** from 1,5 Kg - to 25 kg  
**Packaging Material** Plastic composite  
**Type and material of closure(s)** Prefabricated bags or mass-production bags, both heat-sealed  
**Expected user (eg. Professional, non-professional)**  
Professionals, Trained Professionals  
**Compatibility of the product with the proposed packaging materials (Yes / No)** Yes

**3) Type of packaging** Sack / bag with label or printed - with internal plastic lining  
**Dimensions / volume of the packaging** from 1,5 Kg - to 10 Kg - internal lining maximum size 10kg  
**Packaging Material** Plasti composite  
**Type and material of closure(s)** Prefabricated bags or mass-production bags, both heat-sealed  
**Expected user (eg. Professional, non-professional)**  
Professionals, Trained Professionals  
**Compatibility of the product with the proposed packaging materials (Yes / No)** Yes

**4) Type of packaging** Plastic Bucket (HDPE) with label  
**Dimensions / volume of the packaging** From 1,5 Kg - to 25 Kg  
**Packaging Material** Plastic bucket (HDPE) with label  
**Type and material of closure(s)** Sealed rectangular or truncated cone bucket  
**Expected user (eg. Professional, non-professional)**  
Professionals, Trained Professionals  
**Compatibility of the product with the proposed packaging materials (Yes / No)** Yes

**5) Type of packaging** Plastic Bucket (HDPE) with label - with internal plastic lining  
**Dimensions / volume of the packaging** From 1,5 Kg - to 10 Kg - internal lining maximum size 10kg  
**Packaging Material** Plastic Bucket (HDPE) with label  
**Type and material of closure(s)** Sealed rectangular or truncated cone bucket  
**Expected user (eg. Professional, non-professional)**  
Professionals, Trained professionals  
**Compatibility of the product with the proposed packaging materials (Yes / No)** Yes

**6) Type of packaging** Cardboard sack printed or with label - with internal plastic lining  
**Dimensions / volume of the packaging** from 1,5 Kg - to 10 Kg - internal lining maximum size 10kg  
**Packaging Material** Cardboard + Plastic composite  
**Type and material of closure(s)** Prefabricated bags or mass-production bags, both heat-sealed  
**Expected user (eg. Professional, non-professional)**  
Professionals, Trained professionals  
**Compatibility of the product with the proposed packaging materials (Yes / No)** Yes

**7) Type of packaging** Cardboard labeled or printed with internal plastic lining  
**Dimensions / volume of the packaging** From 1,5 Kg - to 10 Kg individual inner plastic bags up to 10kg each  
**Packaging Material** Cardboard + Plastic composite

	<p><b>Type and material of closure(s)</b> prefabricated Cardboard</p> <p><b>Expected user (eg. Professional, non-professional)</b> Professionals, Trained professionals</p> <p><b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p>
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#### **4.5.1. Use-specific instructions**

Remove any residual product at the end of treatment.

For use as a permanent bait: where possible, it is recommended to revisit the treated area not longer than every 4 weeks in order to avoid the possible selection of a resistant population.

Follow any further instructions provided by the relevant good practices.

#### **4.5.2. Use-specific risk mitigation measures**

If possible, before the treatment, inform the possible bystanders (for example those who frequent the treated area and the surrounding area) of the current rodent control campaign. Consider preventive control measures in order to encourage the taking of the product and reduce the likelihood of re-infestation (for example, obstruct possible openings and remove potential sources of food and water as much as possible).

In order to reduce the risk of secondary poisoning during treatment and at frequent intervals, search for and collect dead rodents in accordance with the recommendations of the relevant good practice.

Do not use the product in treatments where the pulsed baiting technique is used.

In case of "permanent baiting": the treatment with the permanent baiting technique is strictly limited to those places with high potential for re-infestation if other methods of control have proved insufficient. The 'permanent baiting' strategy must be periodically re-evaluated in the context of an Integrated Pest Management (IPM) strategy and the risk assessment of a possible re-infestation. In case of placement of bait stations near water drainage systems, prevent the bait from coming in contact with water.

#### **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**

In case of placement of bait stations near water drainage systems, prevent the bait from coming in contact with water.

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

Dispose of dead rodents according to current legislation.

At the end of the treatment, dispose of the uneaten bait and packing according to the current legislation.

Rodents can be carriers of diseases. Do not touch dead rodents with bare hands: for their disposal, use gloves or tools such as pliers.

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

Validity 2 years

#### 4.6. Use description

**Table 6. RATTI - Professionisti Formati - Uso all'esterno, aree aperte**

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Ready to use rodenticide bait as fresh pasta
Target organism(s) (including development stage)	<p>Scientific name: <i>Rattus norvegicus</i>  Common name: brown rat  Development stage: From Juveniles to Adult Stadium</p> <p>Scientific name: <i>Rattus rattus</i>  Common name: roof rat  Development stage: From Juveniles to Adult Stadium</p>
Field(s) of use	<p>outdoor use</p> <p><b>CATEGORY OF USERS: TRAINED PROFESSIONALS</b>  <b>AREA OF USE: OUTSIDE, AROUND BUILDINGS and OPEN AREAS</b></p>
Application method(s)	<p>Method: bait application</p> <p>Detailed description: RATAN E PASTA is a Ready to use rodenticide bait as fresh pasta to be used in tamper-proof bait containers or bait stations that are properly marked, covered and protected from atmospheric agents, from ingestion of non-target species and from dispersion into the environment.</p>
Application rate(s) and frequency	<p>Application rate: In the case of high infestation: place 60-100gr of RATAN E PASTA in every container, equivalent to 5 ready to use pasta baits of 20 grams each. In case of low infestation: place 40-60gr of RATAN E PASTA in every container, equivalent to 3 ready to use pasta baits of 20 grams each. In the case of permanent baits: place 60-100gr of RATAN E PASTA in every container, equivalent to 3-5 ready to use pasta baits of 20 grams each.</p> <p>Dilution (%): 0</p> <p>Number and timing of application:  In the case of high infestation: place 60-100gr of RATAN E PASTA in every container, equivalent to 5 ready to use pasta baits of 20 grams each. In case of low infestation: place 40-60gr of RATAN E PASTA in every container, equivalent to 3 ready to use pasta baits of 20 grams each. In the case of permanent</p>

	baits: place 60-100gr of RATAN E PASTA in every container, equivalent to 3-5 ready to use pasta baits of 20 grams each.
Category(ies) of users	trained professional
Pack sizes and packaging material	<p>Ready to use rodenticide bait as fresh pasta 20 gr  Ready to use rodenticide bait as paraffin wax blocks of 20gr  Minimum Size from 1,5 kg to 25 kg.</p> <p>Where applicable, the packaging is limited to bags packed separately with a maximum bag size of 10 kg.  Packaging material: triple layer composite plastic (polyester / PET met / polyethylene)</p> <p><b>Type of packaging</b></p> <p><b>Dimensions / volume of the packaging</b></p> <p><b>Packaging material</b></p> <p><b>Type and material of closure (s)</b></p> <p><b>Expected user (eg Professional, non-professional)</b></p> <p><b>Compatibility of the product with the proposed packaging materials (Yes / No)</b></p> <p><b>1) Type of packaging</b> Can with label or printed  <b>Dimensions / volume of the packaging</b> from 1,5 Kg - to 5 kg  <b>Packaging Material</b> Plastic composite (HDPE)  <b>Type and material of closure(s)</b> Sealed Cans  <b>Expected user (eg. Professional, non-professional)</b>  Professionals, Trained Professionals  <b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p> <p><b>2) Type of packaging</b> Sack/Bag with label or printed  <b>Dimensions / volume of the packaging</b> from 1,5 Kg - to 25 kg  <b>Packaging Material</b> Plastic composite  <b>Type and material of closure(s)</b> Prefabricated bags or mass-production bags, both heat-sealed  <b>Expected user (eg. Professional, non-professional)</b>  Professionals, Trained Professionals  <b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p> <p><b>3) Type of packaging</b> Sack / bag with label or printed - with internal plastic lining  <b>Dimensions / volume of the packaging</b> from 1,5 Kg - to 10 Kg - internal lining maximum size 10kg  <b>Packaging Material</b> Plasti composite  <b>Type and material of closure(s)</b> Prefabricated bags or mass-production bags, both heat-sealed  <b>Expected user (eg. Professional, non-professional)</b>  Professionals, Trained Professionals  <b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p>



	<p><b>4) Type of packaging</b> Plastic Bucket (HDPE) with label  <b>Dimensions / volume of the packaging</b> From 1,5 Kg - to 25 Kg  <b>Packaging Material</b> Plastic bucket (HDPE) with label  <b>Type and material of closure(s)</b> Sealed rectangular or truncated cone bucket  <b>Expected user (eg. Professional, non-professional)</b> Professionals, Trained Professionals  <b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p> <p><b>5) Type of packaging</b> Plastic Bucket (HDPE) with label - with internal plastic lining  <b>Dimensions / volume of the packaging</b> From 1,5 Kg - to 10 Kg - internal lining maximum size 10kg  <b>Packaging Material</b> Plastic Bucket (HDPE) with label  <b>Type and material of closure(s)</b> Sealed rectangular or truncated cone bucket  <b>Expected user (eg. Professional, non-professional)</b> Professionals, Trained professionals  <b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p> <p><b>6) Type of packaging</b> Cardboard sack printed or with label - with internal plastic lining  <b>Dimensions / volume of the packaging</b> from 1,5 Kg - to 10 Kg - internal lining maximum size 10kg  <b>Packaging Material</b> Cardboard + Plastic composite  <b>Type and material of closure(s)</b> Prefabricated bags or mass-production bags, both heat-sealed  <b>Expected user (eg. Professional, non-professional)</b> Professionals, Trained professionals  <b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p> <p><b>7) Type of packaging</b> Cardboard labeled or printed with internal plastic lining  <b>Dimensions / volume of the packaging</b> From 1,5 Kg - to 10 Kg individual inner plastic bags up to 10kg each  <b>Packaging Material</b> Cardboard + Plastic composite  <b>Type and material of closure(s)</b> prefabricated Cardboard  <b>Expected user (eg. Professional, non-professional)</b> Professionals, Trained professionals  <b>Compatibility of the product with the proposed packaging materials (Yes / No)</b> Yes</p>
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#### 4.6.1. Use-specific instructions

Protect the bait from atmospheric conditions. Place the bait stations in areas not subject to flooding. Replace the bait if damaged or contaminated with dirt. Collect any residual product at the end of treatment. Follow any further instructions provided by the relevant good practices.

For use as a permanent bait: where possible, it is recommended to revisit the treated area not longer than every 4 weeks in order to avoid the possible selection of a resistant population.

When using in covered and protected bait stations: when using outside, the bait stations must be covered and placed in strategic places to minimize the exposure to non-target species.

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#### **4.6.2. Use-specific risk mitigation measures**

If possible, before the treatment, inform the possible bystanders (for example those who frequent the treated area and the surrounding area) of the current rodent control campaign.

Consider

preventive control measures in order to encourage the taking of the product and reduce the likelihood of re-infestation (for example, obstruct possible openings and remove potential sources of food and water as much as possible).

In order to reduce the risk of secondary poisoning during treatment and at frequent intervals, search for and collect dead rodents in accordance with the recommendations of the relevant good practice.

Do not use the product in treatments where the pulsed baiting technique is used.

In case of "permanent baiting": the treatment with the permanent baiting technique is strictly limited to those places with high potential for re-infestation if other methods of control have proved insufficient.

The 'permanent baiting' strategy must be periodically re-evaluated in the context of an Integrated Pest Management (IPM) strategy and the risk assessment of a possible re-infestation. Do not place baits directly into the nests.

#### **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**

In case of placement of bait stations near surface water (for example rivers, ponds, water canals, dykes, irrigation canals) or water drainage systems, prevent the bait from coming in contact with water.

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

Dispose of dead rodents according to current legislation.

At the end of the treatment, dispose of the uneaten bait and packing according to the current legislation.

Rodents can be carriers of diseases. Do not touch dead rodents with bare hands: for their disposal, use gloves or tools such as pliers.

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

Validity 2 years

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## 5. GENERAL DIRECTIONS FOR USE<sup>1</sup>

### 5.1. Instructions for use

Before use, read and follow the instructions on the packaging of the product as well as the information accompanying the product or supplied at the point of sale.

Before positioning of bait, carry out a site inspection of the infested area and an on-site assessment in order to identify the species of rodents, the area of activity and determine the probable causes and extent of the infestation.

Remove the source of food that is easily reached by the rodents (e.g. spilled grains or discarded food). Do not clean up the infested area just before treatment, as this will only disturb the rodent population and make it more difficult for them to accept the bait.

The product should be used only in the context of an Integrated Pest Management system (IPM), which includes, among other things, hygiene measures and, where possible, physical control methods.

Consider preventive control measures (for example: closing holes, removing, as far as possible, all sources of food and water) in order to check the amount of product consumed and reduce the possibility of re-infestation.

The containers with the bait must be positioned in the immediate vicinity of places where the activity of the rodents has been previously verified (for example walkways, nests, fences of entry of livestock, openings, dens, etc.).

Where possible, secure the bait containers to the ground or other structures.

The bait containers must be clearly labelled to show that these contain rodenticides and must not be removed or opened.

When the product is used in public areas, the treated areas must be sign posted during the period of treatment.

Next to the bait, a warning indicating the risk of primary and secondary poisoning by anticoagulant and the first aid measures to be followed in case of poisoning must be made available.

The bait must be fixed so as not to be dragged out of the bait container.

Place the product out of the reach of children, birds, pets, farm animals and other non-target animals.

Place the product away from food, drinks and animal feed as well as utensils or surfaces that may come into contact with the product.

Wear chemical-resistant protective gloves when handling the product.

Do not eat, drink or smoke while using the product. Wash hands and directly exposed skin after using the product.

The frequency of visits to the treated area is at the discretion of the operator, in light of the inspection conducted at the beginning of the treatment. The frequency of the visits must comply with the recommendations prescribed by the relevant good practices.

If the bait consumption is low compared to the size and evident infestation, consider repositioning the bait points in other places and the possibility of changing the type of formulation of bait.

If, after a treatment period of 35 days, the baits are still being consumed and a reduction in the activity of rodents is not observed, it is necessary to determine the most likely cause. If other elements have already been excluded, it is likely that resistant rodents could be present: consider, and, where available, the use of a non-anticoagulant rodenticide or an anticoagulant rodenticide which is more effective. Consider, in addition, the use of traps as an alternative means of control.

At the end of the treatment period remove any bait that is left or bait containers. Do not open the bags containing the bait.

Dangerous to wildlife.

### 5.2. Risk mitigation measures

Do not apply in areas where resistance to the active ingredient is suspected.

Do not use the product for more than 35 days without assessing the level of infestation and efficacy of the treatment.

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

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For proper resistance management, do not alternate the use of different anticoagulants but with comparable or inferior efficacy. Consider the use of non-anticoagulant rodenticides, if available, or a more effective anticoagulant.

Between one application and the following, do not wash bait containers or utensils used in covering and protecting bait points with water.

Dispose of dead rodents according to current legislation.

At the end of the treatment, dispose of the uneaten bait and packing according to the current legislation.

### **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 bleeding from the nose or gums. In severe cases, haematomas and blood in the faeces and urine may occur.

Antidote: Vitamin K1 can only be administered by medical / veterinary staff.

In case of:

Skin exposure, wash the skin with water and then with soap and water.

Ocular exposure, rinse the eyes with water or eye wash liquid, keep the eyelids open for at least 10 minutes.

Oral exposure, rinse the mouth thoroughly with water. Do not give anything by mouth to an unconscious person. Do not induce vomiting.

If swallowed, immediately contact a doctor and show him the container or label of the product.

Contact a veterinarian if swallowed by a domestic animal.

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

Dispose of dead rodents according to current legislation.

At the end of the treatment, dispose of the uneaten bait and packing according to the current legislation.

Rodents can be carriers of diseases. Do not touch dead rodents with bare hands: for their disposal, use gloves or tools such as pliers.

### **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 protected from direct sunlight.

Store in a place that is inaccessible to children, birds, pets and farm animals.

Validity 2 years

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## **6. OTHER INFORMATION**

Because of their delayed mode of action, anticoagulant rodenticides can take 4 to 10 days after being taken, to be effective.

Rodents can be carriers of diseases. Do not touch dead rodents with bare hands: for their disposal, use gloves or tools such as pliers.

This product contains a bittering agent and colouring.