

EN

ANNEX

SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT

Murin Forte Grain

Product type(s)

PT14: Rodenticides

Authorisation number: IE/BPA 70722

R4BP asset number: IE-0021763-0000

1. ADMINISTRATIVE INFORMATION

1.1. Trade name(s) of the product

Trade name(s)	Murin Forte Grain
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1.2. Authorisation holder

Name and address of the authorisation holder	Name	Vebi Istituto Biochimico s.r.l.
	Address	via Desman, 43 35010 Borgoricco Italy
Authorisation number	IE/BPA 70722	
<i>R4BP asset number</i>	IE-0021763-0000	
Date of the authorisation	25/07/2014	
Expiry date of the authorisation	31/12/2026	

1.3. Manufacturer(s) of the product

Name of manufacturer	VEBI Istituto Biochimico s.r.l.
Address of manufacturer	Via Desman, 43 35010 Borgoricco (PD) Italy
Location of manufacturing sites	VEBI Istituto Biochimico s.r.l. 35010 Borgoricco (PD) 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

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

2.2. Type(s) of formulation

RB Bait (ready for use)

3. HAZARD AND PRECAUTIONARY STATEMENTS

Hazard statements	H360D: May damage the unborn child. H372: Causes 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	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 to in accordance with national and international regulations. P260: Do not breathe dust. P201: Obtain special instructions before use. P270: Do not eat, drink or smoke when using this product.

4. AUTHORISED USE(S)

4.1. Use description

Table 1. House mice - professionals - indoor

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Not relevant for rodenticides
Target organism(s) (including development stage)	Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: juveniles Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: adults
Field(s) of use	indoor use Indoor
Application method(s)	Method: bait application Detailed description: Ready-to-use bait to be used in tamper-resistant bait stations
Application rate(s) and frequency	Application rate: 40g of bait per bait point. Dilution (%): 0 Number and timing of application: If more than one bait station is needed, the minimum distance between bait stations should be of 5 meters.
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	MURIN FORTE GRANO is furnished in two different type: 1. heat sealed in sachet (paper PE coated or plastic composite) from 10 to 30 g(i.e. 10g , 12,5 g, 15 g) 2. the product could be lose inside the packaging DIFFERENT Selling unit SOLD IN Primary and secondary packaging (not to be sold separately) 1. Primary packaging: envelope (plastic: PP MAT20 + PET MET12 + PE45) of 100g, 200g, 250g, 500g / Secondary packaging: carton box of 1,5Kg, 3Kg, 5Kg. (example 15

	<p>envelope of 100g in carton box of 2,5 kg, or 6 envelope of 500 g in carton box of 3 kg)</p> <p>2. Primary packaging: envelope (plastic: PP + PET + PE45) of 5Kg or 10Kg / Secondary packaging: carton box of 5Kg, 10Kg, 15Kg, 20Kg, 25Kg</p> <p>SOLD only with Primary packaging</p> <p>1. Envelope (plastic: PP MAT20 + PET MET 12 + PE60) from 2,5Kg to 5Kg.</p> <p>2. Bucket (HDPE) from 2,5Kg to 10Kg</p> <p>3. Cartonbox from 2,5Kg to 25Kg.</p> <p>4. sachet from 10g to 30g / Primary packaging: envelope (plastic: PP MAT20 + PET MET 12 + PE60) from 2,5Kg to 5Kg.</p> <p>5. sachet from 10g to 30g / Primary packaging: bucket (HDPE) from 2,5Kg to 10Kg</p> <p>6. sachet from 10d to 30g / Primary packaging: cartonbox from 2,5Kg to 25Kg</p>
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4.1.1. Use-specific instructions

The bait stations should be visited at least every 2 to 3 days at the beginning of the treatment and at least weekly afterwards, in order to check whether the bait is accepted, the bait stations are intact and to remove rodent bodies. Re-fill bait when necessary.

4.1.2. Use-specific risk mitigation measures

4.1.3. Use-specific risk mitigation measures

-During loose grain transfer operations wear appropriate protective devices for the respiratory tract (respiratory mask disposable EN149 FFP2). Avoid touching the product with bare hands and wear appropriate gloves”.

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

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

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

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

Shelf life: 24 months

4.2. Use description

Table 2. Rats - professionals - indoor

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Not relevant for rodenticides
Target organism(s) (including development stage)	Scientific name: Rattus norvegicus Common name: brown rat Development stage: juveniles Scientific name: Rattus norvegicus Common name: brown rat Development stage: adults Scientific name: Rattus rattus Common name: roof rat Development stage: juveniles Scientific name: Rattus norvegicus Common name: roof rat Development stage: adults
Field(s) of use	indoor use Indoor
Application method(s)	Method: bait application Detailed description: Ready-to-use bait to be used in tamper-resistant bait stations
Application rate(s) and frequency	Application rate: 60-100g of bait per bait point. If more than one bait station is needed, the minimum distance between bait stations should be of 5 meters. Dilution (%): 0 Number and timing of application: If more than one bait station is needed, the minimum distance between bait stations should be of 5 meters.
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	 MURIN FORTE GRANO is furnished in two different type:

1. heat sealed in sachet (paper PE coated or plastic composite) from 10 to 30 g(i.e. 10g , 12,5 g, 15 g)

2. the product could be lose inside the packaging

DIFFERENT Selling unit

SOLD IN Primary and secondary packaging (not to be sold separately)

1. Primary packaging: envelope (plastic: PP MAT20 + PET MET12 + PE45) of 100g, 200g, 250g, 500g / Secondary packaging: carton box of 2,5Kg, 3Kg, 5Kg. (example 15 envelope of 100g in carton box of 2,5 kg, or 6 envelope of 500 g in carton box of 3 kg)

2. Primary packaging: envelope (plastic: PP + PET + PE45) of 5Kg or 10Kg / Secondary packaging: carton box of 5Kg, 10Kg, 15Kg, 20Kg, 25Kg

SOLD only with Primary packaging

1. Envelope (plastic: PP MAT20 + PET MET 12 + PE60) from 2,5Kg to 5Kg.

2. Bucket (HDPE) from 2,5Kg to 10Kg

3. Cartonbox from 2,5Kg to 25Kg.

4. sachet from 10g to 30g / Primary packaging: envelope (plastic: PP MAT20 + PET MET 12 + PE60) from 2,5Kg to 5Kg.

5. sachet from 10g to 30g / Primary packaging: bucket (HDPE) from 2,5Kg to 10Kg

6. sachet from 10d to 30g / Primary packaging: cartonbox from 2,5Kg to 25Kg

4.2.1. Use-specific instructions

The bait stations should be visited at least every 5 to 7 days at the beginning of the treatment and at least weekly afterwards, in order to check whether the bait is accepted, the bait stations are intact and to remove rodent bodies. Re-fill bait when necessary.

4.2.2. Use-specific risk mitigation measures

4.2.3. Use-specific risk mitigation measures

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

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

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

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

Shelf life: 24 months

4.3. Use description

Table 3. House mice and rats - professionals -outdoor around buildings

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Not relevant for rodenticides
Target organism(s) (including development stage)	Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: juveniles Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: adults Scientific name: <i>Rattus rattus</i> Common name: roof rat Development stage: juveniles Scientific name: <i>Rattus rattus</i> Common name: roof rat Development stage: adults Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: juveniles Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: adults
Field(s) of use	outdoor use outdoor around buildings
Application method(s)	Method: bait application Detailed description: Ready-to-use bait to be used in tamper-resistant bait stations

Application rate(s) and frequency	<p>Application rate: House mouse: 40g of bait per bait point. Rattus: 60-100g of bait per bait point. If more than one bait station is needed, the minimum distance between bait stations should be of 5 meters.</p> <p>Dilution (%): 0</p> <p>Number and timing of application: If more than one bait station is needed, the minimum distance between bait stations should be of 5 meters.</p>
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	<p>MURIN FORTE GRANO is furnished in two different type:</p> <ol style="list-style-type: none"> 1. heat sealed in sachet (paper PE coated or plastic composite) from 10 to 30 g(i.e. 10g , 12,5 g, 15 g) 2. the product could be lose inside the packaging <p>DIFFERENT Selling unit</p> <p>SOLD IN Primary and secondary packaging (not to be sold separately)</p> <ol style="list-style-type: none"> 1. Primary packaging: envelope (plastic: PP MAT20 + PET MET12 + PE45) of 100g, 200g, 250g, 500g / Secondary packaging: carton box of 2,5Kg, 3Kg, 5Kg. (example 15 envelope of 100g in carton box of 2,5 kg, or 6 envelope of 500 g in carton box of 3 kg) 2. Primary packaging: envelope (plastic: PP + PET + PE45) of 5Kg or 10Kg / Secondary packaging: carton box of 5Kg, 10Kg, 15Kg, 20Kg, 25Kg <p>SOLD only with Primary packaging</p> <ol style="list-style-type: none"> 1. Envelope (plastic: PP MAT20 + PET MET 12 + PE60) from 2,5Kg to 5Kg. 2. Bucket (HDPE) from 2,5Kg to 10Kg 3. Cartonbox from 2,5Kg to 25Kg. 4. sachet from 10g to 30g / Primary packaging: envelope (plastic: PP MAT20 + PET MET 12 + PE60) from 2,5Kg to 5Kg.

	<p>5. sachet from 10g to 30g / Primary packaging: bucket (HDPE) from 2,5Kg to 10Kg</p> <p>6. sachet from 10d to 30g / Primary packaging: cartonbox from 2,5Kg to 25Kg</p>
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4.3.1. Use-specific instructions

- Protect bait from the atmospheric conditions (e.g. rain, snow, etc.). Place the bait stations in areas not liable to flooding.
- The bait stations should be visited [for mice - at least every 2 to 3 days at] [for rats - only 5 to 7 days after] the beginning of the treatment and at least weekly afterwards, in order to check whether the bait is accepted, the bait stations are intact and to remove rodent bodies. Re-fill bait when necessary.
- Replace any bait in a bait station in which bait has been damaged by water or contaminated by dirt.

4.3.2. Use-specific risk mitigation measures

4.3.3. Use-specific risk mitigation measures

Do not apply this product directly in the burrows.

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

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

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

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

Shelf life: 24 months

4.4. Use description

Table 4. House mice and rats - trained professionals - indoor

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Not relevant for rodenticides

<p>Target organism(s) (including development stage)</p>	<p>Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: other: juvenile to adult</p> <p>Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: adults</p> <p>Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: juveniles</p> <p>Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: adults</p> <p>Scientific name: <i>Rattus rattus</i> Common name: roof rat Development stage: juveniles</p> <p>Scientific name: <i>Rattus rattus</i> Common name: roof rat Development stage: adults</p>
<p>Field(s) of use</p>	<p>indoor use</p> <p>indoor</p>
<p>Application method(s)</p>	<p>Method: bait application</p> <p>Detailed description: Bait formulations: - Ready-to-use bait to be used in tamper-resistant bait stations - covered and protected baiting points as long as they provide the same level of protection for non-target species and humans as tamper-resistant bait stations. - Direct application of ready to use bait into the burrow</p>
<p>Application rate(s) and frequency</p>	<p>Application rate: Rats - High infestation: 100 g of bait per baiting point. - Low infestation: 60 g of bait per baiting point. Mice 40 g of bait per baiting point - Permanent baiting 60-100 g</p> <p>Dilution (%): 0</p> <p>Number and timing of application:</p> <p>Rats</p> <ul style="list-style-type: none"> - High infestation: 100 g of bait per baiting point. - Low infestation: 60 g of bait per baiting point. <p>Mice</p> <ul style="list-style-type: none"> - High infestation: 40 g of bait per baiting point. - Low infestation: 20 g of bait per baiting point <p>Permanent baiting 60-100 g</p>

Category(ies) of users	trained professional
Pack sizes and packaging material	<p>MURIN FORTE GRANO is furnished in two different type:</p> <ol style="list-style-type: none"> 1. heat sealed in sachet (paper PE coated or plastic composite) from 10 to 30 g(i.e. 10g , 12,5 g, 15 g) 2. the product could be lose inside the packaging <p>DIFFERENT Selling unit</p> <p>SOLD IN Primary and secondary packaging (not to be sold separately)</p> <ol style="list-style-type: none"> 1. Primary packaging: envelope (plastic: PP MAT20 + PET MET12 + PE45) of 100g, 200g, 250g, 500g / Secondary packaging: carton box of 2,5Kg, 3Kg, 5Kg. (example 15 envelope of 100g in carton box of 2,5 kg, or 6 envelope of 500 g in carton box of 3 kg) 2. Primary packaging: envelope (plastic: PP + PET + PE45) of 5Kg or 10Kg / Secondary packaging: carton box of 5Kg, 10Kg, 15Kg, 20Kg, 25Kg <p>SOLD only with Primary packaging</p> <ol style="list-style-type: none"> 1. Envelope (plastic: PP MAT20 + PET MET 12 + PE60) from 2,5Kg to 5Kg. 2. Bucket (HDPE) from 2,5Kg to 10Kg 3. Cartonbox from 2,5Kg to 25Kg. 4. sachet from 10g to 30g / Primary packaging: envelope (plastic: PP MAT20 + PET MET 12 + PE60) from 2,5Kg to 5Kg. 5. sachet from 10g to 30g / Primary packaging: bucket (HDPE) from 2,5Kg to 10Kg 6. sachet from 10d to 30g / Primary packaging: cartonbox from 2,5Kg to 25Kg

4.4.1. Use-specific instructions

Remove the remaining product at the end of treatment period.

4.4.2. Use-specific risk mitigation measures

4.4.3. Use-specific risk mitigation measures

- During loose grain transfer operations wear appropriate protective devices for the respiratory tract (respiratory mask disposable EN149 FFP2). Avoid touching the product with bare hands and wear appropriate gloves”.
- Where possible, prior to the treatment inform any possible bystanders (e.g. users of the treated area and their surroundings) about the rodent control campaign
- Consider preventive control measures (e.g. plug holes, remove potential food and drinking as far as possible) to improve product intake and reduce the likelihood of reinvasion.
- To reduce risk of secondary poisoning, search for and remove dead rodents during treatment at frequent intervals, in line with the recommendations provided by the relevant code of best practice.
- Products may only be used in permanent treatments at those sites with a high potential for reinvasion when other methods of control have proven insufficient.
- Do not use the product as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.

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

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

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

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

Shelf life: 24months.

Use specific conditions of storage and shelf-life of the product under normal conditions of storage are not necessary when conditions of storage and shelf-life of the product under normal conditions of storage, as detailed in the section “General directions for use (trained professionals)”, are implemented.

4.5. Use description

Table 5. Mice and rats - trained professionals - outdoor around buildings

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Not relevant for rodenticides
Target organism(s) (including development stage)	Scientific name: <i>Mus musculus</i> Common name: house mouse Development stage: juveniles Scientific name: <i>Mus musculus</i> Common name: house mouse

	<p>Development stage: adults</p> <p>Scientific name: Rattus norvegicus Common name: brown rat Development stage: juveniles</p> <p>Scientific name: Rattus norvegicus Common name: brown rat Development stage: adults</p> <p>Scientific name: Rattus rattus Common name: roof rat Development stage: juveniles</p> <p>Scientific name: Rattus rattus Common name: roof rat Development stage: adults</p>
Field(s) of use	<p>outdoor use</p> <p>outdoor around buildings</p>
Application method(s)	<p>Method: bait application</p> <p>Detailed description: Bait formulations: - Ready-to-use bait to be used in tamper-resistant bait stations - covered and protected baiting points as long as they provide the same level of protection for non-target species and humans as tamper-resistant bait stations. - Direct application of ready to use bait into the burrow</p>
Application rate(s) and frequency	<p>Application rate: Rats - High infestation: 100 g of bait per baiting point. - Low infestation: 60 g of bait per baiting point. Mice 40 g of bait per baiting point - Permanent baiting 60-100 g</p> <p>Dilution (%): 0</p> <p>Number and timing of application:</p> <p>Rats</p> <ul style="list-style-type: none"> - High infestation: 100 g of bait per baiting point. - Low infestation: 60 g of bait per baiting point. <p>Mice</p> <ul style="list-style-type: none"> - High infestation: 40 g of bait per baiting point. - Low infestation: 40 g of bait per baiting point. <p>- Permanent baiting 60-100 g</p>
Category(ies) of users	trained professional
Pack sizes and packaging material	<p>MURIN FORTE GRANO is furnished in two different type: 1. heat sealed in sachet (paper PE coated or plastic composite) from 10 to 30 g(i.e. 10g , 12,5 g, 15 g)</p>

2. the product could be lose inside the packaging

DIFFERENT Selling unit

SOLD IN Primary and secondary packaging (not to be sold separately)

1. Primary packaging: envelope (plastic: PP MAT20 + PET MET12 + PE45) of 100g, 200g, 250g, 500g / Secondary packaging: carton box of 2,5Kg, 3Kg, 5Kg. (example 15 envelope of 100g in carton box of 2,5 kg, or 6 envelope of 500 g in carton box of 3 kg)

2. Primary packaging: envelope (plastic: PP + PET + PE45) of 5Kg or 10Kg / Secondary packaging: carton box of 5Kg, 10Kg, 15Kg, 20Kg, 25Kg

SOLD only with Primary packaging

1. Envelope (plastic: PP MAT20 + PET MET 12 + PE60) from 2,5Kg to 5Kg.

2. Bucket (HDPE) from 2,5Kg to 10Kg

3. Cartonbox from 2,5Kg to 25Kg.

4. sachet from 10g to 30g / Primary packaging: envelope (plastic: PP MAT20 + PET MET 12 + PE60) from 2,5Kg to 5Kg.

5. sachet from 10g to 30g / Primary packaging: bucket (HDPE) from 2,5Kg to 10Kg

6. sachet from 10d to 30g / Primary packaging: cartonbox from 2,5Kg to 25Kg

4.5.1. Use-specific instructions

- Protect bait from the atmospheric conditions. Place the baiting points in areas not liable to flooding.
- Replace any bait in baiting points in which bait has been damaged by water or contaminated by dirt.
- Remove the remaining product at the end of treatment period [Not applicable where explicitly authorised according to addenda 4].

4.5.2. Use-specific risk mitigation measures

4.5.3. Use-specific risk mitigation measures

- During loose grain transfer operations wear appropriate protective devices for the respiratory tract (respiratory mask disposable EN149 FFP2). Avoid touching the product with bare hands and wear appropriate gloves.
- Where possible, prior to the treatment inform any possible bystanders (e.g. users of the treated area and their surroundings) about the rodent control campaign.
- Consider preventive control measures (plug holes, remove potential food and drinking as far as possible) to improve product intake and reduce the likelihood of reinvasion.
- To reduce risk of secondary poisoning, search for and remove dead rodents during treatment at frequent intervals, in line with the recommendations provided by the relevant code of best practice.
- Products may only be used in permanent treatments at those sites with a high potential for reinvasion when other methods of control have proven insufficient.
- Do not use this product as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.
- Do not use this product in pulsed baiting treatments.
- [Unless explicitly authorised according to addendum 4]:

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

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

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

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

Shelf life: 24 months.

4.6. Use description

Table 6. Rats - trained professionals - Outdoor open areas

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Not relevant for rodenticides
Target organism(s) (including development stage)	Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: juveniles Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: adults
Field(s) of use	outdoor use

	Outdoor open areas Outdoor waste dumps
Application method(s)	<p>Method: bait application</p> <p>Detailed description: Bait formulations: - Ready-to-use bait to be used in tamper-resistant bait stations - covered and protected baiting points as long as they provide the same level of protection for non-target species and humans as tamper-resistant bait stations. - Direct application of ready to use bait into the burrow</p>
Application rate(s) and frequency	<p>Application rate: - High infestation: 60-100 g of bait per baiting point. - Low infestation: 40-60 g of bait per baiting point. - Permanent baiting 60-100 g</p> <p>Dilution (%): 0</p> <p>Number and timing of application:</p> <p>- High infestation: 60-100 g of bait per baiting point. - Low infestation: 40-60 g of bait per baiting point.</p>
Category(ies) of users	trained professional
Pack sizes and packaging material	<p>MURIN FORTE GRANO is furnished in two different type:</p> <ol style="list-style-type: none"> 1. heat sealed in sachet (paper PE coated or plastic composite) from 10 to 30 g(i.e. 10g , 12,5 g, 15 g) 2. the product could be lose inside the packaging <p>DIFFERENT Selling unit</p> <p>SOLD IN Primary and secondary packaging (not to be sold separately)</p> <ol style="list-style-type: none"> 1. Primary packaging: envelope (plastic: PP MAT20 + PET MET12 + PE45) of 100g, 200g, 250g, 500g / Secondary packaging: carton box of 2,5Kg, 3Kg, 5Kg. (example 15 envelope of 100g in carton box of 2,5 kg, or 6 envelope of 500 g in carton box of 3 kg) 2. Primary packaging: envelope (plastic: PP + PET + PE45) of 5Kg or 10Kg / Secondary packaging: carton box of 5Kg, 10Kg, 15Kg, 20Kg, 25Kg <p>SOLD only with Primary packaging</p> <ol style="list-style-type: none"> 1. Envelope (plastic: PP MAT20 + PET MET 12 + PE60) from 2,5Kg to 5Kg.

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- | | |
|--|--|
| | <ol style="list-style-type: none">2. Bucket (HDPE) from 2,5Kg to 10Kg3. Cartonbox from 2,5Kg to 25Kg.4. sachet from 10g to 30g / Primary packaging: envelope (plastic: PP MAT20 + PET MET 12 + PE60) from 2,5Kg to 5Kg.5. sachet from 10g to 30g / Primary packaging: bucket (HDPE) from 2,5Kg to 10Kg6. sachet from 10d to 30g / Primary packaging: cartonbox from 2,5Kg to 25Kg |
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4.6.1. Use-specific instructions

- Protect bait from the atmospheric conditions. Place the bait stations in areas not liable to flooding.
- Replace any bait in baiting points in which bait has been damaged by water or contaminated by dirt.
- Remove the remaining product at the end of treatment period

4.6.2. Use-specific risk mitigation measures

4.6.3. Use-specific risk mitigation measures

- During loose grain transfer operations wear appropriate protective devices for the respiratory tract (respiratory mask disposable EN149 FFP2). Avoid touching the product with bare hands and wear appropriate gloves”.
- Where possible, prior to the treatment inform any possible bystanders (e.g. users of the treated area and their surroundings) about the rodent control campaign.
- To reduce risk of secondary poisoning, search for and remove dead rodents during treatment at frequent intervals, in line with the recommendations provided by the relevant code of best practice.
- Products may only be used in permanent treatments at those sites with a high potential for reinvasion when other methods of control have proven insufficient.
- Do not use this product as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.

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

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

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

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

Shelf life: 24 months.

4.7. Use description

Table 7. Rats-trained professional. sewers

Product type	PT14: Rodenticides
Where relevant, an exact description of the authorised use	Not relevant for rodenticides
Target organism(s) (including development stage)	Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: juveniles Scientific name: <i>Rattus norvegicus</i> Common name: brown rat Development stage: adults
Field(s) of use	outdoor use sewers
Application method(s)	Method: bait application Detailed description: - Ready-to-use bait to be anchored or applied in bait stations preventing the bait from getting into contact with waste water.
Application rate(s) and frequency	Application rate: - High infestation: 60-100 g of bait per baiting point. - Low infestation: 40-60 g of bait per baiting point. - Permanent baiting 60-100 g Dilution (%): 0 Number and timing of application: - High infestation: 60-100 g of bait per baiting point. - Low infestation: 40-60 g of bait per baiting point.
Category(ies) of users	trained professional
Pack sizes and packaging material	MURIN FORTE GRANO is furnished in two different type: 1. heat sealed in sachet (paper PE coated or plastic composite) from 10 to 30 g (i.e. 10g , 12,5 g, 15 g)

2. the product could be lose inside the packaging

DIFFERENT Selling unit

SOLD IN Primary and secondary packaging (not to be sold separately)

1. Primary packaging: envelope (plastic: PP MAT20 + PET MET12 + PE45) of 100g, 200g, 250g, 500g / Secondary packaging: carton box of 2,5Kg, 3Kg, 5Kg. (example 15 envelope of 100g in carton box of 2,5 kg, or 6 envelope of 500 g in carton box of 3 kg)

2. Primary packaging: envelope (plastic: PP + PET + PE45) of 5Kg or 10Kg / Secondary packaging: carton box of 5Kg, 10Kg, 15Kg, 20Kg, 25Kg

SOLD only with Primary packaging

1. Envelope (plastic: PP MAT20 + PET MET 12 + PE60) from 2,5Kg to 5Kg.

2. Bucket (HDPE) from 2,5Kg to 10Kg

3. Cartonbox from 2,5Kg to 25Kg.

4. sachet from 10g to 30g / Primary packaging: envelope (plastic: PP MAT20 + PET MET 12 + PE60) from 2,5Kg to 5Kg.

5. sachet from 10g to 30g / Primary packaging: bucket (HDPE) from 2,5Kg to 10Kg

6. sachet from 10d to 30g / Primary packaging: cartonbox from 2,5Kg to 25Kg

4.7.1. Use-specific instructions

- Protect bait from the atmospheric conditions. Place the bait stations in areas not liable to flooding.
- Replace any bait in baiting points in which bait has been damaged by water or contaminated by dirt.
- Remove the remaining product at the end of treatment period

4.7.2. Use-specific risk mitigation measures

4.7.3. Use-specific risk mitigation measures

- During loose grain transfer operations wear appropriate protective devices for the respiratory tract (respiratory mask disposable EN149 FFP2). Avoid touching the product with bare hands and wear appropriate gloves”.
- Where possible, prior to the treatment inform any possible bystanders (e.g. users of the treated area and their surroundings) about the rodent control campaign.
- To reduce risk of secondary poisoning, search for and remove dead rodents during treatment at frequent intervals, in line with the recommendations provided by the relevant code of best practice.
- Products may only be used in permanent treatments at those sites with a high potential for reinvasion when other methods of control have proven insufficient.
- Do not use this product as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.

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

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

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

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

Shelf life: 24 months.

5. GENERAL DIRECTIONS FOR USE¹

5.1. Instructions for use

- Read and follow the product information as well as any information accompanying the product or provided at the point of sale before using it.
- Carry out a pre-baiting survey of the infested area and an on-site assessment in order to identify the rodent species, their places of activity and determine the likely cause and the extent of the infestation.
- Remove food which is readily attainable for rodents (e.g. spilled grain or food waste). Apart from this, do not clean up the infested area just before the treatment, as this only disturbs the rodent population and makes bait acceptance more difficult to achieve.
- The product should only be used as part of an integrated pest management (IPM) system, including, amongst others, hygiene measures and, where possible, physical methods of control.
- The product should be placed in the immediate vicinity of places where rodent activity has been previously explored (e.g. travel paths, nesting sites, feedlots, holes, burrows etc.).
- Where possible, bait stations must be fixed to the ground or other structures.
- Bait stations must be clearly labelled to show they contain rodenticides and that they must not be moved or opened (see section 5.3 for the information to be shown on the label).
- When the product is being used in public areas, the areas treated should be marked during the treatment period and a notice explaining the risk of primary or secondary poisoning by the anticoagulant as well as indicating the first measures to be taken in case of poisoning must be made available alongside the baits.
- Bait should be secured so that it cannot be dragged away from the bait station.
- Place the product out of the reach of children, birds, pets and farm animals and other non-target animals.
- Place the product away from food, drink and animal feeding stuffs, as well as from utensils or surfaces that have contact with these.
- Wear protective chemical resistant gloves during product handling phase
- When using the product do not eat, drink or smoke. Wash hands and directly exposed skin after using the product.
- The frequency of visits to the treated area should be at the discretion of the operator, in the light of the survey conducted at the outset of the treatment. That frequency should be consistent with the recommendations provided by the relevant code of best practice.
- If bait uptake is low relative to the apparent size of the infestation, consider the replacement of bait points to further places and the possibility to change to another bait formulation.
- If after a treatment period of 35 days baits are continued to be consumed and no decline in rodent activity can be observed, the likely cause has to be determined. Where other elements have been excluded, it is likely that there are resistant rodent so consider the use of a non-anticoagulant rodenticide, where available, or a more potent anticoagulant rodenticide. Also consider the use of traps as an alternative control measure.
- Instructions for use that are "bait-specific":
- Place the bait in the baiting point by using a dosage devise.

5.2. Risk mitigation measures

- During loose grain transfer operations wear appropriate protective devices for the respiratory tract (respiratory mask disposable EN149 FFP2). Avoid touching the product with bare hands and wear appropriate gloves"
- Where possible, prior to the treatment inform any possible bystanders about the rodent control campaign
- The product information (i.e. label and/or leaflet) shall clearly show that the product shall only be supplied to trained professional users holding certification demonstrating compliance with the applicable training requirements (e.g. "for trained professionals only").
- Do not use in areas where resistance to the active substance can be suspected.
- Products shall not be used beyond 35 days without an evaluation of the state of the infestation and of the efficacy of the treatment unless authorised for permanent baiting treatments.
- Do not rotate the use of different anticoagulants with comparable or weaker potency for resistance management purposes. For rotational use, consider using a non-anticoagulant rodenticide, if available, or a more potent anticoagulant.

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

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- Do not wash the bait stations or utensils used in covered and protected bait points with water between applications.
 - Dispose dead rodents in accordance with local requirements.

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

- This product contains an anticoagulant substance. If ingested, symptoms, which may be delayed, may include nosebleed and bleeding gums. In severe cases, there may be bruising and blood present in the faeces or urine.
- Antidote: Vitamin K1 administered by medical/veterinary personnel only.
 - In case of:
 - Dermal exposure, wash skin with water and then with water and soap.
 - Eye exposure, rinse eyes with eyes-rinse liquid or water, keep eyes lids open at least 10 minutes.
 - Oral exposure, rinse mouth carefully with water. Never give anything by mouth to unconscious person. Do not provoke vomiting. If swallowed, seek medical advice immediately and show the product's container or label. Contact a veterinary surgeon in case of ingestion by a pet
 - Bait stations must be labelled with the following information: "do not move or open"; "contains a rodenticide"; "product name or authorisation number"; "active substance(s)" and "in case of incident, call a poison centre
 - Hazardous to wildlife.

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

At the end of the treatment, dispose the uneaten bait and the packaging in accordance with local requirements

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

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

6. OTHER INFORMATION

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